

Reorder No.  
D12.01



# ***QUALITY INDUSTRIAL ABRASIVE POWER TOOLS***

***ACCESSORIES AND ABRASIVES***

***GLOBAL LEADERSHIP IN ABRASIVE  
POWER TOOL TECHNOLOGY***



***DYNABRADE.COM***

## Abrasive Belt & Finishing Tools

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### Random Orbital Sanders

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**For more  
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# General Product Information

Discover The Dynabrade Difference!

## DYNABRADE MISSION STATEMENT

*To exceed the expectations of our customers through the innovative design of the highest quality abrasive power tools and related accessories.*

### Product Line

Founded in 1969, Dynabrade has earned a reputation and position of continued leadership in the innovative design and manufacturing of unique portable abrasive power tools. Dynabrade tools grind, deburr, file, sand and polish to meet the needs of many industries, for work with metals, wood, plastics, glass, rubber, stone, fiberglass, composites and more.

### Continuous Quality Control

Every Dynabrade product undergoes rigorous performance tests at precise stages, from design conception through product assembly and packaging, to ensure they meet our own high standards and the demands of our customers. Our goal is to maintain or improve Dynabrade quality with product and service performance levels that equal or exceed that of any competitor, and to exceed customers' expectations worldwide.

### Dynabrade Trademarks

Trademarks and service marks used in this catalog are the property of Dynabrade, Inc. Dynabrade, "D" logo are registered trademarks of Dynabrade, Inc. Other registered marks include: Dynaflex®, Dynabelter®, Dynadie®, Dynastraight®, Dynapad®, Dynaswivel®, Dynorbital®, Dynorbital-Spirit®, Dynacushion®, Dynabug®, Dynafine®, DynaLocke®. Use of these marks is strictly prohibited without prior written consent of Dynabrade, Inc.

### Product Maintenance

To maximize the long-term value of your Dynabrade products, have them repaired by our factory experts. We have a fully trained staff to meet all your service needs. By relying on Dynabrade for service, you can be confident that your tool will continue to operate at peak levels of performance. For those who have their own in-house repair facilities, ask your local Dynabrade distributor about our Tune-Up Kits available for selected models, or place your order for specific parts directly with your Dynabrade distributor.

#### Flat Rate Repair

Flat rate repair offers a reliable way to keep your tools at peak performance at a known cost. It includes labor and all necessary parts needed to restore the tool to approved factory performance levels. Dynabrade will only repair standard items that were returned with the tool. (If accessories such as Contact Arms, Pads, etc. are missing from the tool or damaged, they will not be replaced.) We may determine, based on our examination, that a product is beyond economical repair.

#### Motor Tune-Up Kits – See Page 267

The regular maintenance of any air tool will contribute to greater efficiency of the tool and will prolong tool life. Motor Tune-Up Kits contain replacement parts which are most susceptible to wear. Each Dynabrade tool has an associated Motor Tune-Up Kit, which you will find referenced throughout the catalog.

#### Drop-In Motors – See Page 265

Drop-in Motors provide a convenient, dependable way to repair your tools in-house.

#### Industrial Air Tool Maintenance

Dynabrade has designed a booklet to promote and assist with proper air tool maintenance. Please order our "Industrial Air Tool Maintenance Guide," no. D07.18.



Dynabrade, Inc.  
World Headquarters  
in Clarence, New York



# Dynabrade Distribution

Service and Support for Customers Worldwide

## Global Network of Authorized Dynabrade Distributors

Dynabrade supplies high-quality portable abrasive power tools to customers through a worldwide network of professional distributors, who are capable of meeting the specific needs of the industrial marketplace. Our distributors have extensive knowledge of Dynabrade's complete line of power tools and related accessories. Their goal is to improve the customer's competitiveness by minimizing costs through a continuous improvement process.

## FREE Demonstration Policy

We can perform a no-obligation demonstration of Dynabrade products in your facility. It is a sure way to see which product is best suited to your application, and to experience the time, labor and cost-saving advantages of Dynabrade products. Contact your local Dynabrade distributor to arrange an on-site demonstration. To locate your nearest Dynabrade distributor, call our Customer Service Department, or visit our distributor locator at: [Dynabrade.com](http://Dynabrade.com).

## Customer Service

Dynabrade's Customer Service staff has just one important job – to make sure that you are completely satisfied with your order and service. Our Customer Service Department is staffed with highly trained people, ready to serve you in any way they can, from order-taking to technical service to rush shipments! To more efficiently serve the international marketplace, our Luxembourg office can communicate in 14 languages. In short, our commitment to customer service is to satisfy our customers by serving them well. If we can help or improve in any way, we'd like to hear from you.

**For More Information, Prices or an On-Site Demonstration, Contact Your Local Dynabrade Distributor or Call/Fax our Consumer Information Numbers:**

### **DYNABRADE, INC.**

8989 Sheridan Drive • Clarence, New York 14031-1419  
Phone: (716) 631-0100 • Fax: 716-631-2073

**US Consumers Call Toll-Free: 1-800-828-7333**

### **DYNABRADE INTERNATIONAL**

8989 Sheridan Drive • Clarence, New York 14031-1419  
Phone: (716) 631-0100 • Fax: 716-631-2524

**Canadian Consumers Call Toll-Free: 1-800-344-1488**

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**Visit Dynabrade's Website at: [Dynabrade.com](http://Dynabrade.com)**



# Safety Comes First

See Additional Safety Information on Page 295

## Safe Operation

Understanding the proper and safe procedures involved with operating power tools is our primary concern. Accidental injury or death can be prevented and/or reduced by reading and understanding the following:

- Safety Code for Portable Air Power Tools (B186.1), Compressed Air & Gas Institute Standard (CAGI).
- Safety Requirements for Use, Care and Protection of Abrasive Wheels (B7.1), American National Standards Institute (ANSI).
- Hand-Held Non-Electric Power Tools – Safety Requirements (ISO 11148), International Organization for Standards (ISO).
- General Industry Safety & Health Regulations (CFR 29 Part 1910), Occupational Safety and Health Administration (OSHA).
- Applicable State and Local Regulations (regulations may vary).

**Users are responsible for following all established safety codes and regulations.**

## Safety Legend

**Carefully Read All Instructions Before Operating or Servicing Any Dynabrade Abrasive Power Tools**

Always operate, inspect and maintain tools in accordance with all safety codes and regulations for the protection of operating personnel as well as adjacent areas. All products offered by Dynabrade are not to be modified, converted or otherwise altered from the original design without the expressed written consent from Dynabrade, Inc. Use only genuine Dynabrade® replacement parts and accessories made especially for the tool in use. The use of any other manufacturers' replacement parts and accessories could create a hazard.

## ! WARNING



Read and understand tool manual before use to reduce risk of injury to operator, visitors, and tool.



Eye protection must be worn at all times, eye protection to conform to ANSI Z87.1.



Respiratory protection to be used when exposed to contaminants that exceed the applicable threshold limit values required by law.



General warning. Caution, risk of danger. Practice safety requirements. Work alert, have proper attire, and do not operate tools under the influence of alcohol or drugs.



Ear protection to be worn when exposure to sound, exceeds the limits of applicable Federal, State or local statutes, ordinances and/or regulations.



Air line hazard, pressurized supply lines and flexible hoses can cause serious injury. Do not use damaged, frayed or deteriorated air hoses and fittings.

# Dynabrade Warranty Information

## Dynabrade Pneumatic Tools Lifetime Warranty

All tools must be registered at [www.Dynabrade.com](http://www.Dynabrade.com) to qualify for Lifetime Warranty. Tools purchased beginning August 18, 2008 may be registered for Lifetime Warranty. Lifetime Warranty applies only to portable pneumatic tools manufactured by Dynabrade, Inc. in the USA. Warranty applies only to the original tool owner; warranty is non-transferable.

All Dynabrade portable pneumatic power tools are rigorously inspected and performance tested in our factory before shipping to our customers.

Dynabrade warrants all Dynabrade portable pneumatic power tools against defects of workmanship and materials under normal use and service for the lifetime of the tool as set forth herein.

Upon examination and review at Dynabrade's factory, Dynabrade shall confirm whether the tool qualifies for warranty status, in which case Dynabrade will repair or replace the tool at no charge to the customer.

This warranty is contingent upon proper use of the tool in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment that has been subjected to misuse, negligence, accident or tampering in any way so as to affect its normal performance.

This warranty does NOT cover normally wearable parts and accessories, including, but not limited to, bearings, contact wheels, rotor blades, regulators, valve stems, levers, shrouds, guards, O-rings, seals, gaskets and other wearable parts. Dynabrade only warrants such normally wearable parts and accessories against manufacturing defects at the time of receipt. If, upon receipt and prior to use, a normally wearable part or accessory is found to be defective, Dynabrade will repair or replace such part or accessory at no charge to the customer.

To activate Lifetime Warranty, customer must register each portable pneumatic power tool at [www.dynabrade.com](http://www.dynabrade.com). Dynabrade will not honor Lifetime Warranty on unregistered tools. A one-year warranty will be honored on all unregistered portable pneumatic power tools. (In European countries, warranty on unregistered tools will be two years.) Customer must return the defective unregistered tool to Dynabrade within one year (or two years in European countries) from the date of purchase.

To be considered for warranty, tools must be sent back to our factory, transportation prepaid by user. Please send tool back to attention "Repair Department" with note fully explaining the nature of the problem along with a copy of original invoice indicating model and serial number.

THIS WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO OTHER WARRANTIES THAT EXTEND BEYOND THIS EXPRESS WARRANTY.

Dynabrade will not be liable for damages to products, other property or persons due to improper use or through attempts to use products for other than their intended use. DYNABRADE WILL NOT BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY SPECIAL, CONTINGENT, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES. Dynabrade's liability with respect to a claim for any other damages arising out of or connected with the manufacture, sale, purchase, non-delivery, use or performance of any product sold by Dynabrade will in no event exceed to the price paid for the product.

## "Dynabrade Red" Tools 6-Month Warranty

Dynabrade warrants all "Dynabrade Red" tools against defects in workmanship and materials under normal use and service for a period of 6 months from the date of purchase as set forth herein.

Customer must return the defective tool to Dynabrade within 6 months from the date of purchase. Upon examination and review at Dynabrade's factory, Dynabrade shall confirm whether the tool qualifies for warranty status, in which case Dynabrade shall repair or replace the tool at no charge to the customer.

This warranty is contingent upon proper use of the "Dynabrade Red" tool in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment that has been subjected to misuse, negligence, accident or tampering in any way so as to affect its normal performance. This warranty does NOT apply in the following cases: (i) consumables such as sanding pads, etc.; (ii) lack of lubrication or evidence of rust, dirt or corrosion; (iii) tools requiring normal tune-up or cleaning; (iv) tools being used after they are badly worn such as using ratchet with worn yoke; (v) ratchet anvils damaged by excessive hand torquing; (vi) use in production-type applications.

This warranty does NOT cover normally wearable parts and accessories, including, but not limited to, bearings, contact wheels, rotor blades, regulators, valve stems, levers, shrouds, guards, O-rings, seals, gaskets and other wearable parts. Dynabrade only warrants such normally wearable parts and accessories against manufacturing defects at the time of receipt. If, upon receipt and prior to use, a normally wearable part or accessory is found to be defective, Dynabrade will repair or replace such part or accessory at no charge to the customer.

To be considered for warranty, tools must be sent back to our factory, transportation prepaid by user. Please send tool back to attention "Repair Department" with note fully explaining the nature of the problem along with a copy of original invoice indicating model and serial number.

THIS WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO OTHER WARRANTIES THAT EXTEND BEYOND THIS EXPRESS WARRANTY.

Dynabrade will not be liable for damages to products, other property or persons due to improper use or through attempts to use products for other than their intended use. DYNABRADE WILL NOT BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY SPECIAL, CONTINGENT, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES. Dynabrade's liability with respect to a claim for any other damages arising out of or connected with the manufacture, sale, purchase, non-delivery, use or performance of any product sold by Dynabrade will in no event exceed to the price paid for the product.

## Dynabrade Electric Tools 6-Month Warranty

Dynabrade warrants all electric tools against defects in workmanship and materials under normal use and service for a period of 6 months from the date of purchase. All conditions of "Dynabrade Red" tool 6-month warranty also apply to Dynabrade electric tools.

## Dynabrade 90-Day Warranty on Reconditioned and Repaired Tools

All reconditioned and repaired tools manufactured by Dynabrade have been refurbished by Dynabrade's factory experts, and have undergone rigorous testing to ensure that they meet our high standards of quality.

Dynabrade warrants all reconditioned and repaired tools manufactured by Dynabrade against defects in workmanship and materials under normal use and service for a period of 90 days from the date of purchase as set forth herein.

Customer must return the defective tool to Dynabrade within 90 days from the date of purchase. Upon examination and review at Dynabrade's factory, Dynabrade shall confirm whether the tool qualifies for warranty status, in which case Dynabrade shall repair or replace the tool at no charge to the customer.

This warranty is contingent upon proper use of the reconditioned and repaired tool in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment that has been subjected to misuse, negligence, accident or tampering in any way so as to affect its normal performance.

This warranty does NOT cover normally wearable parts and products, including, but not limited to, bearings, contact wheels, rotor blades, regulators, valve stems, levers, shrouds, guards, O-rings, seals, gaskets and other wearable parts. Dynabrade only warrants such normally wearable parts and accessories against manufacturing defects at the time of receipt. If, upon receipt and prior to use, a normally wearable part or accessory is found to be defective, Dynabrade will repair or replace such part or accessory at no charge to the customer.

To be considered for warranty, tools must be sent back to our factory, transportation prepaid by user. Please send tool back to attention "Repair Department" with note fully explaining the nature of the problem along with a copy of original invoice indicating model and serial number.

THIS WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO OTHER WARRANTIES THAT EXTEND BEYOND THIS EXPRESS WARRANTY.

Dynabrade will not be liable for damages to products, other property or persons due to improper use or through attempts to use products for other than their intended use. DYNABRADE WILL NOT BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY SPECIAL, CONTINGENT, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES. Dynabrade's liability with respect to a claim for any other damages arising out of or connected with the manufacture, sale, purchase, non-delivery, use or performance of any product sold by Dynabrade will in no event exceed to the price paid for the product.

## Dynabrade Portable Vacuums Two-Year Warranty

Dynabrade warrants all Portable Vacuums manufactured by Dynabrade against defects in workmanship and materials under normal use and service for a period of 2 years from the date of purchase as set forth herein. (61500 Portable Vacuum has one-year warranty.)

Customer must return the defective vacuum to Dynabrade within 2 years from the date of purchase. Upon examination and review at Dynabrade's factory, Dynabrade shall confirm whether the vacuum qualifies for warranty status, in which case Dynabrade shall repair or replace the vacuum at no charge to the customer.

This warranty is contingent upon proper use of the Portable Vacuum in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment that has been subjected to misuse, negligence, or accident, such as using incorrect filters. It shall also not apply to equipment that has been tampered with in any way so as to affect its normal performance.

This warranty does NOT cover normally wearable parts and products, including, but not limited to, electrical motor brushes, hoses, couplers, filters, dust bags and other wearable parts. Dynabrade only warrants such normally wearable parts and accessories against manufacturing defects at the time of receipt. If, upon receipt and prior to use, a normally wearable part or accessory is found to be defective, Dynabrade will repair or replace such part or accessory at no charge to the customer.

To be considered for warranty, vacuums must be sent back to our factory, transportation prepaid by user. Please send vacuum back to attention "Repair Department" with note fully explaining the nature of the problem along with a copy of original invoice indicating model and serial number.

THIS WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO OTHER WARRANTIES THAT EXTEND BEYOND THIS EXPRESS WARRANTY.

Dynabrade will not be liable for damages to products, other property or persons due to improper use or through attempts to use products for other than their intended use. DYNABRADE WILL NOT BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY SPECIAL, CONTINGENT, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES. Dynabrade's liability with respect to a claim for any other damages arising out of or connected with the manufacture, sale, purchase, non-delivery, use or performance of any product sold by Dynabrade will in no event exceed to the price paid for the product.



# Measurement Conversions

## USA Conversions to International Measurements

### Conversion Factors

| Length       | Meters   | Centimeters | Millimeters |
|--------------|----------|-------------|-------------|
| 1 Inch (in.) | 0.0254 m | 2.54 cm     | 25.4 mm     |
| 1 Foot (ft.) | 0.3048 m | 30.48 cm    | 304.8 mm    |

| Weight        | Kilograms  | Grams   |
|---------------|------------|---------|
| 1 Ounce (oz.) | 0.02835 kg | 28.35 g |
| 1 Pound (lb.) | 0.454 kg   | 454 g   |

| Volume      | Liters  | Power | Kilowatts | Watts |
|-------------|---------|-------|-----------|-------|
| 1 US Gallon | 3.785 l | 1 hp  | 0.746 kW  | 746 W |

| Torque      | Newton Meters | Air Pressure                    | Bar     |
|-------------|---------------|---------------------------------|---------|
| 1 Ounceinch | 0.00706 Nm    | 90 Pounds per Square Inch (PSI) | 6.2 Bar |
| 1 Poundinch | 0.11298 Nm    |                                 |         |

| Abrasive Speed                   | SMPM                                     | Sound Level  |
|----------------------------------|--|--|
| 1 Surface Foot per Minute (SFPM) | .3048 Surface Meters per Minute (SM/Min) | Expressed in dB(A). This is the pressure measurement according to method outlined in ISO regulation ISO-15744. |

| Air Flow Rate                           | L/MIN                           | NOTE: Dynabrade expresses air flow rate in SCFM (L/Min) only. To determine how many tools a compressor will run, compare the SCFM of tool with capacity of compressor's inlet (free air) CFM rating. |
|---|---------------------------------|--|
| 1 Standard Cubic Foot per Minute (SCFM) | 28.32 Liters per Minute (L/Min) |  |

### Common Dimensions (Approximate)

| Inches | Millimeters | Inches  | Millimeters |
|--------|-------------|---------|-------------|
| 3/32"  | 2.5 mm      | 4-1/2"  | 114 mm      |
| 1/8"   | 3 mm        | 5"      | 127 mm      |
| 3/16"  | 5 mm        | 6"      | 152 mm      |
| 1/4"   | 6 mm        | 7"      | 178 mm      |
| 3/8"   | 10 mm       | 8"      | 203 mm      |
| 1/2"   | 13 mm       | 9"      | 229 mm      |
| 3/4"   | 19 mm       | 11"     | 279 mm      |
| 1"     | 25 mm       | 12"     | 305 mm      |
| 1-1/4" | 32 mm       | 18"     | 457 mm      |
| 2"     | 51 mm       | 20-1/2" | 521 mm      |
| 2-3/4" | 70 mm       | 24"     | 610 mm      |
| 3"     | 76 mm       | 30"     | 762 mm      |
| 3-1/2" | 89 mm       | 34"     | 864 mm      |
| 4"     | 102 mm      | 44"     | 1,118 mm    |

### Common Rectangular Pad Sizes - Width x Length

| Inches          | Millimeters     |
|-----------------|-----------------|
| 4" x 4-5/16"    | 102 mm x 110 mm |
| 4-1/4" x 4-1/2" | 108 mm x 114 mm |
| 2-3/4" x 8"     | 70 mm x 203 mm  |
| 2-3/4" x 11"    | 70 mm x 278 mm  |
| 3-2/3" x 7"     | 93 mm x 178 mm  |
| 2-7/8" x 3-1/8" | 73 mm x 79 mm   |
| 2-3/8" x 3-3/4" | 60 mm x 95 mm   |

## Discover The Dynabrade Difference!

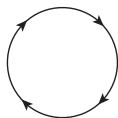
Established in 1969, **Dynabrade, Inc.** is recognized as the **global leader** in the design and manufacturing of high-quality **Portable Abrasive Power Tools**. Utilized in every corner of the world, **Dynabrade** tools continually meet and exceed the needs of countless industries, by offering **The Dynabrade Difference**:

- ***"MADE IN USA" proudly displayed on every Industrial Air Tool!***
- ***LIFETIME WARRANTY on Industrial Air Tools made in USA!***
- ***SAME-DAY or NEXT-DAY Shipping on most USA Orders!***
- ***FREE ON-SITE Demonstrations by Application EXPERTS!***
- ***SYSTEMS Approach for Complete Solutions!***
- ***All of the above, PLUS:***
  - ***Unmatched Marketing Materials***
  - ***Personal, Professional Customer Service***
  - ***Complete Service & Repair Program***



# Dynabrade Catalog Guide

## Explanation of Helpful Symbols and Information on Each Page



### Tool Motion

Dynabrade abrasive power tools move in a variety of patterns to suit virtually every type of application. Motion symbols are shown to illustrate the action produced by a specific tool.



### Gearless

### Gearless Tool

This symbol identifies a Dynabrade tool that operates with no gears. Gearless tools have fewer wearable parts, for reduced maintenance and less downtime. For more information, see page 51.

### Accessory Cross-Reference

Along with the "Add-On Cart," vital accessories are also identified on the tool, with corresponding page number for more information.

### Tab-Style Organization

Easily find any product category at the outside edge of each page.



### "Add-On Cart"

At the upper right of every tool section, this is a handy guide to all related accessories. Here is your quickest route to the proper Contact Arms, Sanding Pads and more!

## DynaLocke®

### Air-Powered Dual-Action Sander

#### Combination Rotary and Random Orbital Sander

- 12,000 RPM DynaLocke® is truly "two tools in one," easily changing from a Rotary Disc Sander to Random Orbital Sander with the flip of a switch.
- Ideal for metal applications; great on composite materials. Excellent for automotive work, such as paint stripping and blending. Also utilized for leveling glue seams on Corian® and other solid surfaces.
- Switch is recessed within tool grip to prevent accidental engaging.



Rotary Motion

For Stripping and Blending



3/16" (5 mm) Dia. Orbit

For Swirl-Free Finishes

#### Non-Vacuum

##### Model 58460 3" Diameter

- Includes 56087 Hook-Face Pad.

##### Model 58465 3-1/2" Diameter

- Includes 54313 Hook-Face Pad.

##### Model 58430 5" Diameter

- Includes 54325 Hook-Face Pad.

##### Model 58435 6" Diameter

- Includes 54327 Hook-Face Pad.



SANDING PADS  
PAGE 231  
ACCESSORIES  
PAGE 222

FOR ABRASIVE DISCS  
3" (76 mm), 3-1/2" (89 mm),  
5" (127 mm) and 6" (152 mm) dia.  
SEE PAGE 275

#### Self-Generated Vacuum

- Self-Generated Vacuum models are ready for connection to optional portable dust collection system.
- Tool has 1-1/4" outside diameter vacuum port, allowing increased air flow.
- Designed to vacuum in random orbital mode only.

##### Model 58461 3" Diameter

- Includes 56087 Hook-Face Pad.

##### Model 58466 3-1/2" Diameter

- Includes 54313 Hook-Face Pad.

##### Model 58431 5" Diameter

- Includes 54326 Hook-Face Pad.

##### Model 58436 6" Diameter

- Includes 54328 Hook-Face Pad.



Tool should be completely stopped before changing sanding action.

See page 231 for Dynabrade High-Quality Sanding Pads!

Portable Dust Collection System (Optional - See Page 219)

Corian is a trademark of DuPont

| Model Number | Motor hp (W) | Motor RPM | Pad Dia. Inch (mm) | Sound Level dB(A) | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread     | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|-------------------|-------------------------------|--------------------------|------------------|-----------------|-------------------|------------------|------------------|
| 58460        | 45 (336)     | 12,000    | 3 (76)             | 81 dB(A)          | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.35 (1.0)        | 10-5/16 (263)    | 5-3/8 (137)      |
| 58461        | 45 (336)     | 12,000    | 3 (76)             | 86 dB(A)          | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.35 (1.0)        | 10-5/16 (263)    | 5-3/8 (137)      |
| 58465        | 45 (336)     | 12,000    | 3-1/2 (89)         | 80 dB(A)          | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.35 (1.0)        | 10-5/16 (263)    | 5-3/8 (137)      |
| 58466        | 45 (336)     | 12,000    | 3-1/2 (89)         | 85 dB(A)          | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.35 (1.0)        | 10-5/16 (263)    | 5-3/8 (137)      |
| 58430        | 45 (336)     | 12,000    | 5 (127)            | 82 dB(A)          | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.7 (1.2)         | 11-1/16 (280)    | 5-1/8 (131)      |
| 58431        | 45 (336)     | 12,000    | 5 (127)            | 82 dB(A)          | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.6 (1.2)         | 11-1/16 (280)    | 5-1/8 (131)      |
| 58435        | 45 (336)     | 12,000    | 6 (152)            | 82 dB(A)          | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.8 (1.2)         | 11-1/2 (293)     | 5-1/8 (131)      |
| 58436        | 45 (336)     | 12,000    | 6 (152)            | 85 dB(A)          | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.7 (1.2)         | 11-1/2 (293)     | 5-1/8 (131)      |

Tune-Up Kit: No. 98220 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

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GEAR-DRIVEN & FINISHING SANDERS



### QR-Code

Scan this code on your mobile device for instant viewing of Dynabrade tool videos and other mobile-formatted content!

To download free QR-Code reader, visit:

[www.mobile-barcodes.com/qr-code-software](http://www.mobile-barcodes.com/qr-code-software)

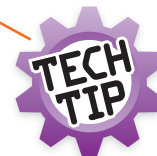


### Portable Dust Collection System

Dynabrade Self-Generated Vacuum Tools collect dust and debris through the tool's exhaust, eliminating the need for an external vacuum source. These tools require the use of a portable dust collection system (sold separately), as indicated by this photo. For all optional dust collection systems, see page 219.

### Abrasive Capacity

Located directly below the "Add-On Cart," this distinctive shape identifies all abrasives compatible with the designated tools. Abrasive dimensions are expressed in inches and millimeters.



### Tech Tip

Each Tech Tip offers a proven suggestion for operating your tool at peak efficiency. Tech Tips have been compiled through actual workplace experiences.





# ABRASIVE BELT TOOLS

|                             |    |                                      |    |
|-----------------------------|----|--------------------------------------|----|
| Dynafile® .....             | 10 | Dynafile® III .....                  | 20 |
| Dynafile® II.....           | 13 | Dynabelter® .....                    | 24 |
| .4 hp Dynafile® II.....     | 14 | Dynangle .....                       | 27 |
| Vacuum Dynafile® II.....    | 15 | Dynangle II.....                     | 28 |
| Electric Dynafile® II ..... | 15 | “Take-About” Sander .....            | 29 |
| Mini-Dynafile® II .....     | 18 | <i>Systems &amp; Solutions</i> ..... | 30 |

**DYNABRADE.COM**



# "The Original" Dynafile®

## Air-Powered Abrasive Belt Tool



**CONTACT ARMS**  
PAGE 11

**COUPLER/PLUG**  
PAGE 228

**ACCESSORIES**  
PAGE 222

**BENCH MOUNT**  
PAGE 255

*The Best Tracking Abrasive Belt Tool in the World!*

**FOR ABRASIVE BELTS**  
1/8", 1/4", 1/2" wide x 24" long  
(3 mm, 6 mm, 13 mm x 610 mm)  
SEE PAGE 270

### Model 14000 For 24" Long Belts

- World-famous Dynafile® replaces tedious hand filing and sanding. Grind, deburr, blend, polish, finish and more!
- Grind from contact wheel or platen pad. Finish and polish using slack of belt.
- For use on metal, plastic, fiberglass, composites, rubber, glass and stone.
- Tool includes 11218 Contact Arm for standard use. Also accepts a variety of additional Contact Arms (see pages 11-12).
- Motor easily adjusts to the most comfortable throttle lever position.
- Superior belt tracking permits use of 1/8", 1/4" or 1/2" wide x 24" long abrasive belts.
- Work in areas as small as 3/8" diameter.
- Lightweight composite belt guard allows quick and easy belt change!
- Hard and soft platen pads mount onto Contact Arms for heavy grinding or contour polishing (see page 29).



*The most recognized shape in portable abrasive belt tools!*



**WATCH the Dynafile® at Work!**



*Reach into areas as small as 3/8".*



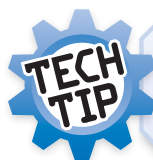
*Clean and finish using non-woven nylon belts.*



*Efficiently rework turbine blades with specialized contact arm.*



*Grind welds using belts as narrow as 1/8" wide.*



Arrows located on Dynafile® belt cover indicate abrasive belt direction. Grinding from the RETURN SIDE of the belt will greatly enhance tool performance and increase belt life.

### 14010 Versatility Kit

- Includes 14000 Dynafile® with five popular Contact Arms, plus an assortment of abrasive belts, in durable case.
- Includes Contact Arms 11213, 11216, 11218, 11219 and 11231 (see page 11).
- USA Government National Stock Number 5130011263260.



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm)  | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 14000        | .5 (373)     | 20,000    | 77 dB(A)    | 1/8-1/2 (3-13) W x 24 (610) L | 31 (878)                   | 5,800 (1,768)      | 3.1 (1.4)         | 14.6 (371)       | 4.6 (116)        |

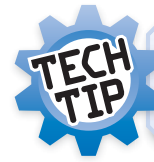
Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)  
Tune-Up Kit: No. 95600 (page 267)



# Dynaflex® Contact Arms

## 4" to 14" Workable Reach

- All rubber Contact Wheels are 70 durometer, unless noted.



To maximize the life of 1/4" bearings or smaller, lower the operating air pressure to 45 PSIG (3.1 Bar) and run the motor at a lower RPM.



| Part Number  | Comments   | Belt Size (W x L)  | Contact Wheel Assembly (includes bearing and shaft)   | Platen Pad (see page 29)    |
|--|--|--|---|-----------------------------|
| 11178, 11179<br><br>11257: Custom-made. Specify length and contact wheel. | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Up to 32" reach</li> <li>• Enter slots as narrow as 3/8"</li> <li>• Deburr 1/2" to 1" tubing</li> </ul> | 11178:<br>1/2" x 34"<br>(9" reach)<br>11179:<br>1/2" x 34"<br>(9" reach) | 11178:<br>11068 Wheel<br>(5/16" dia. steel)<br>11179:<br>11078 Wheel<br>(5/8" dia. rubber)  | None                        |
| 11212<br>   | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• File round openings as small as 7/16"</li> </ul>  | 1/4" x 24"   | 11066<br>5/16" dia. x 1/8" wide, steel  | 11034<br>1/4" wide;<br>Thin |
| 11213<br>   | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• See 11239 for heavy-duty version</li> </ul>   | 1/2" x 24"   | 11068<br>5/16" dia. x 3/8" wide, steel  | 11027<br>1/2" wide;<br>Thin |
| 11214<br>   | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Work on contact wheel or platen pad</li> </ul>  | 1/2" x 24"   | 11070<br>7/16" dia. x 3/8" wide, rubber   | 11025<br>1/2" wide;<br>Soft |
| 11215<br>   | <ul style="list-style-type: none"> <li>• Enter 1/2" x 1/2" openings</li> </ul>   | 1/4" x 24"   | 11072<br>7/16" dia. x 1/8" wide, brass  | 11034<br>1/4" wide;<br>Thin |
| 11216<br>  | <ul style="list-style-type: none"> <li>• Enter 5/16" x 3/4" openings</li> </ul>  | 1/4" x 24"   | 11074<br>5/8" dia. x 1/8" wide, rubber  | 11032<br>1/4" wide;<br>Soft |
| 11217<br>   | <ul style="list-style-type: none"> <li>• Enter channels as narrow as 9/16"</li> </ul>  | 1/2" x 24"   | 11076<br>7/16" dia. x 3/8" wide, steel  | 11027<br>1/2" wide;<br>Thin |
| 11218<br>   | <ul style="list-style-type: none"> <li>• <b>Standard on Model 14000</b></li> <li>• See 11228 for heavy-duty version</li> </ul>   | 1/2" x 24"   | 11078<br>5/8" dia. x 3/8" wide, rubber  | 11025<br>1/2" wide;<br>Soft |
| 11219, 11252<br>  | <ul style="list-style-type: none"> <li>• No platen due to offset design</li> <li>• Ideal for slack polishing; also grinding radiuses</li> </ul>                                    | 1/4" or<br>1/2" x 24"  | 11219: 11080 Wheel,<br>1" dia. x 3/8" wide, 90 duro<br>11252: 11093 Wheel,<br>1" dia. x 3/8" wide, 40 duro<br>(Both wheels radiused rubber) | None                        |
| 11228<br>   | <ul style="list-style-type: none"> <li>• Heavy-duty steel</li> <li>• Optional 11028 Steel Platen available for grinding</li> </ul>   | 1/2" x 24"   | 11078<br>5/8" dia. x 3/8" wide, rubber  | 11025<br>1/2" wide;<br>Soft |
| 11231<br>   | <ul style="list-style-type: none"> <li>• See 11243 for heavy-duty version</li> </ul>   | 1/2" x 24"   | 11084<br>3/4" dia. x 1/2" wide, rubber  | 11135<br>1/2" wide;<br>Hard |
| 11232<br>"V" Shaped Wheel<br>   | <ul style="list-style-type: none"> <li>• For 1/8" wide belts</li> <li>• No platen due to offset design</li> <li>• Grind corners, strap polish</li> </ul>                           | 1/8" or 1/4"<br>x 24"  | 11086<br>1" dia. x 3/8" wide, 90 duro,<br>tapered rubber  | None                        |
| 11234<br>   | <ul style="list-style-type: none"> <li>• Deburrs both edges of workpiece simultaneously</li> <li>• Contact wheels adjust for material 1/8" to 5/8" thick</li> </ul>                | 1/2" x 34"   | 11080 (two)<br>1" dia. x 3/8" wide, rubber  | None                        |

# Dynaflex® Contact Arms

## 4" to 14" Workable Reach

- All rubber Contact Wheels are 70 durometer, unless noted.

**See more information  
on Contact Wheels and  
Assemblies on page 256!**

| Part Number  | Comments   | Belt Size (W x L)                            | Contact Wheel Assembly (includes bearing and shaft)  | Platen Pad (see page 29)    |
|--|--|--|--|-----------------------------|
| <b>11237, 11238</b><br>Turbine Blade Arm  | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• For use on turbine blades</li> <li>• Reach areas as small as 5/16" wide</li> <li>• 1-1/2" strap polish area</li> </ul>      | 11237:<br>1/4" x 24"<br>11238:<br>1/2" x 24" | 11237: 5/16" dia. x 1/8" wide, steel wheel<br>11238: 1/4" dia. x 3/8" wide, steel (Consists of three 11051 Bearings) | None                        |
| <b>11239</b>                              | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Heavy-duty steel</li> <li>• Grind in narrow areas</li> </ul>  | 1/2" x 24"                                   | 11068<br>5/16" dia. x 3/8" wide, steel   | 11027<br>1/2" wide;<br>Thin |
| <b>11240</b>                              | <ul style="list-style-type: none"> <li>• 9" workable reach</li> <li>• Optional 11024 Steel Platen Pad available</li> </ul>   | 1/2" x 34"                                   | 11078<br>5/8" dia. x 3/8" wide, rubber   | 11025<br>1/2" wide;<br>Soft |
| <b>11241</b>                              | <ul style="list-style-type: none"> <li>• 9" workable reach</li> </ul>  | 1/4" x 34"                                   | 11074<br>5/8" dia. x 1/8" wide, rubber   | 11032<br>1/4" wide;<br>Soft |
| <b>11243</b>                              | <ul style="list-style-type: none"> <li>• Heavy-duty steel</li> <li>• Grind over contact wheel or platen pad</li> </ul>   | 1/2" x 24"                                   | 11084<br>3/4" dia. x 1/2" wide, rubber   | 11135<br>1/2" wide;<br>Hard |
| <b>11244, 11245</b>                      | <ul style="list-style-type: none"> <li>• 14" workable reach</li> <li>• Optional 11024 Steel Platen Pad available</li> </ul>  | 11244:<br>1/2" x 44"<br>11245:<br>1/4" x 44" | 11078<br>5/8" dia. x 3/8" wide, rubber   | 11025<br>1/2" wide;<br>Soft |
| <b>11253, 11254</b><br>Big Wheel Arm    | <ul style="list-style-type: none"> <li>• Grinds and polishes deep slots or narrow grooves</li> </ul>   | 1/4" to 1/2" x 34"                           | 1/4" to 1/2" wide wheels, 2-1/8" to 4-3/4" diameter (specify size)   |                             |
| <b>11255</b><br>Cross Bow Arm           | <ul style="list-style-type: none"> <li>• I.D. polish, deburr or ream with one 180° wrist turn</li> <li>• Deburr leading radius of 1" to 4" round openings</li> <li>• Great for pipe fitters</li> </ul> | 1/2" x 34"                                   | 11078<br>5/8" dia. x 3/8" wide, rubber   | None                        |
| <b>11258</b><br>Stroke Sander Arm       | <ul style="list-style-type: none"> <li>• Blend stainless steel</li> </ul>  | 1/2" x 24"                                   | 11078<br>5/8" dia. x 3/8" wide, rubber<br>11076<br>7/16" dia. x 3/8" wide, steel                                     | 11025<br>1/2" wide;<br>Soft |
| <b>11261</b><br>"The Banana Arm"        | <ul style="list-style-type: none"> <li>• For in-line scratch pattern</li> </ul>  | 1/2" x 24"                                   | 11078<br>5/8" dia. x 3/8" wide, rubber   | 11132<br>1/2" wide          |
| <b>11262</b><br>Offset Arm              | <ul style="list-style-type: none"> <li>• For flat grinding using platen at or near corners and edges of large radiuses</li> <li>• Contact wheel is offset to prevent gouging</li> </ul>                | 1/2" x 24"                                   | 11078<br>5/8" dia. x 3/8" wide, rubber   | 11026<br>1/2" wide;<br>Hard |
| <b>11297</b><br>Guide-Cut Arm           | <ul style="list-style-type: none"> <li>• Guide wheels prevent undercutting</li> <li>• Removes raised material within .020" or less</li> <li>• Use 60 to 80 grit belts</li> </ul>                       | 1/2" x 24"<br>60 to 80 grit                  | 11090<br>5/8" dia. x 3/8" wide, rubber   | None                        |



# Dynafire® II

## Air-Powered Abrasive Belt Tool



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### Reach Normally Inaccessible Areas

- Grind, deburr, blend and polish, on metal, plastic, fiberglass, composites, rubber, glass and more. Grind from contact wheel or platen pad; finish and polish using slack of belt.
- Lightweight 7° offset design. Grinding head pivots 360° for securing in most efficient position.
- Ergonomic "soft touch" grip.
- Belt guard easily detaches for quick abrasive change; simple belt tracking adjustment knob.



Model 40320

**FOR ABRASIVE BELTS**  
1/8" - 3/4" wide x 18" long  
(3 mm - 19 mm x 457 mm)  
SEE PAGE 270

### Model 40320 For 18" Long Belts

- Includes 11206 Contact Arm for 3/4" wide x 18" long belts (see page 16).
- USA Government National Stock Number 3419015023640.

### Model 40335 For 18" Long Belts

- Includes 11203 Contact Arm for 1/2" wide x 18" long medium non-woven nylon belt (78020).
- Excellent for setting grain lines, achieving consistent satin finish on metals, removing oxide and weld discoloration.

### Model 40381 Slow Speed, For 18" Long Belts

- 1,500 SFPM. Slow speed ensures longer belt life when working on titanium and other exotic materials.
- Includes 11206 Contact Arm for 3/4" wide x 18" long belts (see page 16).

### Model 40326 For 20-1/2" Long Belts

- Includes 11287 Contact Arm for 5/8" or 3/4" wide abrasive belts. (11287 is only arm that accepts 20-1/2" long belts.)

### 40321 Versatility Kit

- Includes 40320 Dynafire® II with 11206 Contact Arm, plus additional 11203 and 11204 Contact Arms. Also includes eight popular abrasive belts, three platen pads, 50010 Collet (1/4") for Die Grinder use, plus 95262 and 95281 Wrenches. All contained in a durable carrying case.
- USA Government National Stock Number 5130012794907.

### 40324 Versatility Kit Metric

- Includes 40320 Dynafire® II with 11206 Contact Arm, plus additional 11203 and 11320 Contact Arms. Also includes eight popular abrasive belts, three platen pads, 50015 Collet (6 mm) for Die Grinder use, plus 95262 and 95281 Wrenches. All contained in a durable carrying case.



Slack of abrasive belt is used to efficiently polish radiused area.



Optional 11200 Stroke Sander Arm leaves in-line scratch pattern.



Dynafire® II easily converts to a Die Grinder with optional 50010 Collet (1/4") or 50015 Collet (6 mm). To convert to a Drill, order 53032 Chuck (1/4").

Model 40321



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm)      | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-----------------------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 40320        | .5 (373)     | 20,000    | 80 dB(A)    | 1/8-3/4 (3-19) W x 18 (457) L     | 28 (793)                   | 4,550 (1,382)      | 2.5 (1.1)         | 14-1/4 (362)     | 4-7/8 (124)      |
| 40326        | .5 (373)     | 20,000    | 80 dB(A)    | 1/8-3/4 (3-19) W x 20-1/2 (521) L | 28 (793)                   | 4,550 (1,382)      | 2.5 (1.1)         | 14-1/4 (362)     | 4-7/8 (124)      |
| 40335        | .5 (373)     | 20,000    | 80 dB(A)    | 1/8-3/4 (3-19) W x 18 (457) L     | 28 (793)                   | 4,550 (1,382)      | 2.5 (1.1)         | 14-1/4 (362)     | 4-7/8 (124)      |
| 40381        | .4 (298)     | 5,000     | 82 dB(A)    | 1/8-3/4 (3-19) W x 18 (457) L     | 24 (680)                   | 1,500 (457)        | 2.8 (1.2)         | 15-1/2 (394)     | 5-3/4 (146)      |

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kits: Models 40320, 40326, 40335 – No. 96044; Model 40381 – No. 96174 (page 267)

# .4 hp Dynafile® II

## Air-Powered Abrasive Belt Tool



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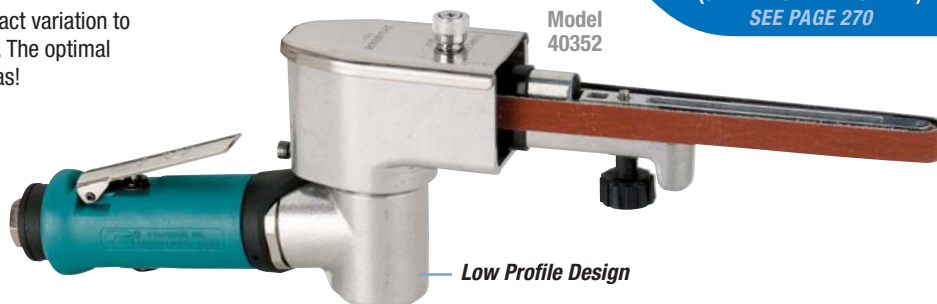
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### Lightweight, Low Profile Version of Dynafile® II

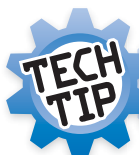
- .4 hp Dynafile® II adds a lightweight, compact variation to Dynabrade's famous Abrasive Belt Tool line. The optimal low profile belt tool for working in tight areas!
- Grind, deburr, blend, finish and polish. Grind from contact wheel or platen pad; finish and polish using slack of belt.
- For use on metal, plastic, fiberglass, composites, glass and more.
- Compact, low profile housing allows easy access in tight spots and previously inaccessible areas.
- Grinding head pivots 360° for additional flexibility.
- Ergonomic 7° offset "soft touch" grip.
- Robust .4 hp air motor serves up ample power.
- Lightweight tool design minimizes operator fatigue and increases efficiency.
- Belt guard easily detaches for quick abrasive change; simple belt tracking adjustment knob.



Model  
40352

Low Profile Design

**FOR ABRASIVE BELTS**  
1/8" - 3/4" wide x 18" long  
(3 mm - 19 mm x 457 mm)  
*SEE PAGE 270*



Dynafile® II easily converts to a Die Grinder with optional 50010 Collet (1/4") or 50015 Collet (6 mm). To convert to a Drill, order 53032 Chuck (1/4").

### Model 40352 For 18" Long Belts

- Includes 11203 Contact Arm, for coated abrasive belts 1/2" wide x 18" long (see page 16).

### Model 40353 For 18" Long Belts

- Includes 11203 Contact Arm for 1/2" wide x 18" long medium non-woven nylon belt (78020).
- Excellent for setting grain lines, achieving consistent satin finish on a variety of metals, and removing oxide and weld discoloration.
- 40375 Rubber Drive Wheel minimizes non-woven nylon belt slippage.



*.4 hp Dynafile® II is ideal for deburring and finishing in tight areas.*



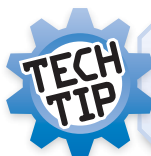
*Optional 11204 Contact Arm offers ability to grind into contours.*



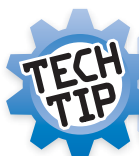
*Optional offset Contact Arm allows belt to conform to a variety of contours.*



*Clean and finish using non-woven nylon belts.*



Arrows located on Dynafile® II belt cover indicate abrasive belt direction. Grinding from the RETURN SIDE of the belt will greatly enhance tool performance and increase belt life.



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm)  | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 40352        | .4 (298)     | 25,000    | 79 dB(A)    | 1/8 - 3/4 (3 - 19) x 18 (457) | 22 (626)                   | 5,730 (1,747)      | 1.9 (.86)         | 14 (356)         | 4-1/8 (105)      |
| 40353        | .4 (298)     | 25,000    | 79 dB(A)    | 1/8 - 3/4 (3 - 19) x 18 (457) | 22 (626)                   | 5,730 (1,747)      | 1.9 (.86)         | 14 (356)         | 4-1/8 (105)      |

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kit: No. 96074 (page 267)

# Vacuum Dynafile® II

## Air-Powered Abrasive Belt Tool



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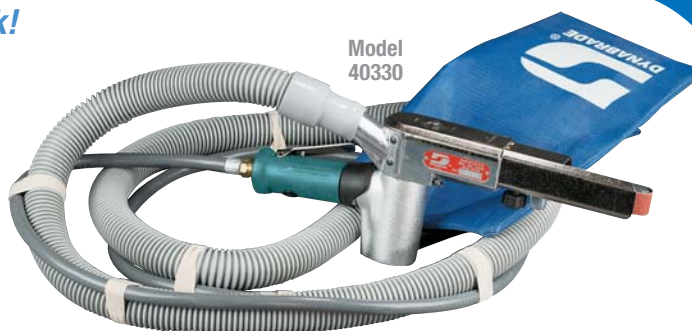
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### Vacuum While You Work!

#### Model 40330

- Includes 11206 Contact Arm for 3/4" wide x 18" long abrasive belts.
- Excellent for grinding, deburring, finishing and polishing.
- Highly portable vacuum system works on tool's exhaust.



**FOR ABRASIVE BELTS**  
1/8" - 3/4" wide x 18" long  
(3 mm - 19 mm x 457 mm)  
SEE PAGE 270

- Includes self-contained "bag-within-bag" dust collection system. 54288 "bag-within-bag" system also sold separately.
- Air line is joined to exhaust hose for superb maneuverability.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm)         | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|--------------------------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 40330        | .5 (373)     | 20,000    | 93 dB(A)    | 1/4-3/4 (6-19) W x 18-24 (457-610) L | 28 (793)                   | 4,550 (1,382)      | 2.5 (1.1)         | 14-1/4 (362)     | 5 (127)          |

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kit: No. 96044 (page 267)

# Electric Dynafile® II

## Electric-Powered Abrasive Belt Tool



**CONTACT ARMS**  
PAGE 16

**ADAPTER**  
PAGE 16

### Electric Version of World-Famous Abrasive Belt Tool

- Electric Dynafile® II runs coated abrasive and non-woven nylon belts, and is ideal for countless applications on metal, plastic, etc.
- Grind with contact wheel or platen pad. Finish and polish using slack of belt.
- Accepts over 20 Contact Arms (see page 16), for belts 1/8" to 3/4" wide x 18" long.
- Comfortable switch with "lock on" feature.
- Easily accessible brushes for quick replacement.
- Sanding head pivots 360°, for working in previously inaccessible areas.
- Reversible side handle for operator comfort.
- Tool is double-insulated for safety, and includes electric cord, 8 feet in length.



**Model 40610 – 120 V (AC)**  
**Model 40615 – 220 V (AC)**

**Model 40610 120 V (AC), 11,000 RPM**

**Model 40615 220 V (AC), 11,000 RPM**

- Each tool includes 11203 Contact Arm, for abrasive belts 1/2" wide by 18" long.

**40611 Versatility Kit 120 V (AC)**

**40616 Versatility Kit 220 V (AC)**

- Includes Electric Dynafile® II with 11203 Contact Arm, and two additional arms (11202 and 11204). Also includes eight abrasive belts of various grits, and an assortment of platen pads. All items contained in a durable carrying case.



| Model Number | Motor RPM | Maximum Watts Out | Abrasive Belt Size Inch (mm)         | Voltage    | Current Amps | Phase | Frequency | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|-----------|-------------------|--------------------------------------|------------|--------------|-------|-----------|-------------------|------------------|------------------|
| 40610        | 11,000    | 680               | 1/4-3/4 (6-19) W x 18-24 (457-610) L | 120 V (AC) | 6            | 1     | 50/60 Hz  | 5 (2.3)           | 19 (483)         | 5-1/2 (140)      |
| 40615        | 11,000    | 680               | 1/4-3/4 (6-19) W x 18-24 (457-610) L | 220 V (AC) | 3,4          | 1     | 50/60 Hz  | 5 (2.3)           | 19 (483)         | 5-1/2 (140)      |

Plug Type: 40610 – USA, 40615 – European Universal • Additional Specifications: Maximum 2,520 SFPM (768 SM/Min)



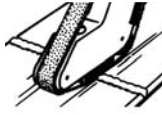


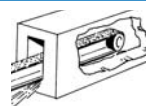



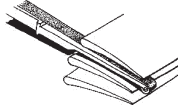
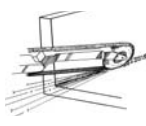
# Dynafile® II Contact Arms

## For Air and Electric Models - 4" to 17" Workable Reach



Optional 40078 Adapter allows use of 24" long belts. Extends reach to 7" when used with standard contact arms

- All rubber Contact Wheels are 70 durometer, unless noted.

| Part Number                | Comments   | Belt Size (W x L)  | Contact Wheel Assembly (includes bearing and shaft)  | Platen Pad (see page 29)                 |
|----------------------------|--|--|--|--|
| 11200                      |   <ul style="list-style-type: none"> <li>• Work on broad areas</li> <li>• Leave in-line scratch</li> <li>• Blend spot welds</li> </ul>   | 1/2" x 18"   | 11088<br>5/8" dia. x 3/8" wide, rubber   | 11025<br>1/2" wide;<br>Soft              |
| 11201                      |   <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Enter channels as small as 7/16"</li> </ul>   | 1/2" x 18"   | 11068<br>5/16" dia. x 3/8" wide, steel   | 11027<br>1/2" wide;<br>Thin              |
| 11202                      |   <ul style="list-style-type: none"> <li>• Enter 5/16" x 3/4" openings</li> </ul>  | 1/4" x 18"   | 11074<br>5/8" dia. x 1/8" wide, rubber   | 11032<br>1/4" wide;<br>Soft              |
| 11203                      | <p>Order 11312 for heavy-duty version.</p>   <ul style="list-style-type: none"> <li>• <b>Standard on Models 40335, 40610 and 40615</b></li> <li>• Grind over contact wheel or platen</li> </ul>                            | 1/2" x 18"   | 11078<br>5/8" dia. x 3/8" wide, rubber   | 11025<br>1/2" wide;<br>Soft              |
| 11204, 11305               |   <ul style="list-style-type: none"> <li>• Unique offset design</li> <li>• Strap polishing is easy with this arm</li> </ul>  | 1/8", 1/4" or<br>1/2" x 18"                                  | 11204: 11080 Wheel,<br>1" dia. x 3/8" wide, 90 duro<br>11305: 11093 Wheel,<br>1" dia. x 3/8" wide, 40 duro<br>(Both wheels radiused rubber)  | None                                     |
| 11206                      | <p>Order 11326 for heavy-duty version.</p>   <ul style="list-style-type: none"> <li>• <b>Standard on Models 15400, 40320, 40330 and 40381</b></li> </ul>   | 5/8" or<br>3/4" x 18"  | 11282<br>3/4" dia. x 5/8" wide, rubber   | 11109<br>3/4" wide;<br>Hard              |
| 11220, 11300, 11301, 11341 |   <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Offset design and miniature contact wheels</li> <li>• 2" strap polish in offset area; polish turbine blades and other contours</li> </ul> | 11220:<br>5/8" or<br>3/4" x 18"<br>All Others:<br>1/2" x 18" | 11220: 11352<br>5/16" dia. x 5/8" wide, steel<br><br>11300: 11332<br>1/4" dia. x 3/8" wide, steel<br><br>11301: 11068<br>5/16" dia. x 3/8" wide, steel<br><br>11341: 11342<br>5/16" dia. x 3/8" wide, rubber | None<br><br>None<br><br>None<br><br>None |
| 11280                      |   <ul style="list-style-type: none"> <li>• Grind corners, enter grooves, strap polish</li> <li>• "V" shape wheel</li> </ul>  | 1/8" or<br>1/4" x 18"  | 11086<br>1" dia. x 3/8" wide,<br>tapered rubber, 90 duro   | None                                     |
| 11286                      |   <ul style="list-style-type: none"> <li>• Optional 11024 Steel Platen Pad available</li> <li>• 6-3/4" workable reach</li> </ul>   | 1/2" x 24"   | 11078<br>5/8" dia. x 3/8" wide, rubber   | 11025<br>1/2" wide;<br>Soft              |
| 11287                      |   <ul style="list-style-type: none"> <li>• <b>Standard on Model 15401 and 40326</b></li> <li>• Grind on wheel or platen</li> <li>• 5-1/4" reach</li> </ul>   | 5/8" or<br>3/4" x 20-1/2"                                    | 11282<br>3/4" x 5/8" wide, rubber  | 11109<br>3/4" wide;<br>Hard              |

# Dynaflex® II Contact Arms

## For Air and Electric Models - 4" to 17" Workable Reach

- All rubber Contact Wheels are 70 durometer, unless noted.



Optional 40078 Adapter allows use of 24" long belts. Extends reach to 7" when used with standard contact arms

| Part Number   | Comments  | Belt Size (W x L)           | Contact Wheel Assembly (includes bearing and shaft) | Platen Pad (see page 29) |
|---|---|-----------------------------|---|--------------------------|
| <b>11304</b><br>"The Banana Arm"<br><br>USA Government<br>National Stock No. 5130012769560                       | <ul style="list-style-type: none"> <li>• Work on broad areas; levels in-line scratch; blend stainless</li> </ul>  | 1/2" x 18"                  | 11078<br>5/8" dia. x 3/8" wide, rubber              | 11132<br>1/2" wide; Hard |
| <b>11312</b><br>                | <ul style="list-style-type: none"> <li>• Heavy-duty steel</li> <li>• Grind over contact wheel or platen</li> </ul>  | 1/2" x 18"                  | 11078<br>5/8" dia. x 3/8" wide, rubber              | 11025<br>1/2" wide; Soft |
| <b>11314</b><br>                | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• File round openings as small as 7/16"</li> </ul>   | 1/4" x 18"                  | 11066<br>5/16" dia. x 1/8" wide, steel              | 11034<br>1/4" wide; Soft |
| <b>11320</b><br>Offset Arm<br>  | <ul style="list-style-type: none"> <li>• For flat grinding using platen at or near corners and edges of large radius round</li> <li>• Contact wheel is offset to prevent gouging</li> </ul> | 1/2" x 18"                  | 5/8" dia. x 3/8" wide, rubber                       | 11026<br>1/2" wide; Hard |
| <b>11321</b><br>                | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Work on contact wheel or platen pad</li> </ul>   | 1/2" x 18"                  | 11070<br>7/16" dia. x 3/8" wide, rubber             | 11025<br>1/2" wide; Soft |
| <b>11322</b><br>   | <ul style="list-style-type: none"> <li>• Guide-cut</li> <li>• Removes raised material within .020" or less without undercutting</li> </ul>  | 1/2" x 18"<br>60 to 80 grit | 11090<br>5/8" dia. x 3/8" wide, rubber              | None                     |
| <b>11325</b><br>   | <ul style="list-style-type: none"> <li>• For flat grinding and heavy stock removal</li> </ul>   | 1/2" x 18"                  | 11078<br>5/8" dia. x 3/8" wide, rubber              | 11024<br>Steel Platen    |
| <b>11329</b><br>   | <ul style="list-style-type: none"> <li>• Extra length arm</li> <li>• 17" workable reach</li> </ul>  | 1/2" x 44"                  | 11078<br>5/8" dia. x 3/8" wide, rubber              | 11025<br>1/2" wide; Soft |
| <b>11330</b><br>            | <ul style="list-style-type: none"> <li>• Enter 1/2" x 1/2" openings</li> </ul>  | 1/4" x 18"                  | 11072<br>7/16" dia. x 1/8" wide, brass              | 11034<br>1/4" wide; Thin |
| <b>11337</b><br>            | <ul style="list-style-type: none"> <li>• Enter channels as narrow as 9/16"</li> </ul>   | 1/2" x 18"                  | 11076<br>7/16" dia. x 3/8" wide, steel              | 11027<br>1/2" wide; Thin |
| <b>11350</b><br>   | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Excellent for cleaning oxide off electrical bus bars</li> <li>• Arm has a 12" workable reach</li> </ul>          | 3/4" x 34"                  | 11352<br>5/16" dia. x 5/8" wide, steel              | Optional<br>3/4" wide    |
| <b>11360</b><br>   | <ul style="list-style-type: none"> <li>• Unique offset design</li> <li>• Grind over contact wheels or strap polish</li> </ul>   | 1/2" x 18"                  | 11078<br>5/8" dia. x 3/8" wide, rubber              | None                     |

# Mini-Dynaflex® II

## Air-Powered Abrasive Belt Tool



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**BENCH MOUNT**  
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*Ideal for Strap Polishing and Working in Narrow Openings*

- Lightweight ergonomic design features 7° offset “soft touch” grip.
- Multi-position grinding head pivots 360°.
- Rear exhaust tool directs some air to front, to cool abrasive belt while running.
- Belt guard easily swivels for quick abrasive change; simple belt tracking adjustment knob.

**FOR ABRASIVE BELTS**  
1/8", 1/4", 1/2" wide x 12" long  
(3 mm, 6 mm, 13 mm x 305 mm)  
*SEE PAGE 270*

### Model 15003 For 12" Long Belts

- Includes 15026 Contact Arm for 1/2" wide x 12" long abrasive belts and 15118 Drive Wheel. (See page 19 for additional Contact Arms.)



### Model 15013 For 13" Long Belts

- Includes 15035 Contact Arm, for abrasive belts 1/4" to 1/2" wide by 13" long.



- For added versatility, tool can be easily converted to Die Grinder with optional 01644 (1/4") Threaded Collet Insert.
- 40378 Rubber Drive Wheel may be ordered separately, for efficient use with optional non-woven nylon belts.



*Ideal for blending stainless steel and grinding right angle welds.*



*Effective for finishing and deburring within narrow openings.*



*Clean and finish using non-woven nylon belts.*



*Finish rough-cut edges quickly and efficiently.*

### 15006 Versatility Kit

- 15003 Tool (15118 Drive Wheel) with 15026 Contact Arm. Also includes 15028 and 15030 Arms.
- 01644 Threaded Collet Insert to easily convert tool to 1/4" Die Grinder. Plus assorted coated and non-woven nylon belts; durable carrying case.



Mini-Dynaflex® II includes **Swiveling Belt Guard**, allowing easy abrasive belt change without removing the guard!



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm)  | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 15003        | .4 (298)     | 25,000    | 80 dB(A)    | 1/8-1/2 (3-13) W x 12 (305) L | 20 (566)                   | 4,890 (1,486)      | 1.8 (.8)          | 11-3/4 (298)     | 3-1/2 (89)       |
| 15013        | .4 (298)     | 25,000    | 83 dB(A)    | 1/4-1/2 (6-13) W x 13 (330) L | 21 (595)                   | 4,890 (1,486)      | 1.6 (.73)         | 12.1 (307)       | 3.9 (99)         |

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" (6 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kit: No. 96074 (page 267)



# Mini-Dynafile® II Contact Arms

## 3" Workable Reach; Exclusive to Mini-Dynafile® II

- All rubber Contact Wheels are 70 durometer, unless noted.

| Part Number  |   | Comments   | Belt Size (W x L)  | Contact Wheel Assembly (includes bearing and shaft)  | Platen Pad (see page 29) |
|--------------|---|--|--------------------|--|--------------------------|
| 15025, 15028 |    | <ul style="list-style-type: none"> <li>• No platen due to offset design</li> <li>• Grind radiuses</li> <li>• Offset for slack polishing</li> </ul> | 1/4" or 1/2" x 12" | 15025: 11093 Wheel, 1" dia. x 3/8" wide, 40 duro rubber<br>15028: 11080 Wheel, 1" dia. x 3/8" wide, 90 duro rubber                 | None                     |
| 15026        |    | <ul style="list-style-type: none"> <li>• <b>Standard on Model 15003</b></li> <li>• Grind corners, enter grooves</li> </ul>                         | 1/2" x 12"         | 11078 5/8" dia. x 3/8" wide, rubber  | 11026 1/2" wide; Hard    |
| 15027        |    | <ul style="list-style-type: none"> <li>• Sand on both sides of arm</li> <li>• Enter confined areas as small as 1/4"</li> </ul>                     | 1/4" x 12"         | 11074 5/8" dia. x 1/8" wide, rubber  | 11033 1/4" wide; Hard    |
| 15029        |   | <ul style="list-style-type: none"> <li>• Grind corners, enter grooves and strap polish</li> </ul>  | 1/8" x 12"         | 11086 1" dia. x 3/8" wide, tapered rubber, 90 duro   | None                     |
| 15030        |  | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Enter channels as narrow as 7/16"</li> </ul>                            | 1/2" x 12"         | 11068 5/16" dia. x 3/8" wide, steel  | 11027 1/2" wide; Thin    |
| 15031        |  | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Work on contact wheel or platen pad</li> </ul>                          | 1/2" x 13"         | 11070 7/16" dia. x 3/8" wide, rubber   | 11027 1/2" wide; Thin    |
| 15032        |  | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Grind, blend and polish turbine blades</li> </ul>                       | 1/2" x 12"         | 11332 1/4" dia. x 3/8" wide, steel   | None                     |
| 15033        |  | <ul style="list-style-type: none"> <li>• <b>45 PSIG maximum</b></li> <li>• Grind, polish turbine blades and other contours</li> </ul>              | 1/2" x 12"         | 11342 5/16" dia. x 3/8" wide, rubber   | None                     |
| 15034        |  | <ul style="list-style-type: none"> <li>• Unique offset design</li> <li>• Strap polishing is easy with this arm</li> </ul>                          | 1/4" or 1/2" x 13" | 11204: 11080 Wheel, 1" dia. x 3/8" wide, 90 duro<br>11305: 11093 Wheel, 1" dia. x 3/8" wide, 40 duro (Both wheels radiused rubber) | None                     |
| 15035        |  | <ul style="list-style-type: none"> <li>• <b>Standard on Model 15013</b></li> <li>• Grind over contact wheel or platen</li> </ul>                   | 1/2" x 13"         | 11078 5/8" dia. x 3/8" wide, rubber  | 11025 1/2" wide; Soft    |

# Dynafire® III

## Air-Powered Abrasive Belt Tool



**CONTACT ARMS**  
PAGE 22

**ACCESSORIES**  
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**COUPLER/PLUG**  
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**BENCH MOUNT**  
PAGE 255

*Excellent for Grinding Welds, Blending and Deburring*

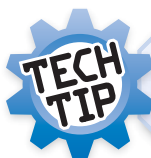
**FOR ABRASIVE BELTS**  
1/4", 1/2", 3/4", 1" wide x 18" long,  
(6 mm, 13 mm, 19 mm, 25 mm x 457 mm)  
SEE PAGE 270

### Model 15300 For 18" Long Belts

- Dynafire® III Abrasive Belt Tool offers all the versatility of our world-famous Dynafire® II, while serving up more power (.7 hp / 522 W) for faster material removal.
- Tool includes high-efficiency Rubber Drive Wheel, ideal for use with all abrasive belts.
- Includes 15350 Contact Arm for 1" wide x 18" long belts (see page 23).
- Tool grinding head pivots 360°.
- Soft grip handle assembly allows operator to apply additional force to contact wheel. Handle also offers enhanced control and maneuverability.
- Optional safety-lock throttle lever is available.



*Below: Strap sanding with optional 15375 Arm*



Several Dynafire® III Contact Arms serve a dual purpose. These Arms are **REVERSIBLE** to allow for platen sanding OR strap polishing. (See page 22.)



Dynafire® II Contact Arms may also be used with Dynafire® III. (See page 16.)



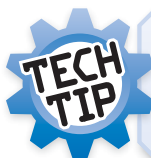
*Utilized for blending scratch patterns and grinding right angle welds.*



*15350 Contact Arm with serrated wheel allows aggressive removal.*

### 15302 Versatility Kit

- Includes 15300 Dynafire® III with 15321, 15350 and 15357 Contact Arms (see page 23), plus assortment of abrasive belts, spare 15336 Drive Wheel, wrenches and hex keys, all in durable carrying case.



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm) | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|------------------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 15300        | .7 (522)     | 20,000    | 87 dB(A)    | 1/4-1 (6-25) W x 18 (457) L  | 32 (906)                   | 4,550 (1,382)      | 3.5 (1.6)         | 14-1/4 (362)     | 4-7/8 (124)      |

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kit: No. 96233 (page 267)

# Dynaflex® III

## Air-Powered Abrasive Belt Tool



**CONTACT ARMS**  
PAGE 22

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**BENCH MOUNT**  
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### Lightweight Models With Popular Contact Arms

- Dynaflex® III Abrasive Belt Tool offers all the versatility of our world-famous Dynaflex® II, while serving up more power (.7 hp / 522 W) for faster material removal.
- Models 15400, 15401 and 15420 do not include side handle, reducing tool weight and allowing greater maneuverability. (53163 side handle is available as an option.)
- All models include high-efficiency Rubber Drive Wheel, ideal for use with all abrasive belts.
- Tool grinding head pivots 180°.

#### Model 15400 For 18" Long Belts

- Includes 11206 Contact Arm for belts 5/8" or 3/4" wide x 18" long (see page 22).

#### Model 15401 For 20-1/2" Long Belts

- Includes 11287 Contact Arm for belts 5/8" or 3/4" wide x 20-1/2" long (see page 22).

#### Model 15360 For 24" Long Belts

- Includes 15368 Contact Arm with extended reach, for belts 1/4" to 1" wide x 24" long (see page 23).
- Extended reach is ideal for use on concave areas of large turbine blades, and many other applications.
- Soft grip handle assembly allows operator to apply additional force to contact wheel. Handle mounts in three positions, providing enhanced control and maneuverability.

#### Model 15420 For 24" Long Belts

- Includes 11702 Contact Arm with unique 4" diameter wheel (see page 22), for grinding or blending right angle welds and fillet welds. Contact Arm includes hand guide for additional control. Saves time and reduces costs!
- Grinds corner welds with no undercutting.
- Tool accepts belts 24" long, in widths of 1/4" or 1/2".

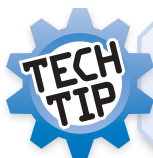
**FOR ABRASIVE BELTS**  
1/4", 1/2", 3/4", 1" wide x 18" long,  
(6 mm, 13 mm, 19 mm, 25 mm x 457 mm)  
*SEE PAGE 270*



15400 Dynaflex® III allows finishing and deburring in restricted areas.



15420 tool (below) includes unique 11702 Contact Arm with hand guide.



Arrows located on Dynaflex® III belt cover indicate abrasive belt direction. Grinding from the RETURN SIDE of the belt will greatly enhance tool performance and increase belt life.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm)          | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|---------------------------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 15360        | .7 (522)     | 23,000    | 91 dB(A)    | 1 (25) W x 24 (610) L                 | 34 (906)                   | 4,550 (1,382)      | 3.35 (1.52)       | 12-3/4 (324)     | 7-1/8 (181)      |
| 15400        | .7 (522)     | 20,000    | 87 dB(A)    | 5/8 (16) or 3/4 (19) W x 18 (457) L   | 32 (906)                   | 4,550 (1,382)      | 2.5 (1.1)         | 14-1/4 (362)     | 4-7/8 (124)      |
| 15401        | .7 (522)     | 20,000    | 87 dB(A)    | 5/8 (16) or 3/4 (19) W x 20.5 (521) L | 32 (906)                   | 4,550 (1,382)      | 2.5 (1.1)         | 15-1/2 (394)     | 4-7/8 (124)      |
| 15420        | .7 (522)     | 20,000    | 87 dB(A)    | 1/4 (6) or 1/2 (13) W x 24 (610) L    | 32 (906)                   | 4,550 (1,382)      | 2.5 (1.1)         | 14 (356)         | 4-7/8 (124)      |

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kits: No. 96233 (page 267)



# Dynaflex® III Contact Arms

## 4" to 6-3/4" Workable Reach

- All rubber Contact Wheels are 70 durometer, unless noted.

| Part Number         | Comments   | Belt Size (W x L)              | Contact Wheel Assembly (includes bearing and shaft)  | Platen Pad (see page 29)    |
|---------------------|--|--------------------------------|--|-----------------------------|
| 11200               |  <ul style="list-style-type: none"> <li>• Work on broad areas</li> <li>• Leave in-line scratch</li> <li>• Blend stainless</li> </ul>  | 1/2" x 18"                     | 11088<br>5/8" dia. x 3/8" wide, rubber   | 11025<br>1/2" wide;<br>Soft |
| 11203               |  <ul style="list-style-type: none"> <li>• <b>Standard on Models 40335 and 40610</b></li> <li>• Grind over contact wheel or platen</li> <li>• Order 11312 for heavy-duty, or 11325 for steel platen version</li> </ul>                                 | 1/2" x 18"                     | 11078<br>5/8" dia. x 3/8" wide, rubber   | 11025<br>1/2" wide;<br>Soft |
| 11204, 11305        |  <ul style="list-style-type: none"> <li>• Unique offset design</li> <li>• Strap polishing is easy with this arm</li> </ul>  | 1/8", 1/4"<br>or<br>1/2" x 18" | 11204: 11080 Wheel,<br>1" dia. x 3/8" wide, 90 duro,<br>radiused rubber<br>11305: 11093 Wheel,<br>1" dia. x 3/8" wide, 40 duro,<br>radiused rubber | None                        |
| 11206               |  <ul style="list-style-type: none"> <li>• <b>Standard on Models 15400, 40320 and 40330</b></li> <li>• Order 11326 for heavy-duty steel construction version</li> </ul>   | 5/8" or<br>3/4" x 18"          | 11282<br>3/4" dia. x 5/8" wide, rubber   | 11109<br>3/4" wide;<br>Hard |
| 11286               |  <ul style="list-style-type: none"> <li>• Optional 11024 Steel Platen Pad available</li> <li>• 6-3/4" workable reach</li> </ul>   | 1/2" x 24"                     | 11078<br>5/8" dia. x 3/8" wide, rubber   | 11025<br>1/2" wide;<br>Soft |
| 11287               |  <ul style="list-style-type: none"> <li>• <b>Standard on Models 15401 and 40326</b></li> <li>• Grind on wheel or platen</li> <li>• 5-1/4" reach</li> </ul>  | 5/8" or<br>3/4" x 20-1/2"      | 11282<br>3/4" dia. x 5/8" wide, rubber   | 11109<br>3/4" wide;<br>Hard |
| 11320<br>Offset Arm |  <ul style="list-style-type: none"> <li>• For flat grinding using platen at or near corners and edges of large radius round</li> <li>• Contact wheel is offset to prevent gouging bus bars</li> </ul>   | 1/2" x 18"                     | 11078<br>5/8" dia. x 3/8" wide, rubber   | 11026<br>1/2" wide;<br>Hard |
| 11702               |  <p>For use on 15420<br/>Dynaflex® III only<br/>(see page 21)</p> <ul style="list-style-type: none"> <li>• Perfectly designed to reach up to 2" in a channel</li> <li>• Great for use with scalloped edge abrasives, blending weld seams</li> </ul> | 1/4" or 1/2"<br>x 24"          | 11638<br>70 durometer<br>4" dia. x 1/2" wide,<br>radiused rubber   | None                        |

# Dynaflex® III Contact Arms

## 4" to 6-3/4" Workable Reach

• All rubber Contact Wheels are 70 durometer, unless noted.

| Part Number | Comments   | Belt Size (W x L) | Contact Wheel Assembly (includes bearing and shaft)         | Platen Pad (see page 29)  |
|-------------|--|-------------------|---|---------------------------|
| 15321       |  <ul style="list-style-type: none"> <li>For flat grinding using platen pad</li> </ul>   | 1" x 18"          | 15320<br>3/4" dia. x 7/8" wide, rubber                      | 15323<br>1" wide;<br>Soft |
| 15326       |  <ul style="list-style-type: none"> <li>Allows for longer reach</li> <li>Grind using platen pad</li> </ul>  | 1" x 24"          | 15320<br>3/4" dia. x 7/8" wide, rubber                      | 15323<br>1" wide;<br>Soft |
| 15350       |  <ul style="list-style-type: none"> <li><b>Standard on Model 15300</b></li> <li>Reversible arm - arm can be flipped to allow for platen sanding or strap polishing</li> </ul> | 1" x 18"          | 15349<br>90 durometer<br>2" dia. x 1" wide, rubber          | 15323<br>1" wide;<br>Soft |
| 15351       |  <ul style="list-style-type: none"> <li>Reversible arm - arm can be flipped to allow for platen sanding or strap polishing</li> </ul>  | 1" x 18"          | 15348<br>70 durometer<br>2" dia. x 1" wide, rubber          | 15323<br>1" wide;<br>Soft |
| 15356       |  <ul style="list-style-type: none"> <li>Reversible arm - arm can be flipped to allow for platen sanding or strap polishing</li> </ul>                                       | 1" x 18"          | 15346<br>40 durometer<br>2" dia. x 5/8" wide, rubber        | 15323<br>1" wide;<br>Soft |
| 15357       |  <ul style="list-style-type: none"> <li>Reversible arm - arm can be flipped to allow for platen sanding or strap polishing</li> <li>"V" shape wheel</li> </ul>              | 1" x 18"          | 15347<br>2" dia. x 1" wide, rubber                          | 15323<br>1" wide;<br>Soft |
| 15368       |  <ul style="list-style-type: none"> <li><b>Standard on Model 15360</b></li> <li>Allows for longer reach</li> <li>Grind using wheel surface</li> </ul>                       | 1" x 24"          | 15359<br>70 durometer<br>1" dia. x 1" wide, serrated rubber | None                      |
| 15375       |  <ul style="list-style-type: none"> <li>Great for strap polishing</li> </ul>  | 1" x 24"          | 15348<br>70 durometer<br>2" dia. x 1" wide, rubber          | None                      |

# Dynabelter®

## Air-Powered Abrasive Belt Tool



**CONTACT ARMS**  
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**ACCESSORIES**  
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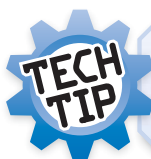
**COUPLER/PLUG**  
PAGE 228

**BENCH MOUNT**  
PAGE 255

*For Weld Grinding, Blending and Finishing on Metal and Other Surfaces*

**FOR ABRASIVE BELTS**  
1", 2" wide x 30" long  
(25 mm, 51 mm x 762 mm)  
SEE PAGE 272

- Dynabelter® is ideal for work on ferrous and non-ferrous metals, wood, plastic, stone and composites.
- Uses include grinding cylinders, deburring castings, cleaning welds and fabricating metals.
- Also excellent for polishing tubing, deburring structural steel, finish-dimensioning on lathe work and blending inside corners.
- Safety-lock lever included on all models.



After attaching new abrasive belt, hold tool by the Contact Wheel and suspend tool vertically, to ensure that the belt is taut. Then tighten knob and flip tension lever.



*Model 11475 is ideal for grinding circumferential welds.*



*Model 11476 grinds weld seam and leaves in-line scratch pattern.*

### Model 11475 *Standard Duty, .7 hp*

- Accepts 1" wide x 30" long abrasive belts.
- Adjustable speed; removable side handle.
- Includes 11681 Contact Arm Assembly (see page 26).
- Ideal for use with 1/4" Dynaswivel® and 95676 Coupler/Plug Assembly.



Model 11475

### Model 11476 *Heavy-Duty, 1.2 hp*

- Accepts 1" wide x 30" long abrasive belts.
- Includes 11681 Contact Arm Assembly (see page 26), and top control handle.
- Ideal for use with 3/8" Dynaswivel® and 98265 Coupler/Plug Assembly.
- USA Government National Stock Number 3680012784349.



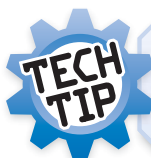
Model 11476

### Model 11477 *Extra Heavy-Duty, 2.0 hp*

- Accepts 2" wide x 30" long abrasive belts.
- Includes pressure bar with top control handle.
- Includes 11870 Contact Arm Assembly (see page 26).
- Ideal for use with 1/2" Dynaswivel® and 98273 Coupler/Plug Assembly.
- 11871 Contact Arm with 4" dia. contact wheel is available for 2" wide x 60" long belts, providing a 20" workable reach.



Model 11477



Placing Dynabelter® handle at a 45° angle from the belt housing will increase pressure while grinding. Pull tool towards you, working off the RETURN SIDE of the belt for faster removal.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm) | Air Inlet Thread | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|------------------------------|------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 11475        | .7 (522)     | 18,000    | 92 dB(A)    | 1/4-1 (6-25) W x 30 (762) L  | 1/4" NPT         | 32 (906)                   | 5,890 (1,789)      | 7.5 (3.4)         | 21 (533)         | 7-1/4 (184)      |
| 11476        | 1.2 (895)    | 13,000    | 89 dB(A)    | 1/4-1 (6-25) W x 30 (762) L  | 3/8" NPT         | 58 (1,643)                 | 4,250 (1,295)      | 10 (4.5)          | 21 (533)         | 7-1/4 (184)      |
| 11477        | 2 (1,492)    | 7,200     | 82 dB(A)    | 1-2 (25-51) W x 30 (762) L   | 1/2" NPT         | 70 (1,982)                 | 4,700 (1,432)      | 14 (6.4)          | 21-1/2 (546)     | 7-3/4 (197)      |

Additional Specifications: Hose I.D. Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)

**Tune-Up Kits:** Model 11475 – No. 96045; Model 11476 – No. 96011; Model 11477 – No. 96259 (page 267)



# Dynabelter® Accu-Grinder

**Air-Powered Abrasive Belt Tool with Adjust-A-Wheel**



**CONTACT ARMS**  
PAGE 26

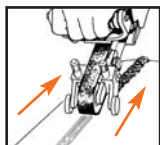
**COUPLER/PLUG**  
PAGE 228

*Grinds Welds Flat, Without Undercutting*

**FOR ABRASIVE BELTS**  
1" wide x 30" long  
(25 mm x 762 mm)  
SEE PAGE 272

## Model 11486 Heavy-Duty, 1.2 hp

- Efficiently removes excess weld material and leaves a narrow "in-line" scratch pattern. This model takes the guesswork out of weld grinding, and prevents undercutting!



- Adjustable guide tires control the depth of abrasive belt cut. Simple twist-knobs adjust depth of cut. Allows controlled grinding on flats, contours and inside/outside of pipes and tanks.
- Includes 11717 Adjust-A-Wheel Contact Arm with 90-durometer standard serrated Contact Wheel, 2" diameter x 1" wide (see page 26).

## Work on Longitudinal Welds:

- I.D. – 12" diameter pipe or larger.
- O.D. – 8" diameter pipe or larger.



Model 11486



*Place 11486 Dynabelter handle at 45° angle from belt housing to increase grinding pressure. Pull tool toward operator for faster material removal.*

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm) | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|------------------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 11486        | 1.2 (895)    | 13,000    | 89 dB(A)    | 1 (25) W x 30 (762) L        | 58 (1,643)                 | 4,250 (1,295)      | 9.0 (4.1)         | 22 (559)         | 7 (178)          |

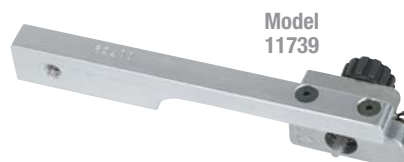
Additional Specifications: Air Inlet Thread 1/2" NPT • Hose I.D. Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kit: No. 96011 (page 267)

# Dynabelter® Accessories

## 11739 Dynabelter® Adapter

- Dynaflex® Contact Arms (see pg. 11), can be mounted on 11475 and 11476 Dynabelter® models with optional 11739 Adapter.
- Allows for work in small areas using 30" belts (8" reach).



Model 11739

## Dynabelter® Contact Arm Extender

- Allows for longer abrasive belts! The Dynabelter® uses standard 30" long abrasive belts, however, these extenders allow Contact Arms to use longer abrasive belts.
- Extenders can only be used with Dynabelter® Contact Arms.

## 11656 Extender

- For 42" belts (13" reach).

## 11657 Extender

- For 54" belts (19" reach).

## 11679 Extender

- For 60" belts (21" reach).



Model 11656





Model 11679

# Dynabelter® Contact Arms

## Variety of Contact Wheels and Wheel Assemblies

- All rubber Contact Wheels are 70 durometer, unless noted.

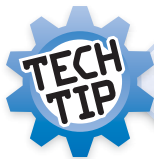
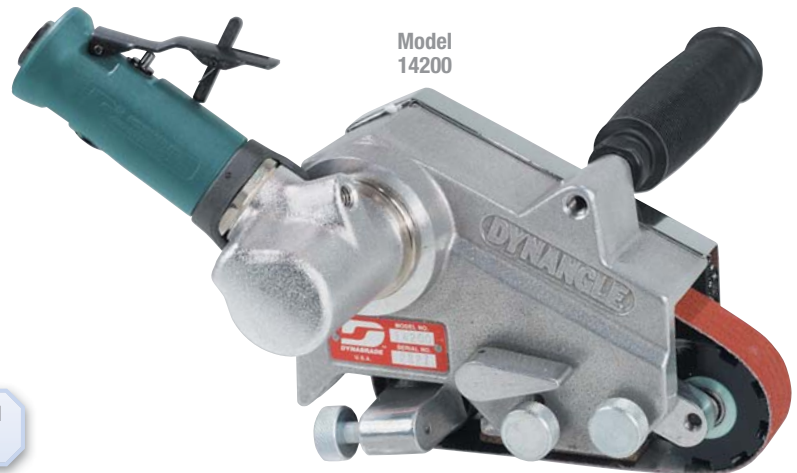
| Part Number | Comments   | Belt Size (W x L)          | Contact Wheel Assembly (includes bearing and shaft)   | Platen Pad (see page 29)     |
|-------------|--|----------------------------|---|------------------------------|
| 11681       |  <ul style="list-style-type: none"> <li>• <b>Standard on Models 11475 and 11476</b></li> <li>• 7-1/2" workable reach</li> <li>• Grind using platen pad</li> </ul>   | 1" x 30"                   | 11650 (Included)<br>70 durometer standard serrated rubber, 2" dia. x 1" wide<br>11618<br>90 durometer standard serrated rubber, 2" dia. x 1" wide   | 11605<br>1" wide;<br>Hard    |
| 11663       |  <ul style="list-style-type: none"> <li>• Grind, deburr, polish over platen</li> <li>• 7-1/2" workable reach</li> </ul>   | 1" x 30"                   | 11616<br>80 durometer smooth rubber, 1" dia. x 1" wide  | 11605<br>1" wide;<br>Hard    |
| 11668       |  <ul style="list-style-type: none"> <li>• Wheel mount pivots to maintain surface contact</li> <li>• Work on broad areas, blend stainless</li> <li>• Leaves "in-line" scratch pattern</li> <li>• 6" workable reach</li> </ul>  | 1" x 30"                   | 11616<br>Two wheels, 80 durometer smooth rubber, 1" dia. x 1" wide  | 11605<br>1" wide;<br>Hard    |
| 11677       |  <ul style="list-style-type: none"> <li>• Grind, blend, polish welds</li> <li>• Strap polish using slack of belt</li> <li>• 7" workable reach</li> </ul>   | 1" x 30"                   | 11620<br>40 durometer smooth rubber, (80 durometer available, 11622)<br>4" dia. x 1"  | None                         |
| 11682       |  <ul style="list-style-type: none"> <li>• Grind, deburr fillet welds, inside corners</li> <li>• 7" workable reach</li> </ul>  | 1/2" or 1" wide x 30" long | 11638<br>70 durometer radiused rubber, 4" dia. x 1/2" wide  | None                         |
| 11684       |  <ul style="list-style-type: none"> <li>• Polish contours without gouging workpiece</li> <li>• Ideal for stainless pipe</li> <li>• 7" workable reach</li> </ul>   | 1" x 30"                   | 11642<br>40 durometer serrated rubber, (80 durometer wheel – 11892; 90 durometer wheel – 11888)<br>4" dia. x 5/8" wide  | None                         |
| 11717       |  <ul style="list-style-type: none"> <li>• For best results when ordering 11717 Contact Arm for Dynabelter Model 11476 add:               <ul style="list-style-type: none"> <li>- 11544 Pressure Bar</li> <li>- Three 95150 Mounting Screws</li> <li>- 11794 Back Wheel Assembly</li> </ul> </li> </ul> | 1" x 30"                   | 11618<br>90 durometer standard serrated urethane<br>2" dia. x 1" wide   | None                         |
| 11870       |  <ul style="list-style-type: none"> <li>• <b>Standard on Model 11477</b></li> <li>• 2" dia. x 2" wide urethane wheel assemblies are only for extra heavy-duty tools</li> <li>• 7" workable reach</li> </ul>   | 2" x 30"                   | 2" dia. x 2" wide rubber assemblies available:<br>11847: (Included) 70 durometer standard serration<br>11849: 70 durometer scoop serration<br>11851: 90 durometer standard serration<br>11853: 90 durometer scoop serration | Optional<br>11659<br>2" wide |

### Powerful Direct-Drive Air Motor with Adjustable Speed

**FOR ABRASIVE BELTS**  
1" wide x 18" long  
(25 mm x 457 mm)  
SEE PAGE 272

#### Model 14200

- Compact tool is ideal for work in tight spots; handle is multi-positional. Perfect for blending radiuses and adding grain to stainless steel sinks.
- Quick and easy abrasive belt change. Accepts coated abrasive belts and non-woven nylon belts.
- Interchangeable Contact Arms match specific applications on stainless steel (see below). Also ideal for refinishing drilling screws and pump screws.
- Includes 14266 Contact Arm and 11605 Hard/Cork Dynapad® Platen Pad.




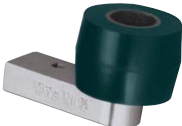
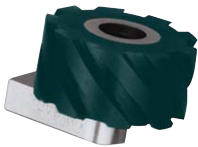
When working on spot welds, lower platen to avoid gouging of work surface with contact wheel.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm) | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|------------------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 14200        | .7 (522)     | 20,000    | 92 dB(A)    | 1 (25) W x 18 (457) L        | 36 (1,020)                 | 6,540 (1,987)      | 4.8 (2.2)         | 11 (279)         | 5 (127)          |

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Tune-Up Kit: No. 95840 (page 267)

## Dynangle Contact Arms

| Part Number  | Belt Size (W x L) | Contact Wheel Assembly (includes bearing and shaft) | Wheel Material        | Surface           | Use                  |
|--|-------------------|---|-----------------------|-------------------|----------------------|
| 14261<br> | 1" x 18"          | 14251<br>1" dia. x 1" wide                          | 70 durometer urethane | Smooth            | 1/2" radiused corner |
| 14263<br> | 1" x 18"          | 14253<br>1-1/2" dia. x 1" wide                      | 70 durometer urethane | Smooth            | 3/4" radiused corner |
| 14266<br> | 1" x 18"          | 14256<br>2" dia. x 1" wide                          | 70 durometer rubber   | Standard serrated | 1" radiused corner   |



# Dynangle II

## Air-Powered Abrasive Belt Tool

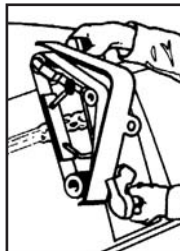


**COUPLER/PLUG**  
PAGE 228

**ACCESSORIES**  
PAGE 222

### Polish, Grind Contours and Flats

- Surface conditions stainless steel and most other metals. Also used on wood, plastic, fiberglass and composites. Blends and finishes solder seams.
- Built-in abrasive belt guard; fast belt change.
- Safety-lock lever-throttle; hanger brackets included for optional overhead suspension.



**FOR ABRASIVE BELTS**  
2" wide x 34" or 45" long  
(51 mm x 864 mm, 1,143 mm)  
SEE PAGE 272

### Model 14300 Single Motor

- Uses 2" x 34" belts; belts spans 11-1/2" for "strap polishing" up to 36" diameter pipe.
- 14350 Conversion Kit available to upgrade single motor model to a dual motor model at a later date, if desired.

**NOTE:** For grinding with a platen pad, dual motor models are recommended.

### Model 14303 Heavy-Duty "Dual Motor" with Platen

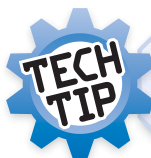
- Heavy-duty "dual motor" for extra power.
- Uses 2" x 34" belts; belts spans 11-1/2" for "strap polishing" up to 36" diameter pipe.
- Includes 2" wide x 6" long platen which is easily removed for strap polishing.

### Model 14306 Heavy-Duty "Dual Motor" with Platen

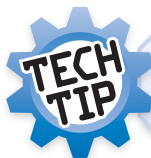
- Heavy-duty "dual motor" for extra power.
- Uses 2" x 45" belts; belts spans 17" for polishing pipe up to 48" diameter.
- Includes 2" wide x 6" long platen which is easily removed for strap polishing.



14300 Dynangle® II is utilized for "strap polishing" on a cylindrical stainless steel surface.



For optimum use of Dynangle II, it is critical that proper air flow is maintained.



To maintain belt tension, use abrasive belts with low-flex or low-stretch backing.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm) | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|------------------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 14300        | 1.2 (895)    | 13,000    | 85 dB(A)    | 2 (51) W x 34 (864) L        | 53 (1,501)                 | 8,500 (2,591)      | 15.1 (6.9)        | 18-7/8 (479)     | 8-1/2 (216)      |
| 14303        | 2.4 (1,790)  | 13,000    | 85 dB(A)    | 2 (51) W x 34 (864) L        | 106 (3,002)                | 8,500 (2,591)      | 18.7 (8.2)        | 18-7/8 (479)     | 9-9/16 (243)     |
| 14306        | 2.4 (1,790)  | 13,000    | 90 dB(A)    | 2 (51) W x 45 (1,143) L      | 106 (3,002)                | 8,500 (2,591)      | 19.2 (8.7)        | 22-7/8 (581)     | 9-1/2 (241)      |

Additional Specifications: Air Inlet Thread 1/2" NPT • Hose I.D. Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)

**Tune-Up Kit: No. 96011** (page 267 – Dual motor models require two Tune-Up Kits)

# "Take-About" Sander

## Air-Powered Abrasive Belt Tool



**COUPLER/PLUG**  
PAGE 228

**ACCESSORIES**  
PAGE 222

*Ideal for Surface Leveling, Graining and Finishing*

### Model 52900

- Heavy-duty 1.3 hp sander (3,500 RPM) powers 3" x 24" abrasive belts, for aggressive material removal on metal and wood.
- Toggle switch offers simple one-step belt tensioning.
- Pistol-grip handle and top control knob allow enhanced operator control.
- Easily adjustable tracking of abrasive belt.
- Tool works well with non-woven nylon belts.
- Safety-lock throttle lever is included.



**FOR ABRASIVE BELTS**  
3" wide x 24" long  
(76 mm x 610 mm)  
SEE PAGE 273

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Abrasive Belt Size Inch (mm) | Max. Air Flow SCFM (L/Min) | Max. SFPM (SM/Min) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|------------------------------|----------------------------|--------------------|-------------------|------------------|------------------|
| 52900        | 1.3 (969)    | 3,500     | 85 dB(A)    | 3 (76) W x 24 (610) L        | 50 (1,416)                 | 2,000 (610)        | 12.5 (5.7)        | 13-1/4 (337)     | 7-1/8 (181)      |

Additional Specifications: Air Inlet Thread 3/8" NPT • Hose I.D. Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)  
Tune-Up Kit: No. 98223 (page 267)

## Contact Arm Platen Pads

### Provide Belt Support on Dynabrade Abrasive Belt Tools

**Soft Platen Pads** • Top facing • Sponge base • Pressure sensitive adhesive

| Part Number | For Use on These Tools                 | Width | Length | Thickness | Package Quantity |
|-------------|--|-------|--------|-----------|------------------|
| 11032       | Dynaflex®, Dynaflex® II                | 1/4"  | 7"     | 1/8"      | 5                |
| 11025       | Dynaflex®, Dynaflex® II, Dynaflex® III | 1/2"  | 7"     | 1/8"      | 5                |
| 11119       | Dynaflex® II                           | 3/4"  | 7"     | 1/8"      | 5                |
| 15323       | Dynaflex® III                          | 1"    | 2"     | 1/8"      | 5                |

*For work on contoured pieces*



Pressure Sensitive Adhesive

11025 Platen Pad affixed to 11218 Dynaflex® Contact Arm



**Hard Platen Pads** • Top facing • Cork base • Pressure sensitive adhesive

| Part Number | For Use on These Tools                                    | Width | Length | Thickness | Package Quantity |
|-------------|---|-------|--------|-----------|------------------|
| 11033       | Mini-Dynaflex® II   | 1/4"  | 7"     | 1/8"      | 5                |
| 11026       | Dynaflex®, Dynaflex® II, Mini-Dynaflex® II, Dynaflex® III | 1/2"  | 7"     | 1/8"      | 5                |
| 11109       | Dynaflex® II, Dynaflex® III                               | 3/4"  | 7"     | 1/8"      | 5                |
| 11135       | Dynaflex®   | 1/2"  | 2"     | 1/8"      | 5                |
| 11605       | Dynabelter  | 1"    | 7"     | 1/8"      | 5                |
| 15324       | Dynaflex® III   | 1"    | 2"     | 1/8"      | 5                |

*For heavy deburring and polishing*



Pressure Sensitive Adhesive

**Thin Platen Pads** • Top facing • Pressure sensitive adhesive

| Part Number | For Use on These Tools                     | Width | Length | Thickness | Package Quantity |
|-------------|--|-------|--------|-----------|------------------|
| 11034       | Dynaflex®, Dynaflex® II                    | 1/4"  | 7"     | 1/32"     | 5                |
| 11027       | Dynaflex®, Dynaflex® II, Mini-Dynaflex® II | 1/2"  | 7"     | 1/32"     | 5                |
| 11129       | Dynaflex® II                               | 3/4"  | 7"     | 1/32"     | 5                |

*For use with Contact Arms with small diameter Contact Wheels (such as 11212)*



Pressure Sensitive Adhesive

**Steel Platens** • Screw attachment

| Part Number | For Use on These Contact Arms        | Width | Length | Thickness | Package Quantity |
|-------------|--------------------------------------|-------|--------|-----------|------------------|
| 11024       | 11286, 11325 (Both for Dynaflex® II) | 1/2"  | 3"     | 1/8"      | 1                |
| 11028*      | 11228 (for Dynaflex®)                | 1/2"  | 3"     | 1/8"      | 1                |

*For flat grinding and heavy stock removal*



\*Includes spacers for lifting and angling of Platen

# Dynabrade Systems & Solutions

For Abrasive Belt Tools – Suggested Tool/Accessory Combinations



| TOOL   | ABRASIVE   | ACCESSORIES  |  |
|--|--|--|--|
| <b>Dynafile®</b><br>Model 14000<br>Page 10                | <b>24" Long Belts</b><br>1/8", 1/4", 1/2"<br>Widths Page 270     | <b>Bench Mounts</b><br>80020, 80015<br>Page 255               | <b>Popular Contact Arms</b> Page 11<br>11213, 11216, 11218, 11219, 11231   |
| <b>Dynafile® II</b><br>Model 40320<br>Page 13             | <b>18" Long Belts</b><br>1/4", 1/2", 3/4"<br>Widths Page 270     | <b>Bench Mounts</b><br>80021, 80015<br>Page 255               | <b>Popular Contact Arms</b> Page 16<br>11203, 11204, 11206 <br><b>Collet Assembly</b> Page 51<br>For Die Grinder Use<br>50010  |
| <b>Mini-Dynafile® II</b><br>Model 15003<br>Page 18        | <b>12" Long Belts</b><br>1/4", 1/2" Widths<br>Page 270           | <b>Popular Contact Arms</b> Page 19<br>15026, 15028, 15030   | <b>Rubber Drive Wheel</b><br>40378<br>Page 18   |
| <b>Dynafile® III</b><br>Model 15300<br>Page 20            | <b>18" Long Belts</b><br>1/4", 1/2", 3/4", 1"<br>Widths Page 270 | <b>Bench Mounts</b><br>80021, 80015<br>Page 255               | <b>Popular Contact Arms</b> Page 23<br>15321, 15326, 15350, 15357    |
| <b>Dynafile® III</b><br>Model 15420<br>Page 21           | <b>24" Long Belts</b><br>1/4", 1/2" Widths<br>Page 270           | <b>Bench Mounts</b><br>80021, 80015<br>Page 255              | <b>Popular Contact Arms</b> Page 23<br>15321, 15326, 15350, 15357   |
| <b>Dynabelter®</b><br>Model 11476<br>Page 24            | <b>30" Long Belts</b><br>1" Widths<br>Page 272                   | <b>Contact Arm</b><br>11717<br>Page 26                      | <b>Adapter</b><br>11739<br>Page 25 <br><b>Extenders</b> Page 25<br>11679, 11657, 11656                                      |
| <b>Electric Dynafile® II</b><br>Model 40610<br>Page 15  | <b>18" Long Belts</b><br>1/4", 1/2", 3/4"<br>Widths Page 270     | <b>Popular Contact Arms</b> Page 16<br>11203, 11204, 11206  | <b>Extension Adapter</b><br>40078<br>Page 16    |

## ESSENTIAL ACCESSORIES

|   |  |   |   |   |
|---|--|---|---|---|
| <b>Metal Capture Downdraft Station</b><br>64350 Page 208  | <b>Air Lube (10W/NR)</b><br>95842 Page 254  | <b>Dynüba 100</b><br>60005 Page 254  | <b>Dynaswivel®</b><br>94300 Page 223                        | <b>Filter-Regulator-Lubricator</b><br>10681 Page 224           |
|   |  | <b>Dynüba 26</b><br>60020 Page 254   | <b>Coupler/Plug Assemblies</b><br>95676, 97572<br>Page 228  | <b>Air Hose Assemblies</b><br>94863, 94852, 94892<br>Page 225  |





# ***ABRASIVE FINISHING TOOLS***

|                                 |    |                                      |    |
|---------------------------------|----|--------------------------------------|----|
| Dynastraight® .....             | 32 | Dynisher .....                       | 40 |
| Lightweight Dynastraight® ..... | 37 | Electric Dynisher .....              | 41 |
| Dynastraight® Flapper .....     | 38 | Dyninger .....                       | 42 |
| Rolling Pin Sander .....        | 39 | Lightweight Dyninger .....           | 43 |
| Mini-Dynisher .....             | 39 | <i>Systems &amp; Solutions</i> ..... | 45 |

***DYNABRADE.COM***



# Dynastraight®

## Air-Powered Abrasive Finishing Tool



**PNEUMATIC WHEELS**  
PAGE 244

**ARBORS**  
PAGE 248

**ACCESSORIES**  
PAGE 222

*For Graining, Cleaning and Polishing on Stainless Steel, Aluminum, Carbon Steel, Composites*

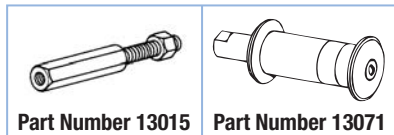
**FOR ABRASIVE BELTS, CONDITIONING DISCS, FLAP WHEELS**  
Up to 8" (203 mm) diameter  
SEE PAGE 269

**Model 13200 950 RPM, .7 hp**

**Model 13500 950 RPM, 1 hp**

- Each model includes 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" diameter center hole.

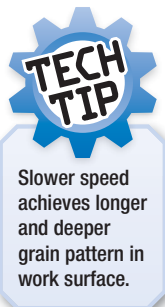
### Arbors



Part Number 13015

Part Number 13071

See page 248 for detailed arbor information.



Slower speed achieves longer and deeper grain pattern in work surface.



13200 Dynastraight® runs optional Non-Woven Nylon Wheel (see page 276).

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Wheel Arbor Diameter | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------|------------------|--------------|-------------------|------------------|------------------|
| 13200        | .7 (522)     | 950       | 84 dB(A)    | 34 (952)                      | 5/8" or 1"           | 1/4" NPT         | 1/2"-20 Male | 4.7 (2.1)         | 14-7/8 (378)     | 1-3/4 (44)       |
| 13500        | 1 (744)      | 950       | 81 dB(A)    | 43 (1,218)                    | 5/8" or 1"           | 3/8" NPT         | 1/2"-20 Male | 5.2 (2.4)         | 15-3/4 (400)     | 1-7/8 (48)       |

**Tune-Up Kit:** 13200 – No. 96260; 13500 – No. 96532 (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

**Model 13501 1,800 RPM, 1 hp**

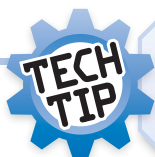
- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" dia. center hole.
- Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92938) may be mounted.

**Model 13521 1,800 RPM, 1 hp**

- 13015 Threaded Arbor (5/8"-11) ideal for use with optional 94472 Dynacushion® Pneumatic Wheel.



Model 13521



When using pneumatic wheels, inflate wheel only enough to hold the abrasive belt without slippage. Over-inflating the wheel can lead to "chatter marks" on the surface.

**Model 13511 1,800 RPM, 6" Extension, 1 hp**

- 5/8" or 1" diameter combo arbor for up to 3" wide wheels with 5/8" or 1" diameter center hole.
- Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92938) may be mounted.
- Cushioned grip enhances operator comfort.

**Model 13531 1,800 RPM, 6" Extension, 1 hp**

- 5/8"-11 threaded arbor accepts up to 3-1/2" wide pneumatic wheels (not included) with threaded 5/8"-11 center hole. Ideal set-up for optional Dynacushion® pneumatic wheel with 5/8"-11 thread (such as 92805).
- Cushioned grip enhances operator comfort.



Model 13511

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Wheel Arbor Diameter | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------|------------------|--------------|-------------------|------------------|------------------|
| 13501        | 1 (744)      | 1,800     | 84 dB(A)    | 34 (952)                      | 5/8" or 1"           | 3/8" NPT         | 1/2"-20 Male | 4.2 (1.9)         | 13-3/8 (339)     | 1-7/8 (48)       |
| 13521        | 1 (744)      | 1,800     | 84 dB(A)    | 34 (952)                      | 5/8"-11 Male         | 3/8" NPT         | 1/2"-20 Male | 3.8 (1.7)         | 14-7/8 (378)     | 1-7/8 (48)       |
| 13511        | 1 (744)      | 1,800     | 82 dB(A)    | 34 (952)                      | 5/8" or 1"           | 3/8" NPT         | N/A          | 4.6 (2.1)         | 17-1/4 (438)     | 1-7/8 (48)       |
| 13531        | 1 (744)      | 1,800     | 82 dB(A)    | 34 (952)                      | 5/8"-11 Male         | 3/8" NPT         | N/A          | 4.2 (1.9)         | 17-1/2 (445)     | 1-7/8 (48)       |

**Tune-Up Kit:** No. 96532 (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)





*For Graining, Cleaning and Polishing on Stainless Steel, Aluminum, Carbon Steel, Composites*

**FOR ABRASIVE BELTS, CONDITIONING DISCS, FLAP WHEELS**  
Up to 8" (203 mm) diameter  
SEE PAGE 269

### Model 13201 3,400 RPM, .7 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels. Any accessory with 1/2" dia. bore may be mounted.

### Model 13202 3,400 RPM, .7 hp

- 13017 Arbor for up to 2" wide x 5/8" I.D. wheels. Any accessory with 5/8" dia. bore may be mounted.

### Model 13204 3,400 RPM, .7 hp

- 13015 Threaded Arbor (5/8"-11) ideal for use with optional 94472 Dynacushion® Pneumatic Wheel.



**WATCH 13204 Dynastraight® at Work!**

### Model 13205 3,400 RPM, .7 hp

- 13071 Combo Arbor for up to 3" wide wheels with 5/8" or 1" dia. center hole. Any Dynacushion® pneumatic wheel with 5/8" bore may be mounted (such as 92936).

### 13220 Versatility Kit

- Includes 13204 Dynastraight; 94472 Dynacushion® Pneumatic Wheel; 98130 Air Chuck (1/4" NPT); 94300 Dynaswivel® (1/4" NPT); 13016 Arbor; assortment of abrasives.



13204 Dynastraight® powers optional 94472 Dynacushion® pneumatic wheel on stainless steel.



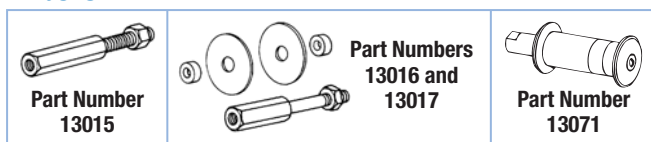
### Model 13502 3,400 RPM, 1 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels. Any accessory with 1/2" dia. bore may be mounted.
- Ideal set-up for optional surface conditioning discs (shown).

### Model 13503 3,400 RPM, 1 hp

- 13017 Arbor for up to 2" wide x 5/8" I.D. wheels. Any accessory with 5/8" dia. bore may be mounted.

### Arbors



See page 248 for detailed arbor information.



Disc Sold Separately

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Wheel Arbor Diameter | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------|------------------|--------------|-------------------|------------------|------------------|
| 13201        | .7 (522)     | 3,400     | 82 dB(A)    | 35 (977)                      | 1/2"                 | 1/4" NPT         | 1/2"-20 Male | 3.9 (1.8)         | 13-5/8 (346)     | 1-3/4 (44)       |
| 13202        | .7 (522)     | 3,400     | 82 dB(A)    | 35 (977)                      | 5/8"                 | 1/4" NPT         | 1/2"-20 Male | 3.9 (1.8)         | 13-5/8 (346)     | 1-3/4 (44)       |
| 13204        | .7 (522)     | 3,400     | 82 dB(A)    | 35 (977)                      | 5/8"-11              | 1/4" NPT         | 1/2"-20 Male | 3.8 (1.7)         | 14-5/8 (371)     | 1-3/4 (44)       |
| 13205        | .7 (522)     | 3,400     | 82 dB(A)    | 35 (977)                      | 5/8" or 1"           | 1/4" NPT         | 1/2"-20 Male | 4.0 (1.8)         | 13-5/8 (346)     | 1-3/4 (44)       |
| 13502        | 1 (744)      | 3,400     | 80 dB(A)    | 43 (1,218)                    | 1/2"                 | 3/8" NPT         | 1/2"-20 Male | 4.3 (2.0)         | 15-1/8 (384)     | 1-7/8 (48)       |
| 13503        | 1 (744)      | 3,400     | 80 dB(A)    | 43 (1,218)                    | 5/8"                 | 3/8" NPT         | 1/2"-20 Male | 4.2 (1.9)         | 13-7/8 (353)     | 1-7/8 (48)       |

**Tune-Up Kit:** .7 hp Models – No. 96260; 1 hp Models – No. 96532 (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)



# Dynastraight®

## Air-Powered Abrasive Finishing Tool



**PNEUMATIC WHEELS**  
PAGE 244

**ARBORS**  
PAGE 248

**ACCESSORIES**  
PAGE 222

*For Graining, Cleaning and Polishing on Stainless Steel, Aluminum, Carbon Steel, Composites*

**FOR ABRASIVE BELTS, CONDITIONING DISCS, FLAP WHEELS**  
Up to 8" (203 mm) diameter  
SEE PAGE 269

### Model 13505 3,400 RPM, 1 hp

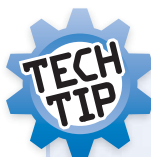
- 13015 Threaded Arbor (5/8" -11) ideal for use with optional 94472 Dynacushion® pneumatic wheel (shown).

### Model 13506 3,400 RPM, 1 hp

- 13071 Combo Arbor for up to 3" wide wheels with 5/8" or 1" diameter center hole. Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92936) may be mounted.

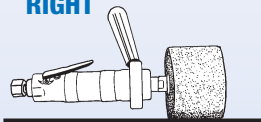


13505 Dynastraight® powers optional 94472 Dynacushion® pneumatic wheel.

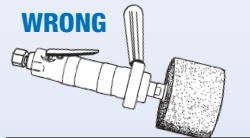


Avoid tipping the pneumatic wheel when operating. Best results will be achieved when keeping the pneumatic wheel as flat on the surface as possible.

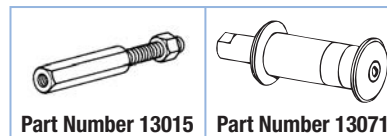
**RIGHT**



**WRONG**



### Arbors



See page 248 for detailed arbor information.

### Model 13512 3,400 RPM, 6" Extension, 1 hp

- 1/2" diameter arbor for up to 2" wide x 1/2" I.D. wheels. Any accessory with 1/2" diameter bore may be mounted.
- Ideal set-up for optional surface conditioning discs (shown).
- Cushioned grip enhances operator comfort.

### Model 13515 3,400 RPM, 6" Extension, 1 hp

- Ideal set-up for optional Dynacushion® wheel.
- Includes threaded arbor for exclusive use with up to 3-1/2" wide pneumatic wheels (wheel not included) with threaded 5/8"-11 center hole (such as 94472).
- Cushioned grip enhances operator comfort.

### Model 13516 3,400 RPM, 6" Extension, 1 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" diameter center hole.
- Any Dynacushion® pneumatic wheel with 5/8" dia. bore (such as 92936) may be mounted.
- Cushioned grip enhances operator comfort.



**WATCH 13515 Dynastraight® at Work!**



Disc Sold Separately



13515 Dynastraight® sets grain pattern in stainless steel.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Wheel Arbor Diameter | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------|------------------|--------------|-------------------|------------------|------------------|
| 13505        | 1 (744)      | 3,400     | 80 dB(A)    | 43 (1,218)                    | 5/8"-11 Male         | 3/8" NPT         | 1/2"-20 Male | 4.2 (1.9)         | 16-1/8 (409)     | 1-7/8 (48)       |
| 13506        | 1 (744)      | 3,400     | 80 dB(A)    | 43 (1,218)                    | 5/8" or 1"           | 3/8" NPT         | 1/2"-20 Male | 4.4 (2.0)         | 14-1/2 (369)     | 1-7/8 (48)       |
| 13512        | 1 (744)      | 3,400     | 80 dB(A)    | 43 (1,218)                    | 1/2                  | 3/8" NPT         | —            | 4.4 (2.0)         | 18-1/2 (471)     | 1-7/8 (48)       |
| 13515        | 1 (744)      | 3,400     | 80 dB(A)    | 43 (1,218)                    | 5/8"-11 Male         | 3/8" NPT         | —            | 4.1 (1.9)         | 18-5/8 (472)     | 1-7/8 (48)       |
| 13516        | 1 (744)      | 3,400     | 80 dB(A)    | 43 (1,218)                    | 5/8" or 1"           | 3/8" NPT         | —            | 4.7 (2.1)         | 18-3/4 (475)     | 1-7/8 (48)       |

**Tune-Up Kit: No. 96532** (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)



*For Material Removal on Stainless Steel, Aluminum, Carbon Steel, Composites*

**FOR ABRASIVE BELTS, CONDITIONING DISCS, FLAP WHEELS**  
Up to 8" (203 mm) diameter  
SEE PAGE 269

### Model 13206 4,500 RPM, .7 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.
- Accessories with 1/2" dia. bore (maximum speed of 4,500 RPM) may be mounted.

### Model 13207 4,500 RPM, .7 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" dia. center hole.
- Accessories with 5/8" dia. bore (maximum speed of 4,500 RPM) may be mounted.

### Model 13214 4,500 RPM, .7 hp

- 13072 Threaded Arbor (5/8"-11), ideal for use with optional 92921 DynaWheel (5" dia. x 1" wide). See page 245.



**WATCH 13206**  
**Dynastraight®**  
**at Work!**



Model 13207

*Wheel Sold Separately*



**Left:**  
Optional 92867 DynaWheel on 13523 Dynastraight®, for concentrated grinding and fast material removal.

### Model 13507 4,500 RPM, 1 hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.

### Model 13508 4,500 RPM, 1 hp

- 13071 Combo Arbor for up to 3" wide wheels with 5/8" or 1" dia. center hole.



**WATCH 13520**  
**Dynastraight®**  
**at Work!**

### Model 13523 4,500 RPM, 1 hp

- 13072 Threaded Arbor (5/8"-11) for exclusive use with optional 92867 or 92868 DynaWheel (5" dia. x 1-1/2" wide). See page 245.

### Model 13517 4,500 RPM, 6" Extension, 1 hp

- 1/2" diameter arbor for up to 2" wide x 1/2" I.D. wheels.

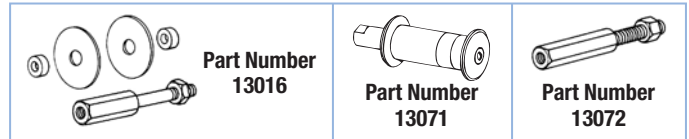
### Model 13518 4,500 RPM, 6" Extension, 1 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" dia. center hole.

### Model 13520 4,500 RPM, 6" Extension, 1 hp

- Threaded arbor for use with up to 3-1/4" dia. pneumatic wheels with threaded 5/8"-11 center hole.
- Cushioned grip enhances comfort (all extension models).

#### Arbors



See page 248 for detailed arbor information.



**Models 13517, 13518 and 13520 are ideal for use with optional coated abrasive flap wheels (shown) and non-woven nylon wheels.**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Wheel Arbor Diameter | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------|------------------|--------------|-------------------|------------------|------------------|
| 13206        | .7 (522)     | 4,500     | 82 dB(A)    | 40 (1,133)                    | 1/2"                 | 1/4" NPT         | 1/2"-20 Male | 3.9 (1.8)         | 13-5/8 (346)     | 1-3/4 (44)       |
| 13207        | .7 (522)     | 4,500     | 82 dB(A)    | 40 (1,133)                    | 5/8" or 1"           | 1/4" NPT         | 1/2"-20 Male | 4.0 (1.8)         | 13-5/8 (346)     | 1-3/4 (44)       |
| 13214        | .7 (522)     | 4,500     | 82 dB(A)    | 40 (1,133)                    | 5/8"-11 Male         | 1/4" NPT         | 1/2"-20 Male | 4.0 (1.8)         | 13-5/8 (346)     | 1-3/4 (44)       |
| 13507        | 1 (744)      | 4,500     | 80 dB(A)    | 41 (1,161)                    | 1/2"                 | 3/8" NPT         | 1/2"-20 Male | 4.3 (2.0)         | 15-1/8 (384)     | 1-7/8 (48)       |
| 13508        | 1 (744)      | 4,500     | 80 dB(A)    | 41 (1,161)                    | 5/8" or 1"           | 3/8" NPT         | 1/2"-20 Male | 4.4 (2.0)         | 15-1/2 (370)     | 1-7/8 (48)       |
| 13517        | 1 (744)      | 4,500     | 80 dB(A)    | 41 (1,161)                    | 1/2"                 | 3/8" NPT         | —            | 4.4 (2.0)         | 18-1/2 (471)     | 1-7/8 (48)       |
| 13518        | 1 (744)      | 4,500     | 80 dB(A)    | 41 (1,161)                    | 5/8" or 1"           | 3/8" NPT         | —            | 4.7 (2.1)         | 18-3/4 (475)     | 1-7/8 (48)       |
| 13520        | 1 (744)      | 4,500     | 80 dB(A)    | 41 (1,161)                    | 5/8"-11 Male         | 3/8" NPT         | —            | 4.4 (2.0)         | 18-5/8 (472)     | 1-7/8 (48)       |
| 13523        | 1 (744)      | 4,500     | 80 dB(A)    | 41 (1,161)                    | 5/8"-11 Male         | 3/8" NPT         | 1/2"-20 Male | 4.3 (2.0)         | 14-1/2 (366)     | 1-7/8 (48)       |

**Tune-Up Kit:** .7 hp Models – No. 96260; 1 hp Models – No. 96532 (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

# Dynastraight® Kits

## Versatility Kits with Finishing Tool and DynaWheel

*For Material Removal on Stainless Steel, Aluminum, Carbon Steel, Composites*

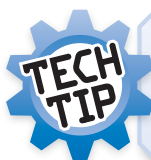
### 13215 Versatility Kit

- 13214 Dynastraight® (4,500 RPM), with 13072 Threaded Arbor (5/8"-11).
- 92921 DynaWheel (5" dia. x 1" wide), ideal for heavy-duty applications.
- 89186 Coated Abrasive Belt (60 grit), 1" wide x 15-1/2" long.
- Also includes 98130 Air Chuck, for controlled inflation of hard-to-reach valve assemblies. 1/4" female NPT. (See page 244.)



### 13535 Versatility Kit

- 13523 Dynastraight® (4,500 RPM), with 13070 Threaded Arbor (5/8"-11).
- 92867 DynaWheel (5" dia. x 1-1/2" wide), ideal for heavy-duty applications.
- Three 89182 Coated Abrasive Belts (60 grit), 1-1/2" wide x 15-1/2" long.
- Also includes 98130 Air Chuck, for controlled inflation of hard-to-reach valve assemblies. 1/4" female NPT. (See page 244.)



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



**All Kits on page also include 98130 Air Chuck!**  
(see page 244)



# Dynastraight® Kit

## Versatility Kits with Finishing Tool and Dynacushion® Wheel

*For Material Removal on Stainless Steel, Aluminum, Carbon Steel, Composites*

### 13525 Versatility Kit

- 13505 Dynastraight® (3,400 RPM), with 13015 Threaded Arbor (5/8"-11).
- 94472 Dynacushion® (5" dia. x 3-1/2" wide), ideal for a variety of applications.
- 89173 Coated Abrasive Belt (120 grit), 3-1/2" wide x 15-1/2" long.
- NEW 89174 Coated Abrasive Belt (180 grit), 3-1/2" wide x 15-1/2" long.
- 89242 Non-Woven Nylon Belt (medium), 3-1/2" wide x 15-1/2" long.
- Also includes 98130 Air Chuck, for controlled inflation of hard-to-reach valve assemblies. 1/4" female NPT. (See page 244.)





# Dynastraight®

## Air-Powered Abrasive Finishing Tool



**PNEUMATIC WHEELS**  
PAGE 244

**ARBORS**  
PAGE 248

**ACCESSORIES**  
PAGE 222

*For Material Removal on Stainless Steel, Aluminum, Carbon Steel, Composites*

FOR ABRASIVE BELTS, CONDITIONING DISCS, FLAP WHEELS  
Up to 8" (203 mm) diameter  
SEE PAGE 269

### Model 13509 6,000 RPM, 1 hp

- 13071 Combo Arbor, for up to 3" wide wheels with 5/8" or 1" diameter center hole.
- Ideal for use with optional 94507 Dynacushion® Pneumatic Wheel (3-1/4" dia. x 3" wide x 5/8" bore).

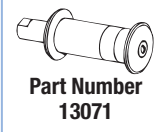


Model 13509



**WATCH 13509 Dynastraight® at Work!**

#### Arbor



### Model 13519 6,000 RPM, 6" Extension, 1 hp

- Threaded arbor for use with up to 3-1/4" diameter pneumatic wheels with threaded 5/8"-11 center hole (such as 94508 Dynacushion®).
- Cushioned grip enhances operator comfort.



Model 13519

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Wheel Arbor Diameter | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------|------------------|--------------|-------------------|------------------|------------------|
| 13509        | 1 (744)      | 6,000     | 82 dB(A)    | 44 (1,256)                    | 5/8" or 1"           | 3/8" NPT         | 1/2"-20 Male | 4.3 (2.0)         | 14-1/2 (369)     | 1-7/8 (48)       |
| 13519        | 1 (744)      | 6,000     | 83 dB(A)    | 44 (1,256)                    | 5/8"-11 Male         | 3/8" NPT         | N/A          | 4.4 (2.0)         | 18-5/8 (472)     | 1-7/8 (48)       |

**Tune-Up Kit: No. 96532** (page 267) • Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

# Lightweight Dynastraight®

## Air-Powered Abrasive Finishing Tool

*Tough, Lightweight Tool for Consistent Finishes*

FOR ABRASIVE BELTS, CONDITIONING DISCS, FLAP WHEELS  
Up to 8" (203 mm) diameter  
SEE PAGE 269

- All models include 13061 Multi-Purpose Arbor for mounting optional abrasive wheels 1/2" to 3" wide (1/2" increments) with 5/8" or 1" center hole.

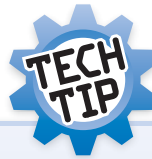
### Model 13100 950 RPM, .4 hp

- Accepts optional accessories with 5/8" bore.
- Also speed-mated for 8" dia. sanding stars. An ideal way to whitewood sand, sealer sand and defuzz.

### Model 13101 3,200 RPM, .4 hp

### Model 13102 5,000 RPM, .4 hp

- Ideal for 1/2" to 3" wide abrasive impregnated non-woven nylon wheels.
- Achieves smooth finishes on stainless steel and composites used in kitchen and bath industries.
- Mount Abrasive Belts with optional 94507 Dynacushion® Pneumatic Wheel (3-1/4" dia. x 3" wide x 5/8" bore). Models 13101 and 13102 only.

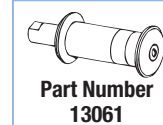


Many Dynastraight® operators find that it is easier to achieve a straight-line pattern by moving the tool in a faster back-and-forth stroke.



**WATCH 13102 Dynastraight® at Work!**

#### Arbor



**13101 Dynastraight® shown with optional 94507 Dynacushion® pneumatic wheel.**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Wheel Arbor Diameter | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------|------------------|--------------|-------------------|------------------|------------------|
| 13100        | .4 (298)     | 950       | 82 dB(A)    | 22 (623)                      | 5/8" or 1"           | 1/4" NPT         | 3/8"-24 Male | 2.2 (1.0)         | 13-1/4 (337)     | 1-5/8 (40)       |
| 13101        | .4 (298)     | 3,200     | 81 dB(A)    | 22 (623)                      | 5/8" or 1"           | 1/4" NPT         | 3/8"-24 Male | 2.2 (1.0)         | 11-1/2 (292)     | 1-5/8 (40)       |
| 13102        | .4 (298)     | 5,000     | 84 dB(A)    | 22 (623)                      | 5/8" or 1"           | 1/4" NPT         | 3/8"-24 Male | 2.2 (1.0)         | 11-1/2 (292)     | 1-5/8 (40)       |

**Tune-Up Kit: No. 96173** (page 267) • Additional Specifications: Hose I.D. Size 1/4" (6 mm) • Air Pressure 90 PSIG (6.2 Bar)

# Dynastraight® Flapper

## Air-Powered Abrasive Finishing Tool



COUPLER/PLUG  
PAGE 228

ACCESSORIES  
PAGE 222

*For Polishing Insides of Pipe and Tubing;  
Excellent for Light Deburring*

- Remove rust, oxide and scale; clean welds, remove paint and surface condition using abrasive flap wheels.
- Adjustable speed, lever throttle, front exhaust.

### Model 51130 18,000 RPM, .5 hp

- Includes 51029 Flap Wheel Adapter.
- Shown with optional Abrasive Flap Wheel, 2-1/2" dia. x 1" wide.

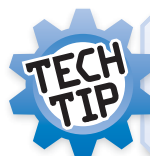


Model 51130

Wheel Sold Separately



Gearless



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



### Model 51134

**18,000 RPM, 8" Extension, .5 hp**

- Includes 51116 Flap Wheel Adapter.
- Shown with optional Abrasive Flap Wheel, 2-1/2" dia. x 1" wide.



Model 51134

Wheel Sold Separately



Gearless

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Always wear eye, face and body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Adapter Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 51130        | .5 (373)     | 18,000    | 81 dB(A)    | 30 (850)                      | 3/8 (10)                 | 1/4" NPT         | 1/4"-20 Female | 1.8 (0.8)         | 7 (178)          | 1-3/4 (44)       |
| 51134        | .5 (373)     | 18,000    | 75 dB(A)    | 30 (850)                      | 3/8 (10)                 | 1/4" NPT         | 1/4"-20 Female | 3.4 (1.5)         | 17-1/8 (435)     | 1-7/8 (48)       |

**Tune-Up Kit:** 51130 – No. 95600, 51134 – No. 96007 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**HIGHEST  
QUALITY!**

**FASTEST  
SHIPPING!**



**FREE ON-SITE  
DEMOS!**

**BEST  
SERVICE!**

## Discover The Dynabrade Difference!

**Dynabrade.com**

# Rolling Pin Sander

## Air-Powered Abrasive Finishing Tool



**PNEUMATIC WHEELS**  
PAGE 244

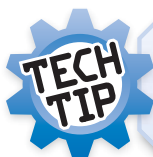
**COUPLER/PLUG**  
PAGE 228

**ACCESSORIES**  
PAGE 222

*For Sanding and Finishing on Contoured Shapes*

### Model 58050 3,200 RPM, .4 hp

- Unique offset handle to control torque.
- Includes 94434 Pneumatic Wheel, 3-1/4" dia. x 7" long. Wheel inflates to 20 PSI max.
- Designed for use with coated abrasive and non-woven nylon belts.



Wheel conforms to wood and metal, and easily inflates/deflates for quick abrasive belt change. Use only 94465 Inflation Tool (see page 243).



**FOR ABRASIVE BELTS**  
7" wide x 10-11/16" long  
(178 mm x 271 mm)  
SEE PAGE 273

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 58050        | .4 (298)     | 3,200     | 82 dB(A)    | 24 (668)                      | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male | 5 (2.3)           | 17-3/4 (452)     | 3-1/4 (83)       |

**Tune-Up Kit: No. 96174** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Mini-Dynisher

## Air-Powered Abrasive Finishing Tool



**PNEUMATIC WHEELS**  
PAGE 244

**DYNASWIVEL®**  
PAGE 223

**ACCESSORIES**  
PAGE 222

*Achieves Superior In-Line Finishes on Metal*

- Powers optional Dynacushion® pneumatic wheel. Finish virtually any shape, contour or material, including stainless steel, aluminum, carbon steel, copper, brass, plastic, fiberglass, composites, wood, etc.

### Model 13301 950 RPM, .4 hp

- Ideal for use with optional 94507 Dynacushion® pneumatic wheel (3-1/4" dia. x 3" wide).
- Accepts abrasive belts 3" wide x 10-11/16" long.

### Model 13300 3,200 RPM, .4 hp

- Ideal for use with optional 94507 Dynacushion® pneumatic wheel (3-1/4" dia. x 3" wide).
- Accepts abrasive belts 3" wide x 10-11/16" long.
- Shroud allows for up to 4-1/2" diameter accessories.



**Order 55064 Adapter to run optional Abrasive Flap Wheels and Interleaf Wheels!**



**13300 Mini-Dynisher powers optional 94507 Dynacushion® pneumatic wheel on stainless steel.**



### 13310 Versatility Kit

- 13300 Mini-Dynisher®; 94507 Dynacushion® pneumatic wheel (3-1/4" dia. x 3" wide); 94465 Wheel Inflation Tool; ceramic coated aluminum oxide belt and medium grade non-woven nylon belt.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Wheel Arbor Diameter | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 13300        | .4 (298)     | 3,200     | 80 dB(A)    | 21 (595)                      | 5/8"                 | 1/4 (6)                  | 1/4" NPT         | 2.8 (1.3)         | 10 (254)         | 7 (178)          |
| 13301        | .4 (298)     | 950       | 81 dB(A)    | 21 (595)                      | 5/8"                 | 1/4 (6)                  | 1/4" NPT         | 3.4 (1.5)         | 10 (254)         | 7 (178)          |

**Tune-Up Kit: No. 96174** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Dynisher

## Air-Powered Abrasive Finishing Tool



**PNEUMATIC WHEELS**  
PAGE 244

**COUPLER/PLUG**  
PAGE 228

**ACCESSORIES**  
PAGE 222

*Achieves Superior In-Line Finishes on Metal*

**FOR ABRASIVE BELTS,  
CONDITIONING DISCS, FLAP WHEELS**  
Up to 5" (127 mm) diameter  
SEE PAGE 269

### Model 13400 3,400 RPM, .7 hp

- Excellent for blending and finishing stainless steel and other metals, leaving an in-line scratch pattern.
- Operator uses back-and-forth motion; guard can be adjusted for work right up to side walls.
- Arbor (3/4" dia.) included for mounting a variety of abrasives and accessories.
- Variable speed control and safety-lock lever throttle.
- Ideal for use with optional 92938 Dynacushion® pneumatic wheel (5" dia. x 3-1/2" wide).



Model 13400

Wheel Sold Separately

### 13410 Versatility Kit

- Includes 13400 Dynisher with 92938 Dynacushion® pneumatic wheel (5" dia. x 3-1/2" wide), two abrasive belts and 98130 Air Chuck.

### Model 13401 3,400 RPM, .7 hp, Metric

- For use with optional 92863 Dynacushion® pneumatic wheel (90 mm x 100 mm wide).

### 13411 Versatility Kit Metric

- Includes 13401 Dynisher with 92863 Dynacushion® pneumatic wheel (90 mm x 100 mm wide), two abrasive belts and 98130 Air Chuck.



### Model 13450 2,800 RPM, 1 hp

- Ideal set-up for optional 92938 Dynacushion® pneumatic wheel (5" dia. x 3-1/2" wide).
- Great for refinishing stainless steel sinks, stainless steel kitchen countertops, etc.
- Slower speed achieves deeper and longer grain pattern in work surface.



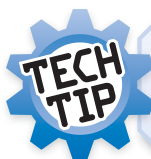
**WATCH 13450**  
*Dynisher at Work!*

### 13460 Versatility Kit

- Includes Model 13450 Dynisher; 92938 Dynacushion® pneumatic wheel; 98130 Air Chuck; 80-grit belt; medium-grade belt; 95541 Grease Gun; 95542 Grease and 95848 Gear Oil.



13450 Dynisher powers optional 92938 Dynacushion® pneumatic wheel.



When using pneumatic wheels, inflate wheel only enough to hold the abrasive belt without slippage. Over-inflating the wheel can lead to "chatter marks" on the surface.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Wheel Arbor Diameter | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 13400        | .7 (522)     | 3,400     | 84 dB(A)    | 41 (1,161)                    | 3/4" (19 mm)         | 3/8 (10)                 | 1/4" NPT         | 4.5 (2.0)         | 13-1/2 (343)     | 9 (229)          |
| 13401        | .7 (522)     | 3,400     | 84 dB(A)    | 41 (1,161)                    | 3/4" (19 mm)         | 3/8 (10)                 | 1/4" NPT         | 4.5 (2.0)         | 13-1/2 (343)     | 9 (229)          |
| 13450        | 1 (744)      | 2,800     | 80 dB(A)    | 41 (1,161)                    | 3/4" (19 mm)         | 3/8 (10)                 | 3/8" NPT         | 5.7 (2.6)         | 15 (381)         | 7 (180)          |

**Tune-Up Kit:** .7 hp Models – No. 96234; 1 hp Model – No. 96532 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Electric Dynisher

## Electric-Powered Abrasive Finishing Tool



**PNEUMATIC WHEELS**  
PAGE 244

**ARBORS**  
PAGE 248

**ACCESSORIES**  
PAGE 222

*Achieves Superior In-Line Finishes on Metal*

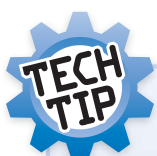
FOR ABRASIVE BELTS,  
CONDITIONING DISCS, FLAP WHEELS  
Up to 5" (127 mm) diameter  
SEE PAGE 269

### Model 51585 120 V (AC), 3,000 RPM

- Ideal for graining, blending, brushing and polishing. Utilized in a variety of industries, on stainless steel and other metals, as well as plastic, composites and more.
- Variable tool speed of 0-3,000 RPM. Operator can pre-select speed to suit each application.
- Electronic module maintains specified tool speed under load.
- Variable speed trigger allows operator to control speed from 0 to selected setting.
- Operator moves tool in easy front-to-back motion, for achieving in-line scratch pattern. Tool guard is adjustable for most efficient use.
- 5/8"-11 spindle and 3/4" arbor allow mounting of a variety of accessories and abrasives.
- Tool accepts optional Dynacushion® Pneumatic Wheel (5" dia. x 3-1/2" wide) and Non-Woven Nylon Wheels. Great versatility!
- Strong 835-watt power output gets the job done fast!

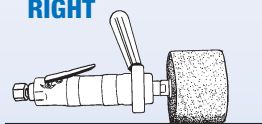


*51585 Electric Dynisher fitted with optional 92937 Dynacushion® Pneumatic Wheel and coated abrasive belt. An ideal setup for achieving in-line scratch pattern on stainless steel.*

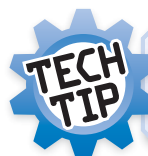
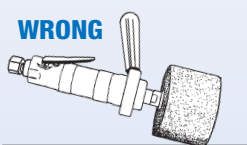


Avoid tipping the pneumatic wheel when operating. Best results will be achieved when keeping the pneumatic wheel as flat on the surface as possible.

**RIGHT**



**WRONG**



When using pneumatic wheels, inflate wheel only enough to hold the abrasive belt without slippage. Over-inflating the wheel can lead to "chatter marks" on the surface.

| Model Number | Motor RPM | Motor hp (W) | Voltage    | Current Amps | Phase | Frequency | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|-----------|--------------|------------|--------------|-------|-----------|-------------------|------------------|------------------|
| 51585        | 0-3,000   | 1.8 (1,342)  | 120 V (AC) | 11           | 1     | 60 Hz     | 9.5 (4.31)        | 17 (432)         | 8 (203)          |

# Dyninger

## Air-Powered Abrasive Finishing Tool



DYNASWIVEL®  
PAGE 223

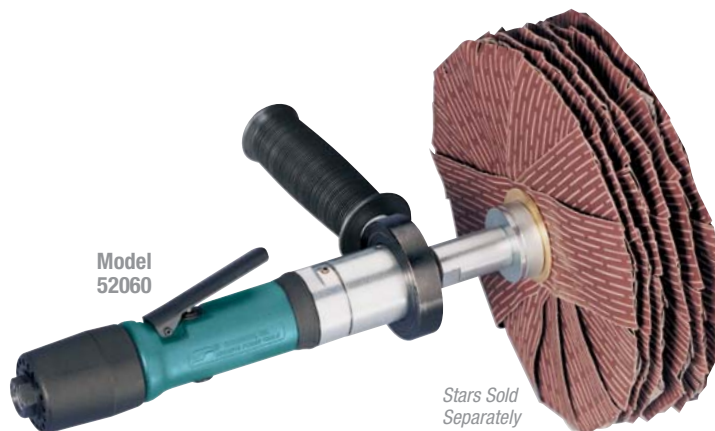
ACCESSORIES  
PAGE 222

*Sand, Defuzz, Blend, Scuff, Denib*

FOR ABRASIVE STARS  
8" (203 mm) diameter  
SEE PAGE 284

### Model 52060 950 RPM, .4 hp

- High torque air motor includes arbor (1" dia.) for mounting up to six coated abrasive stars, 8" diameter with 1" center hole (sold separately).
- Excellent for blending and scuffing sealer coatings on contours and flat surfaces. Whitewood sand raised panels, turnings, moldings and hard-to-reach areas.
- Defuzz wooden grid pattern panels and denibbing raised grain.
- Great for light deburring of metal.
- Extended rear exhaust muffler design.



Model 52060

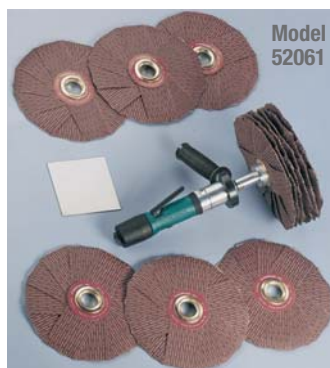
Stars Sold Separately

### 52061 Basic Versatility Kit

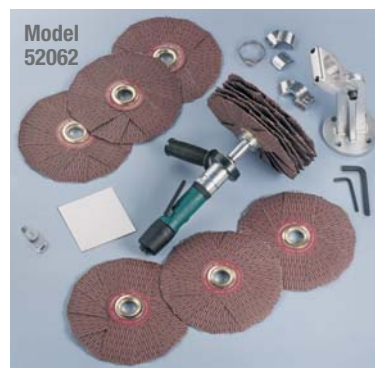
- 52060 Dyninger with 1" dia. arbor.
- 93245 Six Coated Abrasive Stars (120 grit).
- 93251 Six Coated Abrasive Stars (320 grit).
- 52031 Abrasive Dressing Plate.

### 52062 Deluxe Versatility Kit

- 52060 Dyninger with 1" dia. arbor.
- 93245 Six Coated Abrasive Stars (120 grit).
- 93251 Six Coated Abrasive Stars (320 grit).
- 52031 Abrasive Dressing Plate.
- 80020 Dynamount Tool Bench Mount.
- 95745 Speed Control.



Model 52061



Model 52062



For best performance of all sanding stars, prior to application "dress" the abrasive tips against optional 52031 Stainless Steel Abrasive Dressing Plate or equivalent. Also, a piece of hardwood such as oak will do. Dressing will break the stiffness, or flex the abrasives, resulting in a more consistent finish.



Sanding Stars are ideal for work on intricate profiles.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Wheel Arbor Diameter | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|----------------------|------------------|--------------|-------------------|------------------|------------------|
| 52060        | .4 (298)     | 200-950   | 82 dB(A)    | 22 (623)                      | 5/8" or 1"           | 1/4" NPT         | 3/8"-24 Male | 3.7 (1.7)         | 11-1/8 (283)     | 2-3/4 (70)       |

Tune-Up Kit: No. 96173 (page 267) • Additional Specifications: Hose I.D. Size 1/4" (6 mm) • Air Pressure 90 PSIG (6.2 Bar)



# Lightweight Dyninger

## Air-Powered Abrasive Finishing Tool



**COUPLER/PLUG**  
PAGE 228

**ACCESSORIES**  
PAGE 222

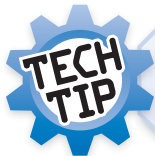
### Use with Spindle-Mount, Arbor-Mount and Eyelet Sanding Stars

- For whitewood/sealer sanding, light deburring of metal, or fabrication and finishing of composite surfaces.
- Excellent for use on wooden parts, moldings, raised panels and intricate profiles. Eliminates raised grain and removes loose fibers when whitewood sanding as well as scuffing sealer coats.
- Tool includes extended rear exhaust muffler and 94407 Air-Flow Control Dynaswivel® fitting for maximum tool maneuverability and control.

**Model 52050** 0-3,200 RPM, .4 hp, 1/4" Collet

**Model 52051** 0-3,200 RPM, .4 hp, 6 mm Collet

- Mount 4" diameter spindle-mount abrasive sanding stars with 1/4" shank, or Eyelet Dy-Cut sanding stars. (Stars sold separately, see page 284.)



The grit and spacing of arbor-mount stars (below) determine sanding aggressiveness. We suggest trying various grit and spacing combinations.

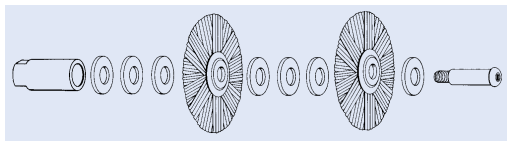


52050 Lightweight Dyninger with optional spindle-mount stars.

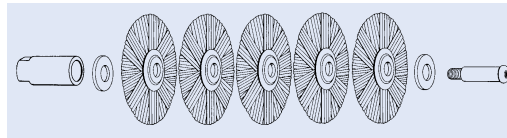
**Model 52052** 0-3,200 RPM, .4 hp, Arbor-Mount

- For running arbor-mount abrasive stars or Dynacushion® wheel.
- Includes 12980 Arbor (1/2" diameter) for mounting up to five 4" diameter arbor-mount sanding stars (1/2" center hole). Arbor includes spacers to be used between the stars for added flexibility. (Stars sold separately, see page 284.)
- Tool includes extended rear exhaust muffler and 94407 Air-Flow Control Dynaswivel® fitting for maximum tool maneuverability and control.

#### Least Aggressive/Most Flexible



#### Most Aggressive/Less Flexible



52052 Lightweight Dyninger with single arbor-mount star attached.

**NOTE:** The rated RPM of a mounted sanding star is reduced when using flexible shafts. When using the flex shaft for finishing inside diameters, place the eyelet sanding star inside the workpiece, then start the tool.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52050        | .4 (298)     | 0-3,200   | 81 dB(A)    | 22 (623)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 2.2 (1.0)         | 9-1/4 (235)      | 1-5/8 (40)       |
| 52051        | .4 (298)     | 0-3,200   | 81 dB(A)    | 22 (623)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 2.2 (1.0)         | 9-1/4 (235)      | 1-5/8 (40)       |
| 52052        | .4 (298)     | 0-3,200   | 81 dB(A)    | 22 (623)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 2.2 (1.0)         | 8-3/4 (222)      | 1-5/8 (40)       |

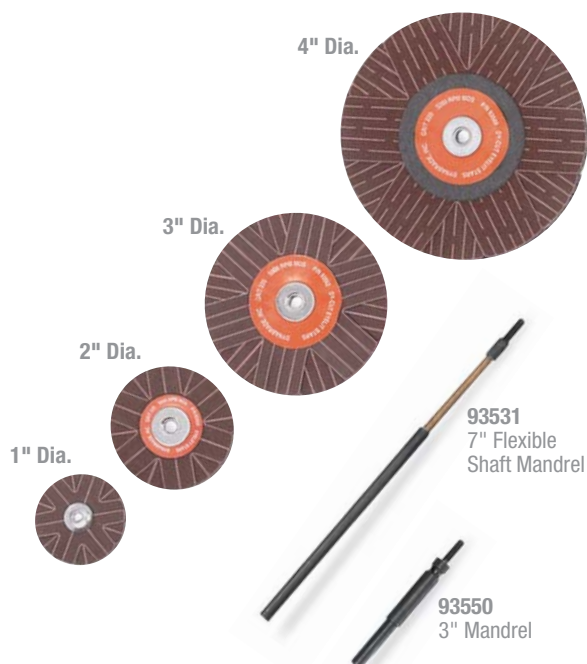
**Tune-Up Kit: No. 96173** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Eyelet Sanding Stars and Mandrels

## Ideal for Deburring and Polishing Hard-to-Reach Areas

### For Use with Lightweight Dyninger

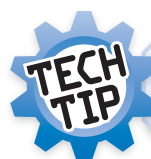
- Eyelet sanding stars are available in the following diameters: 3/4", 1", 1-1/2", 2", 3" and 4".
- Use with Lightweight Dyninger models 52050 and 52051, and Die Grinder models.
- Excellent for wooden parts, moldings, raised panels and intricate profiles. Eliminates raised grain and removes loose fibers when whitewood sanding as well as scuffing sealer coats.
- Provides uniform, smooth surface for achieving the best top coats.
- Metalworking applications include setting in-line scratch on stainless steel.
- Polish and deburr inside diameters of pipe and tubing.



3" Eyelet Sanding Star easily enters pipe elbow using 7" long flexible mandrel.



Sand and deburr inside small dia. pipe and other hard to reach areas with 3/4" – 1-1/2" stars.



The grit and spacing of these stars determine sanding aggressiveness. We suggest trying various grit and spacing combinations.

**NOTE:** The rated RPM of a mounted sanding star is reduced when using flexible shafts. When using the flex shaft for finishing inside diameters, place the eyelet sanding star inside the workpiece, then start the tool.

| ALUMINUM OXIDE COATED ABRASIVES |               |         |          |          |          |          |          |          |                  | STAR MANDREL |           |
|---------------------------------|---------------|---------|----------|----------|----------|----------|----------|----------|------------------|--------------|-----------|
| Star Diameter                   | Female Thread | 80 Grit | 120 Grit | 150 Grit | 180 Grit | 220 Grit | 320 Grit | 400 Grit | Package Quantity | 3" Length    | 7" Length |
| 3/4"                            | 3-48          | 93579   | 93580    | 93581    | 93582    | 93583    | —        | —        | 10               | 93534        | 93533     |
| 1"                              | 3-48          | 93586   | 93587    | 93588    | 93589    | 93590    | —        | —        | 10               | 93534        | 93533     |
| 1-1/2"                          | 8-32          | 93541   | 93542    | 93543    | 93544    | 93545    | 93546    | 93547    | 10               | 93548        | 93532     |
| 2"                              | 1/4"-20       | 93551   | 93552    | 93553    | 93554    | 93555    | 93556    | 93557    | 10               | 93550        | 93531     |
| 3"                              | 1/4"-20       | 93558   | 93559    | 93560    | 93561    | 93562    | 93563    | 93564    | 10               | 93550        | 93531     |
| 4"                              | 1/4"-20       | 93565   | 93566    | 93567    | 93568    | 93569    | —        | —        | 10               | 93550        | 93531     |

# Dynabrade Systems & Solutions

For Abrasive Finishing Tools – Suggested Tool/Accessory Combinations



ABRASIVE FINISHING TOOLS

| TOOL   | ABRASIVE  | ACCESSORIES                              |  |  |
|--|---|--|--|--|
| <b>Dynastraight®</b><br>Model 13204<br>3,400 RPM, .7 hp,<br>Page 33          | <b>15-1/2" Long Belts</b><br><b>3-1/2" Width</b><br>Page 273          | <b>Arbor</b><br>13015<br>Page 248        | <b>Dynacushion®</b><br>94472<br>Page 244       | <b>Coupler/Plug Assy.</b><br>95685<br>Page 228 |
| <b>Dynastraight®</b><br>Model 13502<br>3,400 RPM, 1 hp,<br>Page 33           | <b>6" Dia. DynaStrip Discs</b><br><b>1/2" Center Hole</b><br>Page 280 | <b>Arbor</b> Page 248<br>13016           | <b>Coupler/Plug Assy.</b><br>98267<br>Page 228 | <b>Dynaswivel®</b><br>95461<br>Page 223        |
| <b>Extension Dynastraight®</b><br>Model 13516<br>3,400 RPM, 1 hp,<br>Page 34 | <b>15-1/2" Long Belts</b><br><b>2-3/4" Width</b><br>Page 273          | <b>Arbor</b><br>13071<br>Page 248        | <b>Dynacushion®</b><br>92936<br>Page 244       | <b>Dynaswivel®</b><br>95461<br>Page 223        |
| <b>Dynastraight®</b><br>Model 13214<br>4,500 RPM, .7 hp,<br>Page 35          | <b>15-1/2" Long Belts</b><br><b>1-1/2" Width</b><br>Page 272          | <b>Arbor</b><br>13072<br>Page 248        | <b>DynaWheels</b><br>92921, 92867<br>Page 245  | <b>Dynaswivel®</b><br>94300<br>Page 223        |
| <b>Dynisher</b><br>Model 13450<br>2,800 RPM, 1 hp,<br>Page 40                | <b>15-1/2" Long Belts</b><br><b>3-1/2" Width</b><br>Page 273          | <b>Gear Oil</b><br>95848<br>Page 254     | <b>Dynacushion®</b><br>92938<br>Page 244       | <b>Dynaswivel®</b><br>95461<br>Page 223        |
| <b>Electric Dynisher</b><br>Model 51585<br>0-3,000 RPM<br>Page 41            | <b>15-1/2" Long Belts</b><br><b>3-1/2" Width</b><br>Page 273          | <b>Dynacushion®</b><br>92938<br>Page 244 | <b>Handle Assembly</b><br>53163<br>Page 253    |  |

## ESSENTIAL ACCESSORIES

### Grease

95542  
Page 254



### Grease Gun

95541  
Page 254



### CLEO® Belts

91498, 91499, 91500  
Page 288



### CLEO® Polishing Compounds

Page 288



### Multi-Purpose Arbor

13071  
Page 248



### Low Flow Air Chuck

98130  
Page 244







# **DYNABRADE<sup>®</sup>**

## ***DIE GRINDERS***

### **Non-Vacuum Models**

|                                   |    |
|-----------------------------------|----|
| Pencil Grinders .....             | 47 |
| Quick-Change Pencil Grinder ..... | 49 |
| .4 hp Die Grinders .....          | 52 |
| .5 hp Die Grinders .....          | 59 |
| .55 hp Die Grinder .....          | 62 |
| .7 hp Die Grinders .....          | 63 |
| 1 hp Die Grinders.....            | 67 |

### **Vacuum Models**

|                                     |    |
|-------------------------------------|----|
| Central Vacuum Pencil Grinder ..... | 50 |
| .4 hp Vacuum Die Grinders .....     | 69 |
| .7 hp Vacuum Die Grinders .....     | 70 |
| 1 hp Vacuum Die Grinders .....      | 70 |



# Pencil Grinders

## Rotary Vane Air Motor Models



**COLLET INSERTS**  
PAGE 51

**COUPLER/PLUG**  
PAGE 228

**DYNAJET**  
PAGE 224

**ACCESSORIES**  
PAGE 222

### Precision Deburring and Finishing with Adjustable Speed

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
*SEE PAGE 251*

- An ideal tool for use in casting houses, effective on cast parts of aluminum, bronze and brass. Quickly and efficiently removes gates and parting lines in cast parts.
- High-efficiency rotary vane air motor.
- Adjustable tool speed from 5,000 RPM to 25,000 RPM.
- Operate tool and adjust speed by simply rotating rear roll valve.
- Collet cap has tactile grip to protect operator from rotating collet, and allow fingertip control.
- Changing of attachment is achieved with easy, two-wrench maneuver.
- Unique housing shape allows tool to be held as a traditional Die Grinder.

**Model 52861**  
*1/8" Collet*

**Model 52862**  
*3 mm Collet*

**Model 52863**  
*1/4" Collet*

**Model 52864**  
*6 mm Collet*



**52898 Thread Guard**

**Optional Thread Guard** allows easy access to collet cap. With Thread Guard in place, larger diameter accessories may be run by tool. (All accessories must have maximum operating speed of 25,000 RPM).



Model 52861



Model 52861

*Rotary Vane Pencil Grinder is ideal for precision deburring.*

| Model Number | Motor hp (W) | Collet Size | Motor RPM | Sound Level | Exhaust | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Diameter Inch (mm) |
|--------------|--------------|-------------|-----------|-------------|---------|-------------------------------|--------------------------|------------------|-------------------|------------------|--------------------|
| 52861        | 0.4 (298)    | 1/8"        | 25,000    | 76 dB(A)    | Rear    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 1.1 (.48)         | 5.66 (144)       | 1-1/2 (39)         |
| 52862        | 0.4 (298)    | 3 mm        | 25,000    | 76 dB(A)    | Rear    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 1.1 (.48)         | 5.66 (144)       | 1-1/2 (39)         |
| 52863        | 0.4 (298)    | 1/4"        | 25,000    | 76 dB(A)    | Rear    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 1.1 (.48)         | 5.66 (144)       | 1-1/2 (39)         |
| 52864        | 0.4 (298)    | 6 mm        | 25,000    | 76 dB(A)    | Rear    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 1.1 (.48)         | 5.66 (144)       | 1-1/2 (39)         |

**Tune-Up Kit: No. 96174** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Pencil Grinders

## Turbine-Driven Air Motor Models



**COLLET INSERTS**  
PAGE 51

**COUPLER/PLUG**  
PAGE 228

**DYNAJET**  
PAGE 224

**ACCESSORIES**  
PAGE 222

### Precision Deburring and Finishing on a Variety of Surfaces

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
*SEE PAGE 251*

- High-efficiency air motor has no wearable gears, vanes or blades.
- **No lubrication required!** Oil-free operation minimizes maintenance time and repair costs.
- Air motor is controlled with patented governor, providing constant tool speed under load.
- Quality high-speed bearings are included.
- Housing has "non slip" rubber grip.
- Tactile safety features on shaft end alert operator to rotating collet area.
- Includes high-quality flexible air hose.



Model 51810

*See page 48  
for all models!*



Model 51810

*100,000 RPM Pencil Grinder offers enhanced cut rate.*



# Pencil Grinders

## Turbine-Driven Air Motor Models



**COLLET INSERTS**  
PAGE 51

**COUPLER/PLUG**  
PAGE 228

**DYNAJET**  
PAGE 224

**ACCESSORIES**  
PAGE 222

### Precision Deburring and Finishing on a Variety of Surfaces

**35,000 RPM** with **RED** Tool Cap

**Model 51706**

**1/8" Collet**

**Model 51707**

**3 mm Collet**

**Model 51756**

**1/8" Collet,  
Extension Model**

**Model 51708**

**3/32" Collet**

**Model 51756**

**Extension Model** provides additional reach.



**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
**SEE PAGE 251**

**50,000 RPM** with **GOLD** Tool Cap

**Model 51703**

**1/8" Collet**

**Model 51704**

**3 mm Collet**

**Model 51730**

**1/8" Collet, Ceramic Bearings**

**Model 51732**

**3 mm Collet, Ceramic Bearings**

**Model 51753**

**1/8" Collet, Extension Model**

**Model 51705**

**3/32" Collet**

**Model 51730**

**Ceramic Bearings** provide better performance and durability with regard to high shaft speeds, dirt, extreme temperature and corrosion.



**60,000 RPM** with **TEAL** Tool Cap

**Model 51700**

**1/8" Collet**

**Model 51701**

**3 mm Collet**

**Model 51731**

**1/8" Collet, Ceramic Bearings**

**Model 51733**

**3 mm Collet, Ceramic Bearings**

**Model 51740**

**1/8" Collet, Mount Stem**

**Model 51742**

**3 mm Collet, Mount Stem**

**Model 51750**

**1/8" Collet, Extension Model**

**Model 51702**

**3/32" Collet**

**Model 51740**

**Mount Stem** for use only on robotic arms and other fixed mount applications.



**WATCH Tool  
at Work!**

**100,000 RPM** with **SILVER** Tool Cap • **Ceramic Bearings**

- Speed of 100,000 RPM offers enhanced cut rate. Ideal for use on metals, alloys, graphite, wood, glass and resin with high glass content.

**Model 51810 1/8" Collet**

**Model 51811 1/16" Collet**

**Model 51812 3/32" Collet**

**Model 51813 3 mm Collet**

**Model 51810**

**Ceramic Bearings** included in ALL 100,000 RPM models!



| Model Number | Motor RPM | Sound Level | Exhaust | Maximum Air Flow SCFM (L/Min) | Air Pressure PSIG (Bar) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Diameter Inch (mm) |
|--------------|-----------|-------------|---------|-------------------------------|-------------------------|--------------------------|------------------|-------------------|------------------|--------------------|
| 51706-51708  | 35,000    | 62 dB(A)    | Rear    | 8 (227)                       | 90 (6.2)                | 1/4 (6)                  | 1/4" NPT         | 0.8 (0.4)         | 5-1/4 (132)      | 1-1/2 (39)         |
| 51756        | 35,000    | 62 dB(A)    | Rear    | 8 (227)                       | 90 (6.2)                | 1/4 (6)                  | 1/4" NPT         | 0.8 (0.4)         | 6 (152)          | 1-1/2 (39)         |
| 51703-51705  | 50,000    | 61 dB(A)    | Rear    | 8 (227)                       | 90 (6.2)                | 1/4 (6)                  | 1/4" NPT         | 0.8 (0.4)         | 5-1/4 (132)      | 1-1/2 (39)         |
| 51730-51732  | 50,000    | 66 dB(A)    | Rear    | 8 (227)                       | 90 (6.2)                | 1/4 (6)                  | 1/4" NPT         | 0.8 (0.4)         | 5-1/4 (132)      | 1-1/2 (39)         |
| 51753        | 50,000    | 61 dB(A)    | Rear    | 8 (227)                       | 90 (6.2)                | 1/4 (6)                  | 1/4" NPT         | 0.8 (0.4)         | 6 (152)          | 1-1/2 (39)         |
| 51700-51702  | 60,000    | 66 dB(A)    | Rear    | 8 (227)                       | 90 (6.2)                | 1/4 (6)                  | 1/4" NPT         | 0.8 (0.4)         | 5-1/4 (132)      | 1-1/2 (39)         |
| 51731-51733  | 60,000    | 66 dB(A)    | Rear    | 8 (227)                       | 90 (6.2)                | 1/4 (6)                  | 1/4" NPT         | 0.8 (0.4)         | 5-1/4 (132)      | 1-1/2 (39)         |
| 51740-51742  | 60,000    | 66 dB(A)    | Rear    | 8 (227)                       | 90 (6.2)                | 1/4 (6)                  | 1/4" NPT         | 0.5 (0.2)         | 7-3/16 (182)     | 1-1/2 (39)         |
| 51750        | 60,000    | 66 dB(A)    | Rear    | 8 (227)                       | 90 (6.2)                | 1/4 (6)                  | 1/4" NPT         | 0.8 (0.4)         | 6 (152)          | 1-1/2 (39)         |
| 51810-51813  | 100,000   | 75 dB(A)    | Rear    | 6 (170)                       | 90 (6.2)                | 1/4 (6)                  | 1/4" NPT         | 0.84 (0.38)       | 5-5/16 (135)     | 1-1/2 (39)         |



# Quick-Change Pencil Grinder

## Turbine-Driven Air Motor Models



COLLET INSERTS  
PAGE 51

DYNAJET  
PAGE 224

*Precision Deburring in Time-Saving Design!*

FOR USE WITH  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
SEE PAGE 251

### NEW Quick-Change Lever

Turn lever outward 90° to open collet insert and easily replace accessory.

### NEW Rapid-Stop Brake

Built-in brake stops tool motor within ONE SECOND!

### Built-In Swivel

Provides 360° maneuverability of air line!

### Accepts Variety of Accessories

Powers Carbide Burrs and Mounted Points, sold separately.

### High-Quality Air Line

1/4" (6 mm) in diameter and 6 feet (1.82 m) in length.



93351 Carbide Burr Kit includes 12 Burrs (1/8"). See page 251.

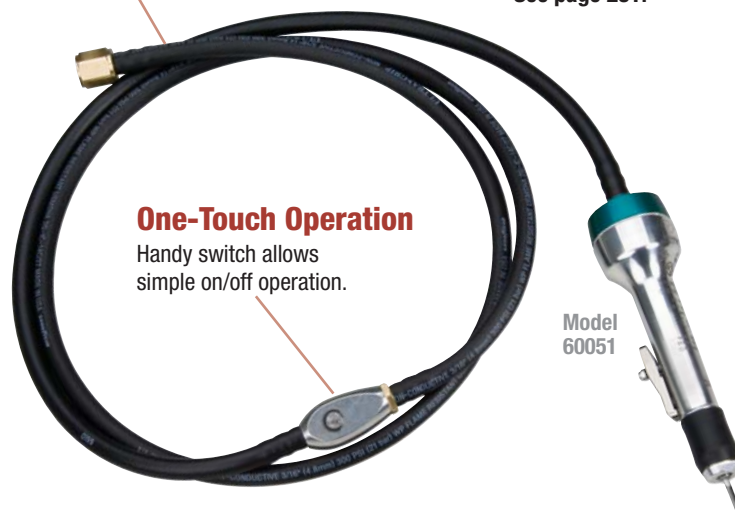
**Model 60051** with **TEAL** Tool Cap  
**60,000 RPM, 1/8" Collet**

**Model 60052** with **RED** Tool Cap  
**35,000 RPM, 3/32" Collet**

- High-efficiency turbine-driven air motor has no wearable gears, vanes or blades.
- Oil-free operation minimizes maintenance time and repair costs.
- Air motor controlled by patented governor, providing constant tool speed under load.
- Tool housing has non-slip rubber grip for additional control.
- Tactile cues on shaft end alert operator to rotating collet area.
- Quality high-speed bearings ensure consistent, reliable operation.
- 1/8" and 3/32" Collets are interchangeable within each model.
- 3 mm Collet (60120) is also available.

### One-Touch Operation

Handy switch allows simple on/off operation.



*Quick-Change Pencil Grinder is ideal for use on tooling, dies, jewelry, molds and intricate parts.*

| Model Number | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Air Pressure PSIG (Bar) | Collet Size (Part No.) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|-----------|-------------|-------------------------------|-------------------------|------------------------|-------------------|------------------|------------------|
| 60051        | 60,000    | 78 dB(A)    | 8 (227)                       | 90 (6.2)                | 1/8" (60118)           | 1.0 (0.45)        | 5-5/16 (135)     | 1-1/2 (38)       |
| 60052        | 35,000    | 65 dB(A)    | 8 (227)                       | 90 (6.2)                | 3/32" (60119)          | 1.0 (0.45)        | 5-5/16 (135)     | 1-1/2 (38)       |

# Central Vacuum Pencil Grinder

## Turbine-Driven Air Motor Models



**COLLET INSERTS**  
PAGE 51

**VACUUM SHROUDS**  
PAGE 221

### Precision Deburring with Source Capture!

- Each model includes urethane Vacuum Shroud, plus high-quality air line and flexible, durable vacuum hose.
- High-efficiency air motor has no wearable gears, vanes or blades. Oil-free operation minimizes maintenance time and repair costs.
- Air motor is controlled with patented governor, providing constant tool speed under load.

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
**SEE PAGE 251**

### 35,000 RPM with RED Tool Cap

#### Model 51622

##### 1/8" Collet

- Includes 51739 Standard Vacuum Shroud.

#### Model 51623

##### 1/8" Collet, Extension Model

- Includes 51785 Extension Vacuum Shroud.
- Greater shaft length provides additional reach.

#### Model 51624

##### 3 mm Collet

- Includes 51739 Standard Vacuum Shroud.



### 50,000 RPM with GOLD Tool Cap

#### Model 51629

##### 1/8" Collet

- Includes 51739 Standard Vacuum Shroud.

#### Model 51630

##### 1/8" Collet, Extension Model

- Includes 51785 Extension Vacuum Shroud.
- Greater shaft length provides additional reach.

#### Model 51631

##### 3 mm Collet

- Includes 51739 Standard Vacuum Shroud.

### 60,000 RPM with TEAL Tool Cap

#### Model 51632

##### 1/8" Collet

- Includes 51739 Standard Vacuum Shroud.

#### Model 51633

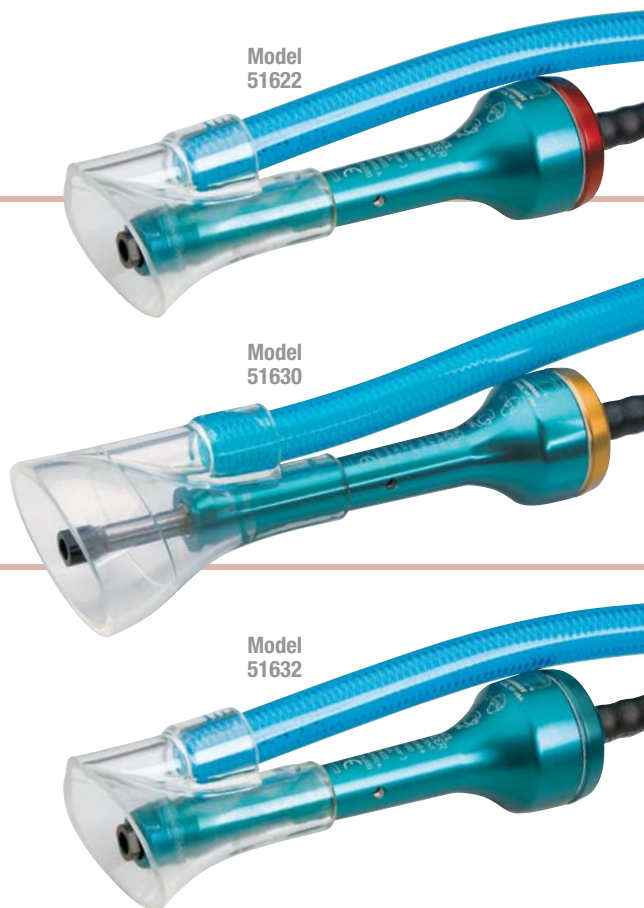
##### 1/8" Collet, Extension Model

- Includes 51785 Extension Vacuum Shroud.
- Greater shaft length provides additional reach.

#### Model 51634

##### 3 mm Collet

- Includes 51739 Standard Vacuum Shroud.



| Model Number | Motor hp (W) | Motor RPM | Maximum Air Flow SCFM (L/Min) | Collet Size | Hose I.D. Size Inch (mm) | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Diameter Inch (mm) |
|--------------|--------------|-----------|-------------------------------|-------------|--------------------------|-------------------------|-------------------|------------------|--------------------|
| 51622        | .1 (75)      | 35,000    | 8 (227)                       | 1/8"        | 1/4 (6)                  | 90 (6.2)                | 1.1 (.5)          | 5-1/4 (132)      | 1-7/8 (49)         |
| 51623        | .1 (75)      | 35,000    | 8 (227)                       | 1/8"        | 1/4 (6)                  | 90 (6.2)                | 1.2 (.5)          | 6 (152)          | 1-7/8 (49)         |
| 51624        | .1 (75)      | 35,000    | 8 (227)                       | 3 mm        | 1/4 (6)                  | 90 (6.2)                | 1.1 (.5)          | 5-1/4 (132)      | 1-7/8 (49)         |
| 51629        | .1 (75)      | 50,000    | 8 (227)                       | 1/8"        | 1/4 (6)                  | 90 (6.2)                | 1.1 (.5)          | 5-1/4 (132)      | 1-7/8 (49)         |
| 51630        | .1 (75)      | 50,000    | 8 (227)                       | 1/8"        | 1/4 (6)                  | 90 (6.2)                | 1.2 (.5)          | 6 (152)          | 1-7/8 (49)         |
| 51631        | .1 (75)      | 50,000    | 8 (227)                       | 3 mm        | 1/4 (6)                  | 90 (6.2)                | 1.1 (.5)          | 5-1/4 (132)      | 1-7/8 (49)         |
| 51632        | .1 (75)      | 60,000    | 8 (227)                       | 1/8"        | 1/4 (6)                  | 90 (6.2)                | 1.1 (.5)          | 5-1/4 (132)      | 1-7/8 (49)         |
| 51633        | .1 (75)      | 60,000    | 8 (227)                       | 1/8"        | 1/4 (6)                  | 90 (6.2)                | 1.2 (.5)          | 6 (152)          | 1-7/8 (49)         |
| 51634        | .1 (75)      | 60,000    | 8 (227)                       | 3 mm        | 1/4 (6)                  | 90 (6.2)                | 1.1 (.5)          | 5-1/4 (132)      | 1-7/8 (49)         |

# Dynabrade Die Grinders

The Choice Is Yours! Discover The Dynabrade Difference!

## Dynabrade Die Grinders Offered in a Variety of Configurations

### Gearred and Gearless Tool Offerings

- Gearred Tools generally have higher torque levels and broader power range, while gearless tools offer reduced maintenance and downtime.

#### Two Types of Gearing

- **Planetary gears** are inline speed reduction gears. The greater the reduction, the higher the torque levels.
- **Right angle bevel gears** turn the spindle of the machine 90° from the motor. Typically there is a speed reduction but not as much as planetary gears.

#### Gearless Tools

- Gearless tools have lower vibration levels due to the omission of transmitting power through gears.
- They offer longer tool life with fewer wearable parts, resulting in reduced maintenance and downtime.
- Among tools with the same horsepower rating, gearless tools will generally have lower torque levels than geared tools.
- Look for the gearless icon (right) to quickly identify a gearless model.



**Gearless**

### Exhaust and Muffler Offerings

- Choose from front exhaust, rear exhaust (with extended muffler), and rear exhaust (with standard muffler).

#### Front Exhaust

- Front exhaust tools direct debris away as tool is running, allowing clear view of work surface.



#### Rear Exhaust

- **Extended muffler design** is ideal for larger hands, as the tool length is extended to accommodate the higher performing, tri-muffling technology.



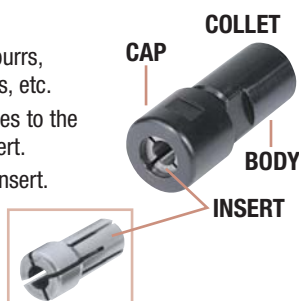
- Abbreviated length of **standard muffler** is ideal for smaller hands.



## Die Grinder Collets and Inserts *Dynabrade Die Grinders Feature Precision-Made Collets and Inserts*

### Terminology

- **COLLET:** Device used to hold carbide burrs, rotary files, mounted points and wheels, etc.
- **BODY:** The part of the collet that secures to the spindle of the tool and accepts the insert.
- **CAP:** Secures collet body and retains insert.
- **INSERT:** The collapsible portion of the collet that retains the shank of the inserted tool.



### Collet Assembly Types

- **Two-Piece:** Insert threads into body.
- **Three-Piece:** Insert slips into body; cap threads to body, retaining the insert.
- **Four-Piece:** Insert slips into body; cap slips over body; nut retains cap and insert.
- **Integrated:** Collet body is integrated into tool.



| TOOL THREAD...                  | ...CHOOSE COLLET... |                    |             | ...THEN CHOOSE COMPATIBLE COLLET INSERT |       |       |       |                    |                    |       |       |                    |       |
|---------------------------------|---------------------|--------------------|-------------|---|-------|-------|-------|--------------------|--------------------|-------|-------|--------------------|-------|
| Tool Thread                     | Collet Size         | Collet Part Number | Collet Type | 1/16"                                   | 3/32" | 1/8"  | 3/16" | 1/4"               | 3/8"               | 2 mm  | 3 mm  | 6 mm               | 8 mm  |
| 3/8"-24 Male<br>(200 series*)   | 1/4"                | 50010              | 3-Piece     |   | 01374 | 50065 | 01375 | 50013 <sup>‡</sup> | 50014              |       |       | 50016              | 50039 |
|                                 | 6 mm                | 50015              | 3-Piece     |   | 01374 | 50065 | 01375 | 50013              | 50014              |       |       | 50016 <sup>‡</sup> | 50039 |
| M8x1 Male<br>(300 series**)     | 1/4"                | 50020              | 2-Piece     |   |       | 01647 |       | 01644 <sup>‡</sup> |                    | 01467 | 01648 | 01648              |       |
|                                 | 1/4"                | 50080              | 3-Piece     |   | 01372 | 01495 | 01373 | 01485 <sup>‡</sup> |                    | 01467 | 01496 | 01497              |       |
|                                 | 6 mm                | 50079              | 3-Piece     |   | 01372 | 01495 | 01373 | 01485              |                    | 01467 | 01496 | 01497 <sup>‡</sup> |       |
|                                 | 1/4"                | 51124              | 4-Piece     |   | 01372 | 01495 | 01373 | 01485 <sup>‡</sup> |                    | 01467 | 01496 | 01497              |       |
|                                 | 6 mm                | 51125              | 4-Piece     |   | 01372 | 01495 | 01373 | 01485              |                    | 01467 | 01496 | 01497 <sup>‡</sup> |       |
|                                 | 3/8"                | 50018              | 3-Piece     |   | 01374 | 50065 | 01375 | 50013              | 50014 <sup>‡</sup> |       |       | 50016              | 50039 |
| 5/16"-24 Male<br>(300 series**) | 1/4"                | 51106              | 4-Piece     |   | 01372 | 01495 | 01373 | 01485 <sup>‡</sup> |                    | 01467 | 01496 | 01497              |       |
|                                 | 6 mm                | 51110              | 4-Piece     |   | 01372 | 01495 | 01373 | 01485              |                    | 01467 | 01496 | 01497 <sup>‡</sup> |       |
| 1/2"-20 Male<br>(200 series*)   | 1/4"                | 50066              | 3-Piece     |   |       | 50065 | 01375 | 50013 <sup>‡</sup> | 50014              |       |       | 50016              | 50039 |
|                                 | 6 mm                | 50073              | 3-Piece     |   |       | 50065 | 01375 | 50013              | 50014              |       |       | 50016 <sup>‡</sup> | 50039 |
| 1/4"-28 Male*                   | 1/4"                | 50055              | 2-Piece     |   |       | 50034 |       |                    |                    |       |       |                    |       |
| <b>Integrated Collets</b>       |                     |                    |             |   |       |       |       |                    |                    |       |       |                    |       |
| .4 hp Rt. Angle Die Grinders**  |                     |                    |             |   | 01372 | 01495 | 01373 | 01485              |                    | 01467 | 01496 | 01497              |       |
| Mini-Dynaflex® II               |                     |                    |             |   |       | 01647 |       | 01644              |                    |       | 01648 | 01646              |       |
| Standard Pencil Grinders        |                     |                    |             | 51780                                   | 51674 | 51659 |       |                    |                    |       | 51673 |                    |       |
| Quick-Change Pencil Grinders    |                     |                    |             |   | 60119 | 60118 |       |                    |                    |       | 60120 |                    |       |



# .4 hp Die Grinders

Straight-Line, Front and Rear Exhaust



COLLET INSERTS  
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DYNASWIVEL®  
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*For Use on Metal, Fiberglass, Carbon Fiber, Composites and More!*

FOR USE WITH  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
SEE PAGE 251

Dynabrade .4 hp (298 W) Die Grinders offer innovative design for peak efficiency and longer life! Ideal for rapid material removal, deburring, finishing and polishing, these tools represent the FINEST in Dynabrade quality and innovation!



**See all models on pages 53-54!**

DIE GRINDERS

## Integrated Safety-Lock Throttle Lever

Included on all models. Contoured shape for operator comfort, with new dowel pin that minimizes lever wear.

## Governor-Controlled Motor

(950 RPM to 30,000 RPM Models)

Maintains consistent motor speed under load and delivers optimal power.

## Ergonomic Tool Housing

Oval-shaped housing conforms to natural shape of hand for optimum comfort.

## Lightweight Tool Design

Each model weighs 0.5 oz (15 g) **less** than its previous version!

## 3-Vane Tool Rotor

3-vane rotor allows wider offering of tool speeds. Achieves stall-torque and horsepower performance equal to tools with 4-vane rotor.



## Thermal Isolation Cavity

Pocket of still air between composite housing and housing core thermally isolates operator's hand from temperature extremes within motor.

## Hardened Tool Cylinder

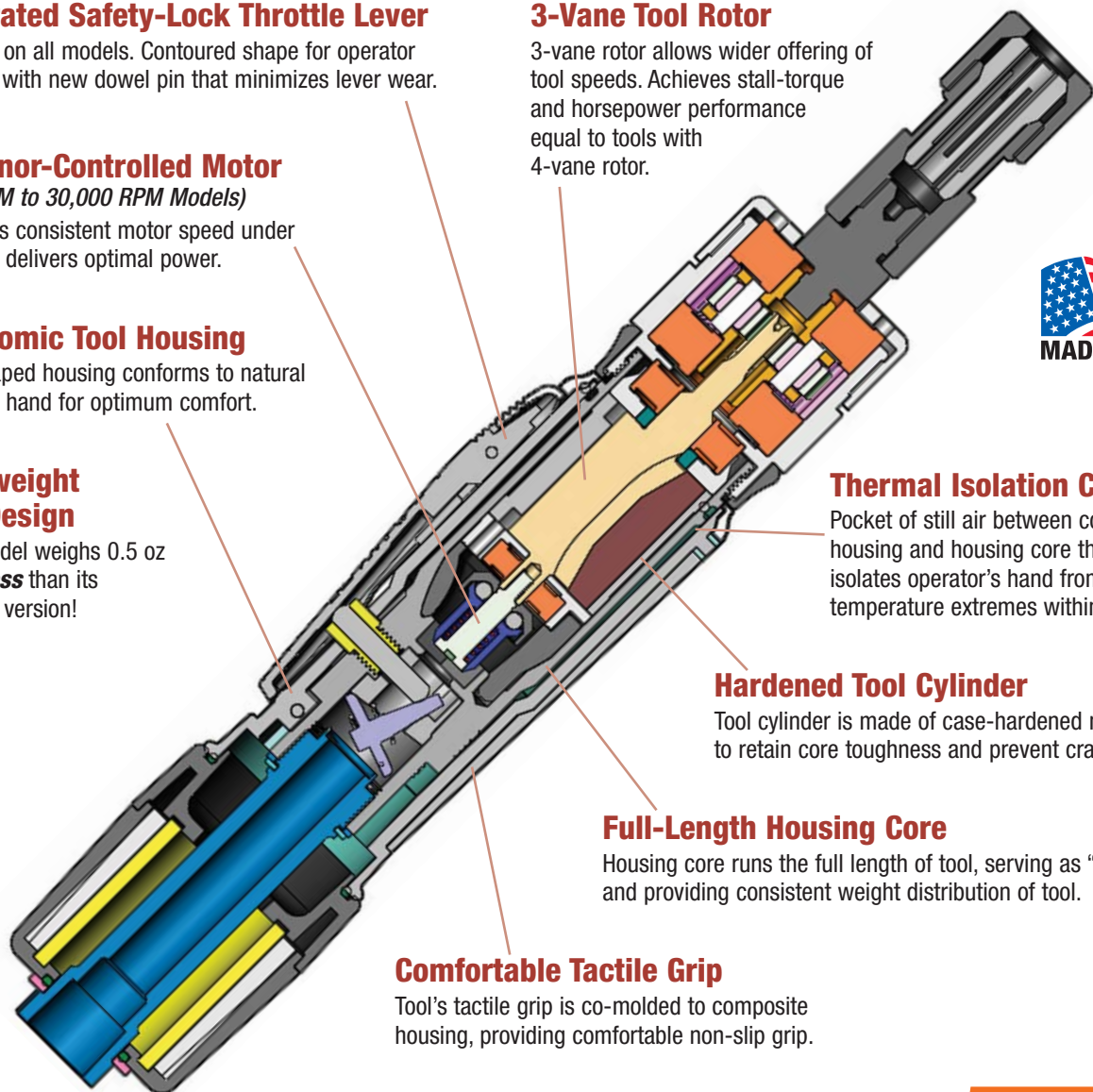
Tool cylinder is made of case-hardened material, to retain core toughness and prevent cracking.

## Full-Length Housing Core

Housing core runs the full length of tool, serving as "backbone" and providing consistent weight distribution of tool.

## Comfortable Tactile Grip

Tool's tactile grip is co-molded to composite housing, providing comfortable non-slip grip.



# .4 hp Die Grinders

**Straight-Line, Governor-Controlled, Rear Exhaust**



**COLLET INSERTS**  
PAGE 51

**COUPLER/PLUG**  
PAGE 228

## High-Quality Air-Powered Die Grinders

- Governor-control maintains consistent motor speed under load and delivers optimal power.
- Extended muffler design ensures lowest sound level.

### Model 47200

**950 RPM, 1/4" & 6 mm Collets**

### Model 47201

**3,200 RPM, 1/4" & 6 mm Collets**

### Model 47202

**5,000 RPM, 1/4" & 6 mm Collets**



Model 47201

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Collet Insert | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|---------------|-------------------------|-------------------|------------------|------------------|
| 47200        | .4 (298)     | 950       | 79 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | 1.9 (.9)          | 11 (280)         | 1.7 (44)         |
| 47201        | .4 (298)     | 3,200     | 75 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | 1.4 (.6)          | 9.8 (250)        | 1.7 (44)         |
| 47202        | .4 (298)     | 5,000     | 78 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | 1.4 (.6)          | 9.8 (250)        | 1.7 (44)         |

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Hose I.D. Size 1/4" (6 mm) • Air Inlet Thread 1/4" NPT

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
**SEE PAGE 251**

**DIE GRINDERS**

# .4 hp Die Grinders

**Straight-Line, Gearless, Rear Exhaust**



**COLLET INSERTS**  
PAGE 51

**COUPLER/PLUG**  
PAGE 228

## High-Quality Air-Powered Die Grinders

- Governor-control maintains consistent motor speed under load and delivers optimal power.
- Gearless motors decrease downtime and lessen repair expense when compared to geared tools.
- Collet design reduces run-out.
- Extended muffler design ensures lowest sound level.

**See page 69 for Vacuum Models!**

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
**SEE PAGE 251**

### Model 48201

**25,000 RPM, 1/4" & 6 mm Collets**

### Model 48203

**30,000 RPM, 1/4" & 6 mm Collets**

### Model 48350

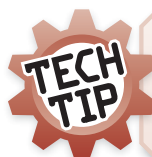
**35,000 RPM, 1/8" & 3 mm Collets**

### Model 48355

**35,000 RPM, 1/4" & 6 mm Collets**



Model 48350



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Collet Insert | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|---------------|-------------------------|-------------------|------------------|------------------|
| 48201        | .4 (298)     | 25,000    | 77 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | .9 (.4)           | 8 (202)          | 1.7 (44)         |
| 48203        | .4 (298)     | 30,000    | 77 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | .9 (.4)           | 8 (202)          | 1.7 (44)         |
| 48350        | .4 (298)     | 35,000    | 79 dB(A)    | 23 (651)                      | 1/8" / 3 mm   | 90 (6.2)                | .9 (.4)           | 8 (202)          | 1.7 (44)         |
| 48355        | .4 (298)     | 35,000    | 79 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | .9 (.4)           | 8 (202)          | 1.7 (44)         |

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Hose I.D. Size 1/4" (6 mm) • Air Inlet Thread 1/4" NPT

# .4 hp Die Grinders

## Straight-Line, Gearless, Rear Exhaust



**COLLET INSERTS**  
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**DYNASWIVEL®**  
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### High-Quality Air-Powered Die Grinders

- Governor-control maintains consistent motor speed under load and delivers optimal power.
- Features standard muffler for more compact design.

#### Model 48360

**20,000 RPM,  
1/4" & 6 mm Collets**

#### Model 48325

**25,000 RPM,  
1/4" & 6 mm Collets**

#### Model 48327

**30,000 RPM,  
1/4" & 6 mm Collets**



Model  
48325

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
*SEE PAGE 251*



**Gearless**

#### Model 48365

**20,000 RPM,  
1/8" & 3 mm Collets**

#### Model 48370

**25,000 RPM,  
1/8" & 3 mm Collets**

#### Model 48345

**30,000 RPM,  
1/8" & 3 mm Collets**

#### Model 48341

**30,000 RPM,  
1/8" & 3 mm Collets**

- Four-piece collet design.

- Four-piece collet design.

- Four-piece collet design.

- Includes 94994 Overhose Assembly.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Collet Insert | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|---------------|-------------------------|-------------------|------------------|------------------|
| 48325        | .4 (298)     | 25,000    | 79 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | .9 (.4)           | 6.5 (166)        | 1.7 (44)         |
| 48327        | .4 (298)     | 30,000    | 76 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | .9 (.4)           | 6.5 (166)        | 1.7 (44)         |
| 48341        | .4 (298)     | 30,000    | 82 dB(A)    | 23 (651)                      | 1/8" / 3 mm   | 90 (6.2)                | .9 (.4)           | 6.5 (166)        | 1.7 (44)         |
| 48345        | .4 (298)     | 30,000    | 82 dB(A)    | 23 (651)                      | 1/8" / 3 mm   | 90 (6.2)                | .9 (.4)           | 6.5 (166)        | 1.7 (44)         |
| 48360        | .4 (298)     | 20,000    | 76 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | .9 (.4)           | 6.4 (162)        | 1.7 (44)         |
| 48365        | .4 (298)     | 20,000    | 76 dB(A)    | 23 (651)                      | 1/8" / 3 mm   | 90 (6.2)                | .9 (.4)           | 6.4 (162)        | 1.7 (44)         |
| 48370        | .4 (298)     | 25,000    | 79 dB(A)    | 23 (651)                      | 1/8" / 3 mm   | 90 (6.2)                | .9 (.4)           | 6.4 (162)        | 1.7 (44)         |

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Hose I.D. Size 1/4" (6 mm) • Air Inlet Thread 1/4" NPT

# .4 hp Die Grinders

## Straight-Line, Gearless, Front Exhaust



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### High-Quality Air-Powered Die Grinders

- Gearless motors decrease downtime and lessen repair expense when compared to geared tools.

#### Model 52200

**25,000 RPM,  
1/4" & 6 mm Collets**

#### Model 52202

**30,000 RPM,  
1/4" & 6 mm Collets**

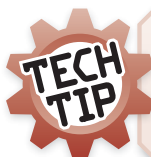


Model  
52200

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
*SEE PAGE 251*



**Gearless**



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 52200        | .4 (298)     | 25,000    | 73 dB(A)    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 0.8 (0.4)         | 5-1/8 (130)      | 1-5/8 (41)       |
| 52202        | .4 (298)     | 30,000    | 84 dB(A)    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 0.8 (0.4)         | 5-1/8 (130)      | 1-5/8 (41)       |

**Tune-Up Kit: No. 96048** (page 267)



# Guide to NEW .4 hp Die Grinders

## Overview of NEW Dynabrade .4 hp Die Grinders, and Previous Models Being Replaced

### Right Angle Models

- All include 1/4" and 6 mm Collets.

#### Front Exhaust

| NEW Model No. | Motor RPM | Page No. | Previous 1/4" Model | Previous 6 mm Model |
|---------------|-----------|----------|---------------------|---------------------|
| 47800         | 12,000    | 57       | 51800               | 51803               |
| 47801         | 15,000    | 57       | 51801               | 51804               |
| 47802         | 20,000    | 57       | 51802               | 51805               |

#### Rear Exhaust, Extended Muffler

| NEW Model No. | Motor RPM | Page No. | Previous 1/4" Model | Previous 6 mm Model |
|---------------|-----------|----------|---------------------|---------------------|
| 46000         | 12,000    | 57       | 50000               | 50003               |
| 46001         | 15,000    | 57       | 50001               | 50004               |
| 46002         | 20,000    | 57       | 50002               | 50005               |

#### Rear Exhaust

| NEW Model No. | Motor RPM | Page No. | Previous 1/4" Model | Previous 6 mm Model |
|---------------|-----------|----------|---------------------|---------------------|
| 49425         | 3,200     | 57       | 53425               | N/A                 |
| 48315         | 12,000    | 57       | 52315               | 52318               |
| 48316         | 15,000    | 57       | 52316               | 52319               |
| 48317         | 20,000    | 57       | 52317               | 52320               |

### Angle-Head Model

- 1/4" Collet

#### Rear Exhaust, Extended Muffler

| NEW Model No. | Motor RPM | Page No. | Previous 1/4" Model | Previous 6 mm Model |
|---------------|-----------|----------|---------------------|---------------------|
| 49420         | 3,200     | Below    | 53420               | N/A                 |

### 7° Offset Models

- All include 1/4" and 6 mm Collets.

#### Rear Exhaust, Extended Muffler

| NEW Model No. | Motor RPM | Page No. | Previous 1/4" Model | Previous 6 mm Model |
|---------------|-----------|----------|---------------------|---------------------|
| 48205         | 25,000    | 58       | 52205               | 52251               |
| 48207         | 30,000    | 58       | 52207               | N/A                 |

#### Rear Exhaust

| NEW Model No. | Motor RPM | Page No. | Previous 1/4" Model | Previous 6 mm Model |
|---------------|-----------|----------|---------------------|---------------------|
| 48335         | 25,000    | 58       | 52335               | 52331               |
| 48337         | 30,000    | 58       | 52337               | 52333               |

#### Rear Exhaust, Extended Muffler (Slow Speed)

| NEW Model No. | Motor RPM | Page No. | Previous 1/4" Model | Previous 6 mm Model |
|---------------|-----------|----------|---------------------|---------------------|
| 47211         | 3,200     | 58       | 51211               | 51214               |
| 47212         | 5,000     | 58       | 51212               | 51215               |

## .4 hp Die Grinder

### Angle-Head, Planetary Geared, Rear Exhaust



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### High-Quality Air-Powered Die Grinders

#### Model 49420 3,200 RPM, 1/4" Collet

- Includes 50055 Collet Assembly and extended rear exhaust muffler to reduce noise levels.
- Governor-controlled motor maintains speed under load.
- Safety-lock lever is included.
- Optional 54585 Side Handle Assembly is available.
- Lightweight thermal-insulated housing reduces cold air transmission and vibration to the operator.



**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
SEE PAGE 251

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread    | Weight Pound (kg) | Length Inch (mm) | Diameter Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|--------------------|
| 49420        | .4 (298)     | 3,200     | 80 dB(A)    | 26 (736)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-28 Female | 1.9 (0.8)         | 11.7 (296)       | 2.1 (53)           |

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .4 hp Die Grinders

## Right Angle and 7° Offset Models

*See Our Features and Benefits: Discover The Dynabrade Difference!*

Available in speeds of 3,200 RPM, 5,000 RPM, 12,000 RPM, 15,000 RPM, 20,000 RPM, 25,000 RPM and 30,000 RPM.

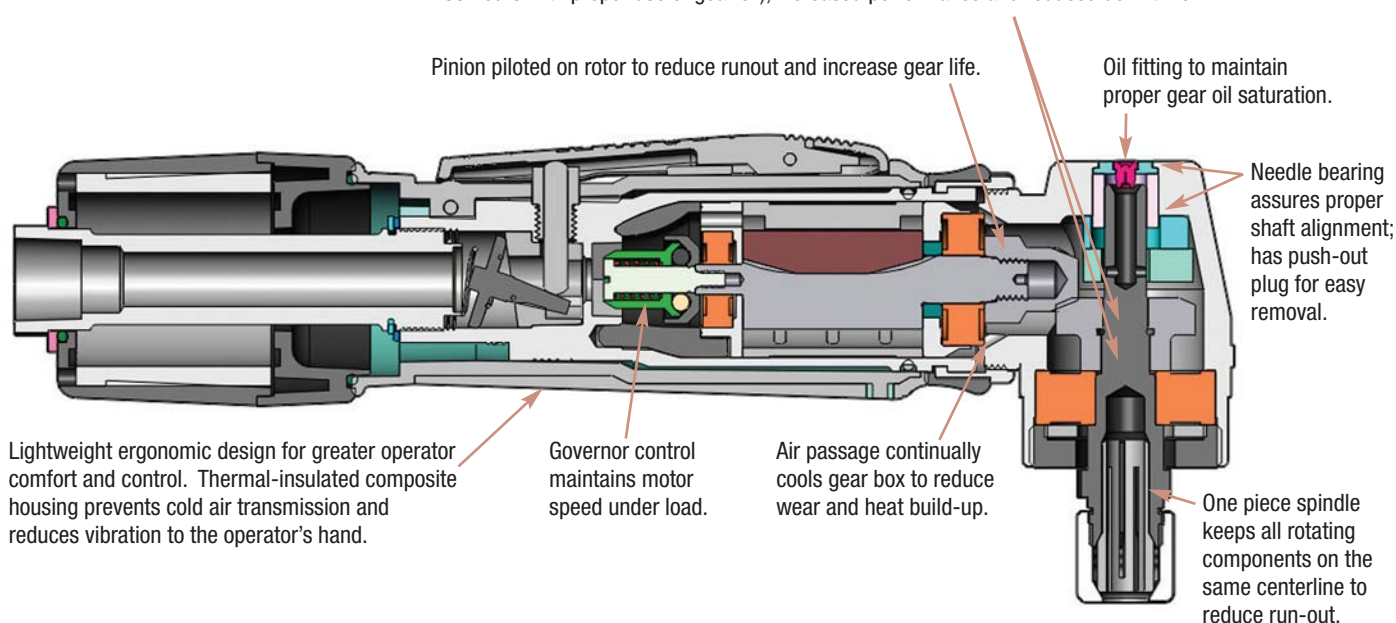
Tools include Kevlar® phenolic vanes for longer life.

Registered trademark of DuPont de Nemours, El, & Co., Inc.

*See all models on pages 57-58!*



Features dual wick lubrication system, saturated with gear oil for extended gear life (over 700 hours with proper use of gear oil), increased performance and reduced downtime.



### Features and Advantages

- Kevlar® phenolic vanes for longer life.
- Lightweight ergonomic design for greater comfort and control.
- One-piece spindle keeps all rotating components on the same centerline for reduced run-out, which means lower vibration levels for enhanced operator comfort.
- Front and rear exhaust models. Air passage to continually cool the gear box – gears last longer!
- Pinion piloted on rotor to reduce run-out.
- Needle bearing assures proper shaft alignment.
- Dual wick lubrication system – saturated with gear oil for extended gear life – over 700 hours. This helps administer the right amount and keep the gear oil on the metal gears.
- Highest horsepower and torque levels of any similar competitive product.

### Benefits

- Increased performance from higher torque levels. You can really “work” these tools. Stall out torque is the highest in the marketplace.
- We use **Gear Oil** as opposed to grease. **Gear Oil** is *specifically formulated to STICK TO METAL*. Grease does not stick and the centrifugal force of the spinning gears throws the grease away from the metal surface.
- Longer gear life means reduced downtime and less costly repairs.
- Front and rear exhaust models – user can decide which configuration is right for them. More choice means more control of their purchase.
- Insulated housings provide “warm tools” for the users and helps prevent worker’s injuries like “white finger”.
- Lower vibration levels help prevent worker injuries such as Carpal Tunnel Syndrome. Machines are easier to use because they do not “buzz” in your hands. Workers can use smooth running machines longer.
- Low profile machines are ideal for “hard-to-reach” areas. A performance plus!
- All machines are perfectly compatible with all Dynabrade Accessories. Providing systemized solutions for our customers is a key to Dynabrade’s success.

# .4 hp Die Grinders

Right Angle, Front and Rear Exhaust



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## High-Quality Air-Powered Die Grinders

### Front Exhaust Models

- Governor-controlled motor maintains speed under load.

#### Model 47800

12,000 RPM, 1/4" & 6 mm Collets

#### Model 47801

15,000 RPM, 1/4" & 6 mm Collets

#### Model 47802

20,000 RPM, 1/4" & 6 mm Collets



Model 47800

FOR USE WITH  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
SEE PAGE 251

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 47800        | .4 (298)     | 12,000    | 84 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.0 (.46)         | 6 (150)          | 2.9 (73)         |
| 47801        | .4 (298)     | 15,000    | 86 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.0 (.46)         | 6 (150)          | 2.9 (73)         |
| 47802        | .4 (298)     | 20,000    | 85 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.0 (.46)         | 6 (150)          | 2.9 (73)         |

Tune-Up Kit: No. 96541 (page 267)

### Rear Exhaust Models with Extended Muffler

- Governor-controlled motor maintains speed under load.

#### Model 46000

12,000 RPM, 1/4" & 6 mm Collets

#### Model 46001

15,000 RPM, 1/4" & 6 mm Collets

#### Model 46002

20,000 RPM, 1/4" & 6 mm Collets



Model 46002

See page 69 for  
Vacuum Models!

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 46000        | .4 (298)     | 12,000    | 78 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.2 (.55)         | 8 (203)          | 2.9 (73)         |
| 46001        | .4 (298)     | 15,000    | 75 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.2 (.55)         | 8 (203)          | 2.9 (73)         |
| 46002        | .4 (298)     | 20,000    | 78 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.2 (.55)         | 8 (203)          | 2.9 (73)         |

Tune-Up Kit: No. 96541 (page 267)

### Rear Exhaust Models with Standard Muffler

- Governor-controlled motor maintains speed under load.

#### Model 49425

3,200 RPM, 1/4" & 6 mm Collets

#### Model 48315

12,000 RPM, 1/4" & 6 mm Collets

#### Model 48316

15,000 RPM, 1/4" & 6 mm Collets

#### Model 48317

20,000 RPM, 1/4" & 6 mm Collets



Model 48315

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 48315        | .4 (298)     | 12,000    | 81 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1 (.47)           | 6.5 (164)        | 2.9 (73)         |
| 48316        | .4 (298)     | 15,000    | 79 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1 (.47)           | 6.5 (164)        | 2.9 (73)         |
| 48317        | .4 (298)     | 20,000    | 83 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1 (.47)           | 6.5 (164)        | 2.9 (73)         |
| 49425        | .4 (298)     | 3,200     | 81 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.5 (.68)         | 7.7 (196)        | 2.9 (73)         |

Tune-Up Kit: No. 96541 (page 267)



# .4 hp Die Grinders

7° Offset, Front and Rear Exhaust



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## High-Quality Air-Powered Die Grinders

### Front Exhaust Models

#### Model 52204

25,000 RPM, 1/4" & 6 mm Collets

#### Model 52206

30,000 RPM, 1/4" & 6 mm Collets



Model 52204



**Gearless**

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
*SEE PAGE 251*

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 52204        | .4 (298)     | 25,000    | 70 dB(A)    | 18 (510)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.0 (.5)          | 6 (152)          | 3-3/4 (94)       |
| 52206        | .4 (298)     | 30,000    | 75 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.0 (.5)          | 6 (152)          | 3-3/4 (94)       |

Tune-Up Kit: No. 96048 (page 267)

### Rear Exhaust Models with Extended Muffler

#### Model 48205

25,000 RPM, 1/4" & 6 mm Collets

#### Model 48207

30,000 RPM, 1/4" & 6 mm Collets



*See page 69  
for Vacuum  
Models!*



Model 48205



**Gearless**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 48205        | .4 (298)     | 25,000    | 71 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.3 (.57)         | 8.9 (225)        | 3.8 (97)         |
| 48207        | .4 (298)     | 30,000    | 72 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.3 (.57)         | 8.9 (225)        | 3.8 (97)         |

Tune-Up Kit: No. 96541 (page 267)

### Rear Exhaust Models with Standard Muffler

#### Model 48335

25,000 RPM, 1/4" & 6 mm Collets

#### Model 48337

30,000 RPM, 1/4" & 6 mm Collets



Model 48335



**Gearless**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 48335        | .4 (298)     | 25,000    | 73 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1 (.47)           | 7.3 (186)        | 3.8 (97)         |
| 48337        | .4 (298)     | 30,000    | 74 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1 (.47)           | 7.3 (186)        | 3.8 (97)         |

Tune-Up Kit: No. 96541 (page 267)

### Rear Exhaust Models with Extended Muffler (Slow Speed)

- Both models are planetary geared.
- Slow speeds allow additional use as buffer/polisher.

#### Model 47211

3,200 RPM, 1/4" & 6 mm Collets

#### Model 47212

5,000 RPM, 1/4" & 6 mm Collets



Model 47211

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 47211        | .4 (298)     | 3,200     | 73 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.7 (.78)         | 9 (228)          | 5.6 (143)        |
| 47212        | .4 (298)     | 5,000     | 75 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.7 (.78)         | 9 (228)          | 5.6 (143)        |

Tune-Up Kit: No. 96541 (page 267)

# .5 hp Die Grinders

**Straight-Line, Gearless, Front Exhaust**



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## High-Quality Air-Powered Die Grinders

- Gearless for reduced maintenance and downtime.

### Model 51300

**15,000 RPM, 1/4" & 6 mm Collets**

### Model 51301

**18,000 RPM, 1/4" & 6 mm Collets**

### Model 51302

**20,000 RPM, 1/4" & 6 mm Collets**

### Model 51303

**24,000 RPM, 1/4" & 6 mm Collets**



Model  
51301



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 51300        | .5 (373)     | 15,000    | 78 dB(A)    | 24 (680)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.5 (0.7)         | 7 (178)          | 1-7/8 (48)       |
| 51301        | .5 (373)     | 18,000    | 78 dB(A)    | 24 (680)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.5 (0.7)         | 7 (178)          | 1-7/8 (48)       |
| 51302        | .5 (373)     | 20,000    | 80 dB(A)    | 25 (708)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.5 (0.7)         | 7 (178)          | 1-7/8 (48)       |
| 51303        | .5 (373)     | 24,000    | 83 dB(A)    | 26 (736)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.5 (0.7)         | 7 (178)          | 1-7/8 (48)       |

**Tune-Up Kit: No. 95600** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .5 hp Die Grinders

**Straight-Line, Gearless, Rear Exhaust**



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## High-Quality Air-Powered Die Grinders

- Gearless for reduced maintenance and downtime.
- Extended rear exhaust muffler design ensures lowest sound level.

### Model 51304

**15,000 RPM, 1/4" & 6 mm Collets**

### Model 51305

**18,000 RPM, 1/4" & 6 mm Collets**

### Model 51306

**20,000 RPM, 1/4" & 6 mm Collets**

### Model 51307

**24,000 RPM, 1/4" & 6 mm Collets**



Model  
51304



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 51304        | .5 (373)     | 15,000    | 76 dB(A)    | 25 (708)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.8 (0.8)         | 9-1/4 (235)      | 1-7/8 (48)       |
| 51305        | .5 (373)     | 18,000    | 74 dB(A)    | 26 (736)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.8 (0.8)         | 9-1/4 (235)      | 1-7/8 (48)       |
| 51306        | .5 (373)     | 20,000    | 75 dB(A)    | 27 (765)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.8 (0.8)         | 9-1/4 (235)      | 1-7/8 (48)       |
| 51307        | .5 (373)     | 24,000    | 76 dB(A)    | 27 (765)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.8 (0.8)         | 9-1/4 (235)      | 1-7/8 (48)       |

**Tune-Up Kit: No. 96530** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

**DIE GRINDERS**

# .5 hp Die Grinders

## Straight-Line, Extension Models, Rear Exhaust



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### High-Quality Air-Powered Die Grinders

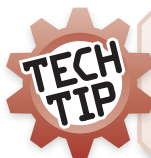
- Extension Die Grinder with 3" workable reach.
- Extended rear exhaust muffler design ensures lowest sound level.

#### Model 53510

**18,000 RPM, 1/4" & 6 mm Collets**

#### Model 53511

**20,000 RPM, 1/4" & 6 mm Collets**



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



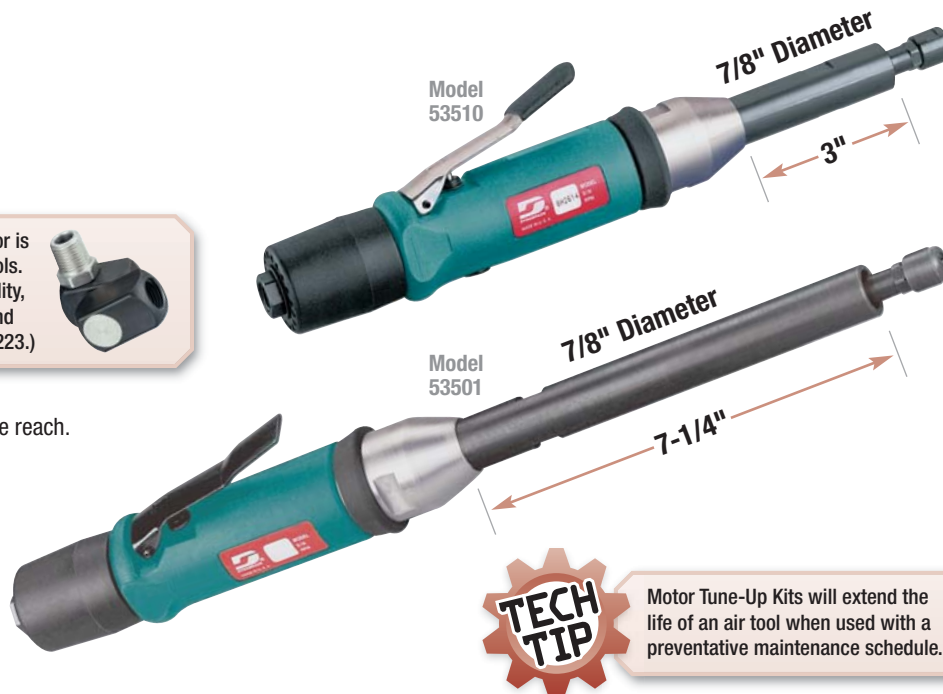
- Extension Die Grinder with 7-1/4" workable reach.
- Extended rear exhaust muffler design ensures lowest sound level.

#### Model 53501

**18,000 RPM,  
1/4" & 6 mm Collets**

#### Model 53502

**20,000 RPM, 1/4" & 6 mm Collets**



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 53501        | .5 (373)     | 18,000    | 72 dB(A)    | 30 (850)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 3.2 (1.5)         | 17-7/8 (454)     | 1-7/8 (48)       |
| 53502        | .5 (373)     | 20,000    | 74 dB(A)    | 31 (878)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 3.2 (1.5)         | 17-7/8 (454)     | 1-7/8 (48)       |
| 53510        | .5 (373)     | 18,000    | 72 dB(A)    | 30 (850)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 2.5 (1.1)         | 12-7/8 (327)     | 1-7/8 (48)       |
| 53511        | .5 (373)     | 20,000    | 74 dB(A)    | 31 (878)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 2.5 (1.1)         | 12-7/8 (327)     | 1-7/8 (48)       |

Tune-Up Kit: No. 96007 (page 267)

# .5 hp Die Grinders

## Steel Housings, Straight-Line, Front & Rear Exhaust



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### Steel Housings for Increased Durability!

#### Model 53807

**Front Exhaust**

#### Model 53808

**Rear Exhaust**

- 24,000 RPM. Both models include 1/4" and 6 mm collets.
- Ideal for use in foundries, welding operations and shipyards.
- Rubber Grip Housing reduces vibration and cold air transmission.
- Safety Lock Lever standard on all models.



Model 53807

**See .7 hp Steel Housing models on page 64!**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Exhaust | Maximum Air Flow SCFM (L/Min) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|---------|-------------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 53807        | .5 (373)     | 24,000    | 82 dB(A)    | Front   | 30 (850)                      | 1/4" NPT         | 90 (6.2)                | 1.9 (0.86)        | 5-5/8 (143)      | 1-3/4 (45)       |
| 53808        | .5 (373)     | 24,000    | 77 dB(A)    | Rear    | 29 (821)                      | 1/4" NPT         | 90 (6.2)                | 2.1 (0.95)        | 6-11/16 (170)    | 1-3/4 (45)       |

Tune-Up Kit: No. 98621 (page 267)



# .5 hp Die Grinders

7° Offset, Short Shank, Gearless, Front Exhaust



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## High-Quality Air-Powered Die Grinders

- Gearless for reduced maintenance and downtime.

### Model 52211

18,000 RPM, 1/4" & 6 mm Collets

### Model 52212

20,000 RPM, 1/4" & 6 mm Collets

### Model 52213

24,000 RPM, 1/4" & 6 mm Collets



Model 52211



**Gearless**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 52211        | .5 (373)     | 18,000    | 74 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 1.7 (0.8)         | 6 (152)          | 4-1/2 (114)      |
| 52212        | .5 (373)     | 20,000    | 74 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 1.7 (0.8)         | 6 (152)          | 4-1/2 (114)      |
| 52213        | .5 (373)     | 24,000    | 79 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 1.7 (0.8)         | 6 (152)          | 4-1/2 (114)      |

Tune-Up Kit: No. 96044 (page 267)

# .5 hp Die Grinders

7° Offset, Short Shank, Gearless, Rear Exhaust



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## High-Quality Air-Powered Die Grinders

- Gearless for reduced maintenance and downtime.
- Extended rear exhaust muffler design ensures lowest sound level.

### Model 52221

18,000 RPM, 1/4" & 6 mm Collets

### Model 52222

20,000 RPM, 1/4" & 6 mm Collets

### Model 52223

24,000 RPM, 1/4" & 6 mm Collets



Model 52221



**Gearless**



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 52221        | .5 (373)     | 18,000    | 73 dB(A)    | 23 (651)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 2.0 (0.9)         | 8-1/8 (206)      | 4-1/2 (114)      |
| 52222        | .5 (373)     | 20,000    | 76 dB(A)    | 25 (708)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 2.0 (0.9)         | 8-1/8 (206)      | 4-1/2 (114)      |
| 52223        | .5 (373)     | 24,000    | 74 dB(A)    | 27 (765)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 2.0 (0.9)         | 8-1/8 (206)      | 4-1/2 (114)      |

Tune-Up Kit: No. 96044 (page 267)

# .5 hp Die Grinders

## 7° Offset, Long Shank, Gearless


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### High-Quality Air-Powered Die Grinders

#### Front Exhaust Models

- Gearless for reduced maintenance and downtime.

#### Model 52216

**15,000 RPM, 1/4" & 6 mm Collets**

#### Model 52218

**20,000 RPM, 1/4" & 6 mm Collets**

 Model  
52216

**Gearless**
**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
*SEE PAGE 251*

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52216        | .5 (373)     | 15,000    | 75 dB(A)    | 26 (736)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.0 (0.9)         | 6 (152)          | 5-1/2 (140)      |
| 52218        | .5 (373)     | 20,000    | 74 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.0 (0.9)         | 6 (152)          | 5-1/2 (140)      |

**Tune-Up Kit: No. 96044** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Rear Exhaust Model

#### Model 52267 15,000 RPM, 1/4" & 6 mm Collets

- Gearless for reduced maintenance and downtime.
- Extended rear exhaust muffler design ensures lowest sound level.

 Model  
52267

**Gearless**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52267        | .5 (373)     | 15,000    | 72 dB(A)    | 21 (595)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.0 (0.9)         | 8-1/8 (207)      | 5-1/2 (140)      |

**Tune-Up Kit: No. 96044** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .55 hp Die Grinder

## Right Angle, Gearless, Rear Exhaust


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### High-Quality Air-Powered Die Grinders

#### Model 52280 15,000 RPM, 1/4" & 6 mm Collets

- Powerful high-torque air motor.
- Gearless for reduced maintenance and downtime.
- Optional safety-lock lever available.
- Extended rear exhaust muffler design ensures lowest sound level.

 Model  
52280

**Gearless**
**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
*SEE PAGE 251*

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52280        | .5 (373)     | 15,000    | 75 dB(A)    | 33 (934)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 2.3 (1.0)         | 8-1/8 (207)      | 5-1/2 (140)      |

**Tune-Up Kit: No. 96522** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .7 hp Die Grinders

## Straight-Line, Front Exhaust



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### High-Quality Air-Powered Die Grinders

#### Model 52256

15,000 RPM, 1/4" & 6 mm Collets

#### Model 52257

18,000 RPM, 1/4" & 6 mm Collets

#### Model 52258

20,000 RPM, 1/4" & 6 mm Collets



Model 52256

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
*SEE PAGE 251*

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 52256        | .7 (522)     | 15,000    | 80 dB(A)    | 31 (878)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 1.7 (0.8)         | 6 (152)          | 1-7/8 (48)       |
| 52257        | .7 (522)     | 18,000    | 84 dB(A)    | 33 (935)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 1.7 (0.8)         | 6 (152)          | 1-7/8 (48)       |
| 52258        | .7 (522)     | 20,000    | 89 dB(A)    | 34 (963)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 1.7 (0.8)         | 6 (152)          | 1-7/8 (48)       |

Tune-Up Kit: No. 96529 (page 267)

# .7 hp Die Grinders

## Straight-Line, Rear Exhaust



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### High-Quality Air-Powered Die Grinders

- Extended rear exhaust muffler design ensures lowest sound level.

#### Model 52100

950 RPM, 1/4" & 6 mm Collets

#### Model 52101

3,400 RPM, 1/4" & 6 mm Collets

#### Model 52102

4,500 RPM, 1/4" & 6 mm Collets

#### Model 52276

15,000 RPM, 1/4" & 6 mm Collets

#### Model 52277

18,000 RPM, 1/4" & 6 mm Collets

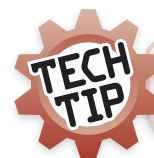
#### Model 52278

20,000 RPM, 1/4" & 6 mm Collets



Model 52276

**See page 70 for Vacuum Models!**



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52100        | .7 (522)     | 950       | 81 dB(A)    | 34 (957)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male | 3.6 (1.6)         | 12-1/2 (318)     | 1-7/8 (48)       |
| 52101        | .7 (522)     | 3,400     | 79 dB(A)    | 35 (977)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male | 2.7 (1.2)         | 9-1/2 (241)      | 1-7/8 (48)       |
| 52102        | .7 (522)     | 4,500     | 79 dB(A)    | 35 (977)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male | 2.7 (1.2)         | 9-1/2 (241)      | 1-7/8 (48)       |
| 52276        | .7 (522)     | 15,000    | 77 dB(A)    | 32 (906)                      | 3/8 (10)                 | 1/4" NPT         | —            | 2.3 (0.7)         | 8-1/8 (206)      | 1-7/8 (48)       |
| 52277        | .7 (522)     | 18,000    | 78 dB(A)    | 34 (957)                      | 3/8 (10)                 | 1/4" NPT         | —            | 2.3 (0.7)         | 8-1/8 (206)      | 1-7/8 (48)       |
| 52278        | .7 (522)     | 20,000    | 78 dB(A)    | 37 (1,048)                    | 3/8 (10)                 | 1/4" NPT         | —            | 2.3 (0.7)         | 8-1/8 (206)      | 1-7/8 (48)       |

Tune-Up Kit: Models 52100-52102: No. 96260; Models 52276-52278: No. 96529 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# .7 hp Die Grinders

## Steel Housings, Straight-Line, Front & Rear Exhaust



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*Steel Housings for Increased Durability!*

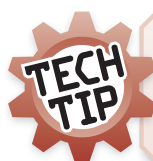
### Model 53811

**Front Exhaust**

### Model 53812

**Rear Exhaust**

- 20,000 RPM. Both models include 1/4" and 6 mm collets.
- Ideal for use in foundries, welding operations and shipyards.
- Rubber Grip Housing reduces vibration and cold air transmission.
- Safety-lock lever standard on all models.



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



*See .5 hp Steel Housing models on page 60!*



Model 53811



Model 53812

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
*SEE PAGE 251*

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Exhaust | Maximum Air Flow SCFM (L/Min) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|---------|-------------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 53811        | .7 (522)     | 20,000    | 83 dB(A)    | Front   | 37 (1,048)                    | 1/4" NPT         | 90 (6.2)                | 2.2 (1.0)         | 6-1/8 (156)      | 1-3/4 (45)       |
| 53812        | .7 (522)     | 20,000    | 79 dB(A)    | Rear    | 38 (1,076)                    | 1/4" NPT         | 90 (6.2)                | 2.3 (1.04)        | 7-1/4 (184)      | 1-3/4 (45)       |

Tune-Up Kit: No. 98623 (page 267)

# .7 hp Extension Die Grinder

## Steel Housing, Straight-Line, Rear Exhaust



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*Steel Housing for Increased Durability!*

### Model 53781

**Rear Exhaust**

- 20,000 RPM. Includes 1/4" and 6 mm collets.
- Extension model allows operator to extend into work pieces that require a longer reach.
- Designed for two-hand use with minimal vibration.
- Rubber Grip Housing reduces vibration and cold air transmission to operator.
- Safety-lock lever standard on all models.



Model 53781

6"



**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
*SEE PAGE 251*

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Exhaust | Maximum Air Flow SCFM (L/Min) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|---------|-------------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 53781        | .7 (522)     | 20,000    | 80 dB(A)    | Rear    | 39 (1,104)                    | 1/4" NPT         | 90 (6.2)                | 4 (1.8)           | 13.6 (346)       | 1.7 (45)         |

Tune-Up Kit: No. 96680 (page 267)

# .7 hp Die Grinders

## Composite & Steel Housings, Right Angle, Rear Exhaust



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*Dynabrade's NEW .7 hp (522 W) Die Grinders offer rapid material removal, deburring, finishing and polishing. These top-quality tools will provide countless solutions to manufacturing and fabrication industries, foundries, die shops, welding operations, nuclear facilities, shipyards and more!*

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
*SEE PAGE 251*

### Composite Housing Models

- All models include 1/4" and 6 mm Collet Insert.
- Offered in standard and extended tool body lengths.
- Thermal-insulated handle reduces cold air transmission to operator.
- Tools include lightweight aluminum head.
- Safety-lock throttle lever prevents accidental startup of tool.

#### Model 54343

**12,000 RPM**

#### Model 54347

**12,000 RPM, Extended**

- Allows additional reach of 3-3/8" (86 mm)!

#### Model 54359

**18,000 RPM**

#### Model 54363

**18,000 RPM, Extended**

- Allows additional reach of 3-3/8" (86 mm)!



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Collets Included | Air Inlet Thread | Hose I.D. Size Inch (mm) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|------------------|------------------|--------------------------|-------------------|------------------|------------------|
| 54343        | .7 (522)     | 12,000    | 80 dB(A)    | 38 (1,076)                    | 1/4" & 6 mm      | 1/4" NPT         | 3/8 (10)                 | 2.2 (1)           | 7-7/8 (200)      | 2-7/8 (73)       |
| 54347        | .7 (522)     | 12,000    | 80 dB(A)    | 40 (1,133)                    | 1/4" & 6 mm      | 1/4" NPT         | 3/8 (10)                 | 3 (1.4)           | 11-1/4 (287)     | 2-7/8 (73)       |
| 54359        | .7 (522)     | 18,000    | 79 dB(A)    | 41 (1,161)                    | 1/4" & 6 mm      | 1/4" NPT         | 3/8 (10)                 | 2.2 (1)           | 7-7/8 (200)      | 2-7/8 (73)       |
| 54363        | .7 (522)     | 18,000    | 80 dB(A)    | 41 (1,161)                    | 1/4" & 6 mm      | 1/4" NPT         | 3/8 (10)                 | 3 (1.4)           | 11-1/4 (287)     | 2-7/8 (73)       |

**Tune-Up Kit: No. 96680;** Model 54363 – **No. 98623** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Steel Housing Models

- All models include 1/4" and 6 mm Collet Insert.
- Rugged steel housing and head for increased durability in abusive environments.
- Offered in standard and extended tool body lengths.
- Rubber grip housing reduces cold air transmission to operator.
- Safety-lock throttle lever prevents accidental startup of tool.

#### Model 54369

**12,000 RPM**

#### Model 54374

**12,000 RPM, Extended**

- Allows additional reach of 3-3/8" (86 mm)!

#### Model 54387

**18,000 RPM**

#### Model 54391

**18,000 RPM, Extended**

- Allows additional reach of 3-3/8" (86 mm)!



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Collets Included | Air Inlet Thread | Hose I.D. Size Inch (mm) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|------------------|------------------|--------------------------|-------------------|------------------|------------------|
| 54369        | .7 (522)     | 12,000    | 77 dB(A)    | 39 (1,104)                    | 1/4" & 6 mm      | 1/4" NPT         | 3/8 (10)                 | 3 (1.4)           | 8 (203)          | 2-7/8 (73)       |
| 54374        | .7 (522)     | 12,000    | 79 dB(A)    | 40 (1,133)                    | 1/4" & 6 mm      | 1/4" NPT         | 3/8 (10)                 | 3.8 (1.7)         | 11-3/8 (289)     | 2-7/8 (73)       |
| 54387        | .7 (522)     | 18,000    | 80 dB(A)    | 41 (1,161)                    | 1/4" & 6 mm      | 1/4" NPT         | 3/8 (10)                 | 3 (1.4)           | 8 (203)          | 2-7/8 (73)       |
| 54391        | .7 (522)     | 18,000    | 77 dB(A)    | 41 (1,161)                    | 1/4" & 6 mm      | 1/4" NPT         | 3/8 (10)                 | 3.8 (1.7)         | 11-3/8 (289)     | 2-7/8 (73)       |

**Tune-Up Kit: No. 98623** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .7 hp Die Grinders

7° Offset, Gearless



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## High-Quality Air-Powered Die Grinders

### Short Shank, Front Exhaust Models

- Gearless for reduced maintenance and downtime.

#### Model 52289

18,000 RPM,  
1/4" & 6 mm Collets

#### Model 52290

20,000 RPM  
1/4" & 6 mm Collets



Model  
52289



**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
SEE PAGE 251

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52289        | .7 (522)     | 18,000    | 87 dB(A)    | 35 (991)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.7 (0.8)         | 6 (152)          | 5-1/8 (130)      |
| 52290        | .7 (522)     | 20,000    | 84 dB(A)    | 36 (1,020)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.7 (0.8)         | 6 (152)          | 5-1/8 (130)      |

**Tune-Up Kit: No. 96045** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Short Shank, Rear Exhaust Models

- Gearless for reduced maintenance and downtime.
- Extended rear exhaust muffler design ensures lowest sound level.

#### Model 52292

15,000 RPM,  
1/4" & 6 mm Collets

#### Model 52293

18,000 RPM,  
1/4" & 6 mm Collets

#### Model 52294

20,000 RPM,  
1/4" & 6 mm Collets

#### Model 52297

20,000 RPM, 1/4" & 6 mm  
Collets, with Side Handle



Model  
52293



**See page 70  
for Vacuum  
Models!**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 52292        | .7 (522)     | 15,000    | 78 dB(A)    | 34 (963)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 2.3 (1.0)         | 8-1/8 (206)      | 5-1/2 (140)      |
| 52293        | .7 (522)     | 18,000    | 77 dB(A)    | 34 (963)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 2.3 (1.0)         | 8-1/8 (206)      | 5-1/2 (140)      |
| 52294        | .7 (522)     | 20,000    | 74 dB(A)    | 37 (1,048)                    | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 2.3 (1.0)         | 8-1/8 (206)      | 5-1/2 (140)      |
| 52297        | .7 (522)     | 20,000    | 74 dB(A)    | 37 (1,048)                    | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 2.3 (1.0)         | 8-1/8 (206)      | 5-1/2 (140)      |

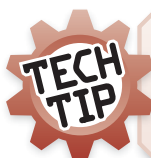
**Tune-Up Kit: No. 96045** (page 267)

### Long Shank, Front Exhaust Models

- Gearless for reduced maintenance and downtime.

#### Model 52242

20,000 RPM, 1/4" & 6 mm Collets



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



Model  
52242



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52242        | .7 (522)     | 20,000    | 80 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.7 (0.8)         | 6 (152)          | 5-1/2 (140)      |

**Tune-Up Kit: No. 96045** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 1 hp Die Grinders

## Straight-Line, Rear Exhaust



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### High-Quality Air-Powered Die Grinders

#### Planetary Geared Models

- Governor-controlled to maintain RPM under heavy load and deliver optimal power.
- Safety-lock lever is standard on all models.
- Lightweight thermal-insulated housing reduces cold air transmission and vibration to operator.

#### Model 52660

**950 RPM, 1/4" & 6 mm Collets**

#### Model 52662

**3,400 RPM, 1/4" & 6 mm Collets**

#### Model 52663

**4,500 RPM, 1/4" & 6 mm Collets**



Model 52660

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 52660        | 1 (744)      | 950       | 79 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 3.6 (1.6)         | 13-3/4 (384)     | 1-7/8 (48)       |
| 52662        | 1 (744)      | 3,400     | 78 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 3.1 (1.4)         | 12-1/2 (317)     | 1-7/8 (48)       |
| 52663        | 1 (744)      | 4,500     | 78 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 3.1 (1.4)         | 12-1/2 (317)     | 1-7/8 (48)       |

Tune-Up Kit: No. 96532 (page 267)

#### Gearless Models

- Gearless for reduced maintenance and downtime.
- Governor-controlled to maintain RPM under heavy load and deliver optimal power.
- Safety-lock lever is standard on all models.
- Lightweight thermal-insulated housing reduces cold air transmission and vibration to operator.

#### Model 52665

**9,000 RPM, 1/4" & 6 mm Collets**

#### Model 52666

**12,000 RPM, 1/4" & 6 mm Collets**

#### Model 52667

**15,000 RPM, 1/4" & 6 mm Collets**

#### Model 52668

**18,000 RPM, 1/4" & 6 mm Collets**

#### Model 52669

**20,000 RPM, 1/4" & 6 mm Collets**

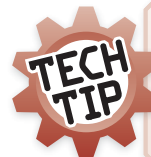


Model 52669

Use a carbide burr to easily blend weld seams.



**See page 70 for Vacuum Models!**



Optional 53621 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Overhose redirects exhaust away from operator and workpiece. Air line sold separately. (See page 247.)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 52665        | 1 (744)      | 9,000     | 80 dB(A)    | 36 (1,020)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 2.1 (1.0)         | 10 (254)         | 1-7/8 (48)       |
| 52666        | 1 (744)      | 12,000    | 81 dB(A)    | 38 (1,076)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 2.1 (1.0)         | 10 (254)         | 1-7/8 (48)       |
| 52667        | 1 (744)      | 15,000    | 77 dB(A)    | 39 (1,104)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 2.1 (1.0)         | 10 (254)         | 1-7/8 (48)       |
| 52668        | 1 (744)      | 18,000    | 78 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 2.1 (1.0)         | 8-3/4 (221)      | 1-7/8 (48)       |
| 52669        | 1 (744)      | 20,000    | 79 dB(A)    | 44 (1,256)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 2.1 (1.0)         | 8-3/4 (221)      | 1-7/8 (48)       |

Tune-Up Kit: No. 96532 (page 267)

# 1 hp Die Grinders

**Straight-Line, 6" Extension, Rear Exhaust**



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## High-Quality Air-Powered Die Grinders

### Planetary Geared Models

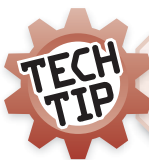
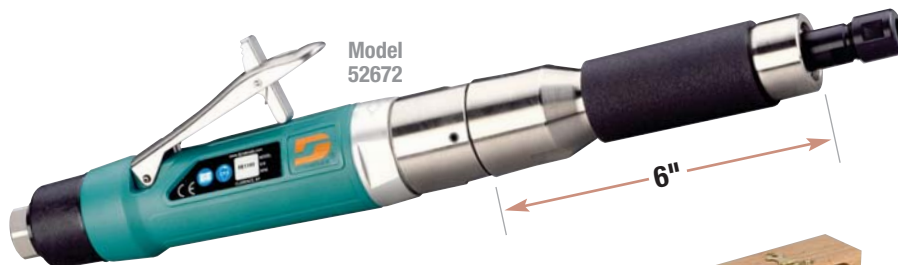
- Governor-controlled to maintain RPM under heavy load and deliver optimal power.
- Safety-lock lever is standard on all models.

#### Model 52672

**3,400 RPM, 1/4" & 6 mm Collets**

#### Model 52673

**4,500 RPM, 1/4" & 6 mm Collets**



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.

**93350 Carbide Burr Kit includes 8 Burrs (1/4"). See page 251.**



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 52672        | 1 (744)      | 3,400     | 78 dB(A)    | 44 (1,256)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 4.1 (1.9)         | 16-5/8 (423)     | 1-7/8 (48)       |
| 52673        | 1 (744)      | 4,500     | 78 dB(A)    | 44 (1,256)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 4.1 (1.9)         | 16-5/8 (423)     | 1-7/8 (48)       |

Tune-Up Kit: No. 96532 (page 267)

### Gearless Models

- Gearless for reduced maintenance and downtime.
- Governor-controlled to maintain RPM under heavy load and deliver optimal power.
- Safety-lock lever is standard on all models.

#### Model 52675

**9,000 RPM, 1/4" & 6 mm Collets**

#### Model 52676

**12,000 RPM, 1/4" & 6 mm Collets**

#### Model 52677

**15,000 RPM, 1/4" & 6 mm Collets**

#### Model 52678

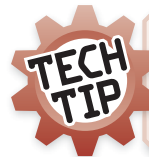
**18,000 RPM, 1/4" & 6 mm Collets**

#### Model 52679

**20,000 RPM, 1/4" & 6 mm Collets**



**Gearless**



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 52675        | 1 (744)      | 9,000     | 80 dB(A)    | 36 (1,020)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 3.2 (1.5)         | 14-1/4 (359)     | 1-7/8 (48)       |
| 52676        | 1 (744)      | 12,000    | 81 dB(A)    | 38 (1,076)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 3.2 (1.5)         | 14-1/4 (359)     | 1-7/8 (48)       |
| 52677        | 1 (744)      | 15,000    | 77 dB(A)    | 39 (1,104)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 3.3 (1.5)         | 15-3/8 (390)     | 1-7/8 (48)       |
| 52678        | 1 (744)      | 18,000    | 76 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 3.3 (1.5)         | 15-3/8 (390)     | 1-7/8 (48)       |
| 52679        | 1 (744)      | 20,000    | 78 dB(A)    | 44 (1,256)                    | 3/8 (10)                 | 3/8" NPT         | 90 (6.2)                | 3.3 (1.5)         | 15-3/8 (390)     | 1-7/8 (48)       |

Tune-Up Kit: No. 96532 (page 267)

# Vacuum Die Grinders

.4 hp • Connect to Central Vacuum System



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## Rapid Material Removal with Source Capture

- .4 hp (298 W) Vacuum Die Grinders are utilized for rapid material removal, precise finishing, polishing, deburring, and removal of parting lines and flash.
- For use on **non-metallic materials**, such as fiberglass and composites.
- Each model includes urethane Vacuum Shroud for efficient capture of dust, debris and contaminants such as Hexavalent Chromium.
- Also includes Vacuum Sleeve, which can be easily trimmed to accommodate the length of the accessory. Sleeve can be trimmed horizontally or vertically, and is also removable.

### Right Angle Models

#### Model 56715

12,000 RPM,  
1/4" & 6 mm Collets

#### Model 56719

20,000 RPM,  
1/4" & 6 mm Collets

Models 56715 & 56719 include 95848 Gear Oil and 95541 Gear Oil Gun. Simple lubrication extends gear life.



Model 56715



Model 56723



All models includes Conductive Hose & Cuffs, to shield operator from electrostatic discharge (ESD).

Vacuum Sleeve can be trimmed, horizontally or vertically, to accommodate accessory or workpiece! (Also removable.)

### 7° Offset Models

#### Model 56727

5,000 RPM, 1/4" & 6 mm Collets

- Planetary geared.

#### Model 56723

25,000 RPM, 1/4" & 6 mm Collets

- Gearless design.

### Straight-Line Models

#### Model 56751

5,000 RPM, 1/4" & 6 mm Collets

- Planetary geared.

#### Model 56755

25,000 RPM, 1/4" & 6 mm Collets

- Gearless design.

Model 56751



1-1/4" Dia. Port

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Collet Size | Air Inlet Thread | Air Hose I.D. Inch (mm) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|-------------|------------------|-------------------------|-------------------|------------------|------------------|
| 56715        | .4 (298)     | 12,000    | 81 dB(A)    | 21 (595)                      | 1/4" / 6 mm | 1/4" NPT         | 1/4 (6)                 | 1.6 (.7)          | 8.9 (227)        | 4.9 (125)        |
| 56719        | .4 (298)     | 20,000    | 82 dB(A)    | 21 (595)                      | 1/4" / 6 mm | 1/4" NPT         | 1/4 (6)                 | 1.6 (.7)          | 8.9 (227)        | 4.9 (125)        |
| 56723        | .4 (298)     | 25,000    | 74 dB(A)    | 24 (680)                      | 1/4" / 6 mm | 1/4" NPT         | 1/4 (6)                 | 1.6 (.7)          | 9.7 (247)        | 5.9 (150)        |
| 56727        | .4 (298)     | 5,000     | 79 dB(A)    | 25 (708)                      | 1/4" / 6 mm | 1/4" NPT         | 1/4 (6)                 | 2.3 (1.0)         | 10 (254)         | 8.3 (212)        |
| 56751        | .4 (298)     | 5,000     | 81 dB(A)    | 25 (708)                      | 1/4" / 6 mm | 1/4" NPT         | 1/4 (6)                 | 2.1 (.9)          | 13.3 (338)       | 4.6 (117)        |
| 56755        | .4 (298)     | 25,000    | 80 dB(A)    | 21 (595)                      | 1/4" / 6 mm | 1/4" NPT         | 1/4 (6)                 | 1.4 (.6)          | 10.6 (268)       | 4.6 (117)        |

Tune-Up Kit: Right Angle: No. 96179; 56727: No. 96174; 56751: No. 96173; 56723, 56755: No. 96049 (page 267)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Vacuum Die Grinders

**.7 hp & 1 hp • Connect to Central Vacuum System**



**COLLET INSERTS**  
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**DYNAJET**  
PAGE 224

## Rapid Material Removal with Source Capture

- .7 hp (522 W) and 1 hp (744 W) Vacuum Die Grinders are utilized for rapid material removal, precise finishing, polishing, deburring, and removal of parting lines and flash.
- For use on **non-metallic materials**, such as fiberglass, carbon fiber, and composites.
- Each model includes urethane Vacuum Shroud for efficient capture of dust, debris, and contaminants such as Hexavalent Chromium.
- Also includes Vacuum Sleeve, which can be easily trimmed to accommodate the length of the accessory. Sleeve can be trimmed horizontally or vertically, and is also removable.

**FOR USE WITH**  
Carbide Burrs, Rotary Files,  
Mounted Points and Discs  
**SEE PAGE 251**



Model 56759



### Straight-Line Model, .7 hp

**Model 56759**  
**15,000 RPM, 1/4" & 6 mm Collets**

### 7° Offset Model, .7 hp

**Model 56739**  
**18,000 RPM,**  
**1/4" & 6 mm Collets**

Model 56739



Vacuum Sleeve can be trimmed, horizontally or vertically, to accommodate accessory or workpiece! (Also removable.)



**Gearless**  
(All Models on page)

### Straight-Line Models, 1 hp

**Model 56743**  
**12,000 RPM, 1/4" & 6 mm Collets**

**Model 56747**  
**20,000 RPM, 1/4" & 6 mm Collets**

Model 56743



All models includes Conductive Hose & Cuffs, to shield operator from electrostatic discharge (ESD).

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Collet Size | Air Inlet Thread | Air Hose I.D. Inch (mm) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|-------------|------------------|-------------------------|-------------------|------------------|------------------|
| 56739        | .7 (522)     | 18,000    | 81 dB(A)    | 32 (906)                      | 1/4" / 6 mm | 1/4" NPT         | 1/4 (6)                 | 2.5 (1.1)         | 10 (254)         | 8.1 (206)        |
| 56759        | .7 (522)     | 15,000    | 82 dB(A)    | 35 (850)                      | 1/4" / 6 mm | 1/4" NPT         | 1/4 (6)                 | 2.6 (1.2)         | 13.9 (353)       | 4.6 (118)        |
| 56743        | 1 (744)      | 12,000    | 77 dB(A)    | 38 (1,085)                    | 1/4" / 6 mm | 1/4" NPT         | 1/4 (6)                 | 2.8 (1.3)         | 14.3 (363)       | 4.6 (118)        |
| 56747        | 1 (744)      | 20,000    | 83 dB(A)    | 41 (1,161)                    | 1/4" / 6 mm | 3/8" NPT         | 1/4 (6)                 | 2.8 (1.3)         | 14.3 (363)       | 4.6 (118)        |

**Tune-Up Kit:** 56759: No. 96529; 56739: No. 96045; 56743, 56747: No. 96532 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# **DYNABRADE<sup>®</sup>**

# ***DISC SANDERS***

## **Non-Vacuum Models**

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| 2" Dia. Disc Sanders .....          | 72 |
| 3" Dia. Disc Sanders .....          | 74 |
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| 4", 4-1/2" Dia. Disc Sanders .....  | 78 |
| 4-1/2" - 5" Dia. Disc Sanders ..... | 79 |
| 5", 7" Dia. Disc Sanders .....      | 80 |
| 7" Dia. Disc Sanders .....          | 81 |
| Right Angle Wet Sander .....        | 83 |

## **Vacuum Models**

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| 2" Dia. Vacuum Disc Sanders.....     | 85 |
| 3" Dia. Vacuum Disc Sanders.....     | 87 |
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# 2" Dia. Disc Sanders

## .33 hp and .4 hp Models



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### High-Quality Air-Powered Disc Sanders

**FOR ABRASIVE DISCS**  
2" (51 mm) diameter  
SEE PAGE 279

#### Right Angle, .33 hp, Gearless, Rear Exhaust

##### Model 52590 18,000 RPM

- Includes 51345 Locking-Type Pad (2" diameter).
- Also accepts 3" diameter disc pads, sold separately.
- Features standard muffler for more compact design.
- Tool combines top efficiency with great value.



Model  
52590



**Gearless**

**Important:** Speed of tool must not exceed maximum operating speed of accessory.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread    | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 52590        | .33 (246)    | 15,000    | 77 dB(A)    | 20 (567)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Female | 1.9 (0.9)         | 4-1/2 (114)      | 3-7/8 (98)       |

**Tune-Up Kit: No. 96505** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

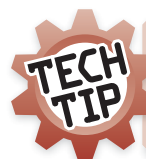
#### Angle-Head, .4 hp, Rear Exhaust

##### Model 49410 3,200 RPM

- Tool has 1/4"-28 female thread. Comes mounted with 54021 Adapter for pads with 1/4"-20 female thread.
- Includes 50107 Pad (2" diameter) for PSA (adhesive backed) abrasive discs.
- Governor-controlled motor maintains speed under load.
- Extended rear exhaust muffler; safety-lock lever included.
- Optional 54030 Rotary Sanding Head permits locking-type male thread pad to be mounted.
- Optional 54585 Side Handle available.



Model  
49410



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread    | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 49410        | .4 (298)     | 3,200     | 78 dB(A)    | 26 (736)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-28 Female | 1.9 (0.9)         | 12.5 (319)       | 2.6 (65)         |

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### 7° Offset, .4 hp, Rear Exhaust

- Includes 51344 Locking-Type Pad (2" diameter).
- Handle is offset 7° for greater operator comfort and control.
- Gearless for reduced maintenance and down-time.

##### Model 48500 25,000 RPM

- Extended muffler design.

##### Model 48503 25,000 RPM

- Features **standard muffler** for more compact design.



Model  
48503



**Gearless**

**See page 85 for  
VACUUM Models!**

**Important:** Speed of tool must not exceed maximum operating speed of accessory.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 48500        | .4 (298)     | 25,000    | 73 dB(A)    | 23 (650)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.3 (0.6)         | 8.7 (222)        | 3.9 (98)         |
| 48503        | .4 (298)     | 25,000    | 73 dB(A)    | 23 (650)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.1 (.5)          | 7.2 (183)        | 3.9 (98)         |

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 2" Dia. Disc Sanders

## .4 hp and .5 hp Models



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### High-Quality Air-Powered Disc Sanders

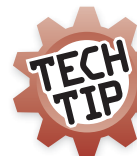
#### Right Angle, .4 hp, Front Exhaust

- Includes 51344 Locking-Type Pad (2" diameter).
- Also accepts 3" diameter pads, sold separately.
- Governor-controlled motor maintains speed under load.

**Model 47820** 12,000 RPM

**Model 47821** 15,000 RPM

**Model 47822** 20,000 RPM



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.

FOR ABRASIVE DISCS  
2" (51 mm) and  
3" (76 mm) diameters  
SEE PAGE 279

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 47820        | .4 (298)     | 12,000    | 85 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.1 (0.5)         | 4.4 (111)        | 3.5 (89)         |
| 47821        | .4 (298)     | 15,000    | 85 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.1 (0.5)         | 4.4 (111)        | 3.5 (89)         |
| 47822        | .4 (298)     | 20,000    | 84 dB(A)    | 25 (708)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.1 (0.5)         | 4.4 (111)        | 3.5 (89)         |

Tune-Up Kit: No. 96541 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Right Angle, .4 hp, Rear Exhaust

- Includes 51344 Locking-Type Pad (2" diameter).
- Also accepts 3" diameter pads, sold separately.
- Governor-controlled motor maintains speed under load.

**Model 48520**  
12,000 RPM, Extended Muffler

**Model 48521**  
15,000 RPM, Extended Muffler

**Model 48522**  
20,000 RPM, Extended Muffler

**Model 48540**  
12,000 RPM, Standard Muffler

**Model 48541**  
15,000 RPM, Standard Muffler

**Model 48542**  
20,000 RPM, Standard Muffler



See page 86 for  
VACUUM Models!

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 48520        | .4 (298)     | 12,000    | 76 dB(A)    | 27 (765)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.3 (0.6)         | 8.2 (208)        | 3.5 (89)         |
| 48521        | .4 (298)     | 15,000    | 79 dB(A)    | 27 (765)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.3 (0.6)         | 8.2 (208)        | 3.5 (89)         |
| 48522        | .4 (298)     | 20,000    | 78 dB(A)    | 27 (765)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.3 (0.6)         | 8.2 (208)        | 3.5 (89)         |
| 48540        | .4 (298)     | 12,000    | 81 dB(A)    | 27 (765)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.1 (0.5)         | 4.9 (124)        | 3.5 (89)         |
| 48541        | .4 (298)     | 15,000    | 83 dB(A)    | 27 (765)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.1 (0.5)         | 4.9 (124)        | 3.5 (89)         |
| 48542        | .4 (298)     | 20,000    | 81 dB(A)    | 27 (765)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.1 (0.5)         | 4.9 (124)        | 3.5 (89)         |

Tune-Up Kit: No. 96541 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### 7° Offset, .5 hp

- All models include 51344 Locking-Type Pad (2" diameter).
- Also accept 3" diameter pads, sold separately.

**Model 52400** 15,000 RPM, Front Exhaust

**Model 52402** 20,000 RPM, Front Exhaust

**Model 52405** 20,000 RPM, Rear Exhaust

- Extended muffler design.



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52400        | .5 (373)     | 15,000    | 77 dB(A)    | 26 (736)                      | 3/8 (10)                 | 1/4" NPT         | 1/4"-20 Male | 1.7 (0.8)         | 6 (152)          | 5-1/2 (140)      |
| 52402        | .5 (373)     | 20,000    | 79 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 1/4"-20 Male | 1.7 (0.8)         | 6 (152)          | 5-1/2 (140)      |
| 52405        | .5 (373)     | 20,000    | 76 dB(A)    | 25 (793)                      | 3/8 (10)                 | 1/4" NPT         | 1/4"-20 Male | 2.3 (1.0)         | 8-1/8 (206)      | 5-1/2 (140)      |

Tune-Up Kit: No. 96044 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 3" Dia. Disc Sanders

.4 hp, .55 hp and .7 hp Models



**DISC PADS**  
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PAGE 222

## High-Quality Air-Powered Disc Sanders

### Right Angle, .4 hp, Rear Exhaust

- Includes 51346 Locking-Type Pad (3" diameter).
- Extended muffler design.

**Model 48530** 12,000 RPM

**Model 48531** 15,000 RPM

**Model 48532** 20,000 RPM

See page 87-88 for  
VACUUM Models!



FOR ABRASIVE DISCS  
3" (76 mm) diameter  
SEE PAGE 279



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 48530        | .4 (298)     | 12,000    | 81 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.2 (0.5)         | 7-3/8 (187)      | 3-1/8 (79)       |
| 48531        | .4 (298)     | 15,000    | 80 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.2 (0.5)         | 7-3/8 (187)      | 3-1/8 (79)       |
| 48532        | .4 (298)     | 20,000    | 83 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.2 (0.5)         | 7-3/8 (187)      | 3-1/8 (79)       |

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Right Angle, .55 hp, Gearless, Rear Exhaust

- Includes 51347 Locking-Type Pad (3" diameter).
- Removable side handle.
- Optional safety-lock lever available.
- Tool combines top efficiency with great value.

**Model 52557** 15,000 RPM, Extended Muffler

**Model 52558** 15,000 RPM, Standard Muffler



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52557        | .55 (410)    | 15,000    | 75 dB(A)    | 33 (934)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.9 (0.8)         | 6 (152)          | 3-7/8 (98)       |
| 52558        | .55 (410)    | 15,000    | 84 dB(A)    | 33 (934)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.9 (0.8)         | 4-1/2 (114)      | 3-7/8 (98)       |

**Tune-Up Kit: No. 96522** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 7° Offset, .7 hp, Gearless

- Includes 51347 Locking-Type Pad (3" diameter).
- Removable side handle.

**Model 52410** 15,000 RPM, Front Exhaust

**Model 52412** 20,000 RPM, Front Exhaust

**Model 52413** 15,000 RPM, Rear Exhaust

**Model 52415** 20,000 RPM, Rear Exhaust

- Extended muffler design (52413 and 52415 only).



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52410        | .7 (522)     | 15,000    | 92 dB(A)    | 32 (906)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.0 (0.9)         | 6 (152)          | 5-1/2 (140)      |
| 52412        | .7 (522)     | 20,000    | 90 dB(A)    | 36 (1,019)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.0 (0.9)         | 6 (152)          | 5-1/2 (140)      |
| 52413        | .7 (522)     | 15,000    | 74 dB(A)    | 32 (906)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.3 (1.0)         | 8-1/8 (206)      | 5-1/2 (140)      |
| 52415        | .7 (522)     | 20,000    | 74 dB(A)    | 35 (991)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.3 (1.0)         | 8-1/8 (206)      | 5-1/2 (140)      |

**Tune-Up Kit: No. 96045** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 3"-4" Dia. Disc Sanders

.7 hp, Right Angle Models, Rear Exhaust



DISC PADS  
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*Ideal for quick weld removal, metal beveling in weld preparation, deburring and deflashing, surface conditioning and paint removal. Ergonomic tools accept locking-type abrasive discs (coated and non-woven nylon).*

FOR ABRASIVE DISCS  
3" (76 mm) and  
4" (102 mm) diameters  
SEE PAGE 279

## Composite Housing Models

- Offered in standard and extended tool body lengths.
- Thermal-insulated handle reduces cold air transmission to operator.
- Tools include lightweight aluminum head.
- Safety-lock throttle lever prevents accidental startup of tool.

### Model 54400

**18,000 RPM, 3" Dia.**

- Includes 51347 medium density locking-type backup pad, 3" (76 mm) dia.

### Model 54403

**18,000 RPM, 3" Dia., Extended**

- Allows additional reach of 3-3/8" (86 mm)!
- Includes 51347 medium density locking-type backup pad, 3" (76 mm) dia.

### Model 54406

**12,000 RPM, 4" Dia.**

- Includes 50192 hard density locking-type backup pad, 4" (102 mm) dia.

### Model 54409

**12,000 RPM, 4" Dia., Extended**

- Allows additional reach of 3-3/8" (86 mm)!
- Includes 50192 hard density locking-type backup pad, 4" (102 mm) dia.



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Pad Diameter Inch (mm) | Tool Housing | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|------------------------|--------------|------------------|-------------------|------------------|------------------|
| 54400        | .7 (522)     | 18,000    | 83 dB(A)    | 41 (1,161)                    | 3 (76)                 | Composite    | 1/4" NPT         | 2.3 (1)           | 8-1/2 (216)      | 3-1/2 (89)       |
| 54403        | .7 (522)     | 18,000    | 81 dB(A)    | 41 (1,161)                    | 3 (76)                 | Composite    | 1/4" NPT         | 3.2 (1.4)         | 12 (302)         | 3-1/2 (89)       |
| 54406        | .7 (522)     | 12,000    | 79 dB(A)    | 40 (1,133)                    | 4 (102)                | Composite    | 1/4" NPT         | 2.4 (1)           | 9 (229)          | 3-9/16 (91)      |
| 54409        | .7 (522)     | 12,000    | 81 dB(A)    | 40 (1,133)                    | 4 (102)                | Composite    | 1/4" NPT         | 3.3 (1.4)         | 12-1/2 (316)     | 3-9/16 (91)      |

**Tune-Up Kit: No. 96680** (page 267) • Spindle Thread 3/8"-24 male; Hose I.D. Size 3/8" (10 mm); Air Pressure 90 PSIG (6.2 Bar)

## Steel Housing Models

- Rugged steel housing and head for increased durability in abusive environments.
- Offered in standard and extended tool body lengths.
- Thermal-insulated handle reduces cold air transmission to operator.
- Safety-lock throttle lever prevents accidental starting of tool.

### Model 54421

**18,000 RPM, 3" Dia.**

- Includes 51347 medium density locking-type backup pad, 3" (76 mm) dia.

### Model 54424

**18,000 RPM, 3" Dia., Extended**

- Allows additional reach of 3-3/8" (86 mm)!
- Includes 51347 medium density locking-type backup pad, 3" (76 mm) dia.

### Model 54427

**12,000 RPM, 4" Dia.**

- Includes 50192 hard density locking-type backup pad, 4" (102 mm) dia.

### Model 54430

**12,000 RPM, 4" Dia., Extended**

- Allows additional reach of 3-3/8" (86 mm)!
- Includes 50192 hard density locking-type backup pad, 4" (102 mm) dia.



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Pad Diameter Inch (mm) | Tool Housing | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|------------------------|--------------|------------------|-------------------|------------------|------------------|
| 54421        | .7 (522)     | 18,000    | 81 dB(A)    | 41 (1,161)                    | 3 (76)                 | Steel        | 1/4" NPT         | 3.1 (1.4)         | 8-3/4 (223)      | 3-1/2 (89)       |
| 54424        | .7 (522)     | 18,000    | 80 dB(A)    | 41 (1,161)                    | 3 (76)                 | Steel        | 1/4" NPT         | 3.9 (1.8)         | 12-1/8 (308)     | 3-1/2 (89)       |
| 54427        | .7 (522)     | 12,000    | 78 dB(A)    | 40 (1,133)                    | 4 (102)                | Steel        | 1/4" NPT         | 3.2 (1.4)         | 9-1/4 (235)      | 3-9/16 (91)      |
| 54430        | .7 (522)     | 12,000    | 78 dB(A)    | 40 (1,133)                    | 4 (102)                | Steel        | 1/4" NPT         | 3.9 (1.8)         | 12-5/8 (321)     | 3-9/16 (91)      |

**Tune-Up Kit: No. 98623** (page 267) • Spindle Thread 3/8"-24 male; Hose I.D. Size 3/8" (10 mm); Air Pressure 90 PSIG (6.2 Bar)



# 4"-5" Dia. Disc Sanders

## 1.3 hp, Right Angle Models



**DISC PADS**  
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*Dynabrade's 1.3 hp (970 W) Right Angle Disc Sanders offer countless material removal solutions to industries such as metal/stainless steel fabrication, composites, masonry, ironwork and general welding. Designed to the Dynabrade standard of excellence, these tools offer a wide array of features to increase efficiency and maximize operator comfort!*

**FOR ABRASIVE DISCS**  
4", 4-1/2" and 5" diameters  
(102 mm, 114 mm, 127 mm)  
SEE PAGES 279-280

### Vibration Dampening Side Handle

Specially designed to reduce vibration transfer to operator. Removable for left or right hand use.

### Rotational Exhaust System

Rotates a full 360° to ensure that exhaust is directed away from operator.

### Safety-Lock Throttle Lever

Prevents accidental start-up of tool. Lever has no sharp edges or "pinch points."

### Cast Aluminum Construction

Tool housing and handle made of solid cast aluminum.

### "Wick Lube" System for Longer Gear Life

Extends gear life with simple lubrication. All models include 95848 Gear Oil and 95541 Gear Oil Gun.



52634 Disc Sander shown with optional 50281 Rubber Molded Backing Pad (see page 242).

### Insulated Throttle Handle

Reduces cold air transmission to operator's hand. Handle position is adjustable, increasing comfort and efficiency.

### Robust 1.3 hp Air Motor

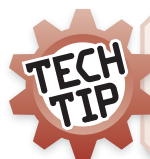
1.3 hp (970 W) governor-controlled air motor delivers powerful, efficient performance.

### Convenient Spindle Lock

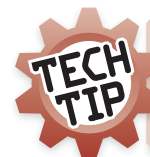
Allows quick and easy change of grinding wheel or abrasive disc. Less downtime!



52634 Disc Sander offers efficient material removal on a variety of surfaces.



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



# 4" - 5" Dia. Disc Sanders

## 1.3 hp, Right Angle Models



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*Grind Sheet Metal, Fiberglass, Composites, Carbon Fiber  
Sand, Deburr Metal Parts • Surface Condition • Remove Mill Finish  
Finish Aluminum • Remove Paint and Rust*

FOR ABRASIVE DISCS  
4", 4-1/2" and 5" diameters  
(102 mm, 114 mm, 127 mm)  
SEE PAGES 279-280

### Model 52631

**4" (102 mm) Diameter, 12,000 RPM  
3/8"-24 Spindle Thread**

- Includes 50192 locking-type Backing Pad, 4" (102 mm) in diameter (see page 242).
- Accepts optional 4" (102 mm) diameter locking-type Abrasive Discs.



Model 52631



Model 52631

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52631        | 1.3 (970)    | 12,000    | 79 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 4.3 (1.9)         | 10 (254)         | 3.3 (84)         |

**Tune-Up Kit: No. 96100** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Model 52634

**4-1/2" (114 mm) Diameter  
12,000 RPM, 5/8"-11 Spindle Thread**

- Includes 51148 Backing Pad, 4-1/2" (114 mm) diameter, plus mounting hardware.
- Accepts optional 4-1/2" (114 mm) diameter Abrasive Discs with 7/8" (22 mm) center hole.



Model 52634

*Shown with optional  
50281 Rubber  
Molded Backing  
Pad (see page 242).*



**WATCH Tool  
at Work!**



Model 52634

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52634        | 1.3 (970)    | 12,000    | 79 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 4.4 (2)           | 10 (254)         | 3.3 (84)         |

**Tune-Up Kit: No. 96100** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Model 52635

**5" (127 mm) Diameter, 12,000 RPM  
5/8"-11 Spindle Thread**

- Includes 51150 Backing Pad, 5" (127 mm) diameter, plus mounting hardware.
- Accepts optional 5" (127 mm) diameter Abrasive Discs with 7/8" (22 mm) center hole.



Model 52635

**See page 89 for  
VACUUM Model!**



Model 52635

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52635        | 1.3 (970)    | 12,000    | 79 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 4.4 (2)           | 10 (254)         | 3.3 (84)         |

**Tune-Up Kit: No. 96100** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 4" & 4-1/2" Dia. Disc Sanders

.55 hp and .7 hp Models



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## High-Quality Air-Powered Disc Sanders

FOR ABRASIVE DISCS  
4" (102 mm),  
4-1/2" (114 mm) diameters  
SEE PAGES 279-280

### Model 50324 11,000 RPM, 4" Diameter, Pistol Grip, .7 hp, Gearless, Rear Exhaust

- Includes 50192 Locking-Type Pad (4" diameter); pad mounts to tool spindle without adapters.
- Governor speed control maintains RPM under load.
- Gearless for reduced maintenance and down-time.
- Removable side handle.



Model 50324



Gearless



Model 50324

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 50324        | .7 (522)     | 11,000    | 76 dB(A)    | 32 (906)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.2 (1.0)         | 6-5/8 (168)      | 5-5/8 (143)      |

Tune-Up Kit: No. 96047 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 4-1/2" Diameter, Right Angle, .55 hp

- .55 hp models are ideal for light duty applications on metal, fiberglass and more.
- Gearless for reduced maintenance and downtime.
- Disc mount and flange nut included; 7/8" center hole abrasives are flange-mounted. Rear exhaust.
- All models include safety-lock throttle lever.

### Model 52515 15,000 RPM, 5/8"-11 Thread

- Includes 50267 Disc Pad (4-1/2" diameter).

### Model 52516 15,000 RPM, 5/8"-11 Thread

- Includes 50267 Disc Pad and 07184 Guard.

### Model 52518 15,000 RPM, M14x2 Thread

- Includes 07184 Guard. (Disc Pad not included.)



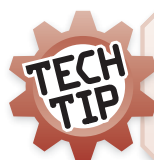
Model 52515



Gearless



Model 52515



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52515        | .55 (410)    | 15,000    | 83 dB(A)    | 33 (934)                      | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male | 1.9 (0.8)         | 6 (152)          | 3-7/8 (98)       |
| 52516        | .55 (410)    | 15,000    | 83 dB(A)    | 33 (934)                      | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male | 1.9 (0.8)         | 6 (152)          | 3-7/8 (98)       |
| 52518        | .55 (410)    | 15,000    | 83 dB(A)    | 33 (934)                      | 3/8 (10)                 | 1/4" NPT         | M14x2        | 1.9 (0.8)         | 6 (152)          | 3-7/8 (98)       |

Tune-Up Kit: No. 96522 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 4-1/2"–5" Dia. Disc Sanders

.7 hp and 1 hp Models



**DISC PADS**  
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## High-Quality Air-Powered Disc Sanders

**FOR ABRASIVE DISCS**  
4-1/2" (114 mm) to  
5" (127 mm) diameters  
SEE PAGE 280

### Pistol Grip, .7 hp, Rear Exhaust

- Each model includes 50267 Disc Pad Assembly for center-hole abrasive discs, 4-1/2" to 5" in diameter.
- Gearless motor for reduced maintenance and downtime.
- Governor-controlled to maintain RPM under heavy load.
- Removable side handle.

**Model 50320 8,000 RPM**

**Model 50321 11,000 RPM**



Model  
50320



**Gearless**



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



**Right:**  
50321 Pistol-Grip  
Disc Sander quickly  
and effectively removes  
excess fiberglass.



Model  
50321

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 50320        | .7 (522)     | 8,000     | 72 dB(A)    | 30 (850)                      | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male | 2.2 (1.0)         | 6-5/8 (168)      | 5-5/8 (143)      |
| 50321        | .7 (522)     | 11,000    | 76 dB(A)    | 32 (906)                      | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male | 2.2 (1.0)         | 6-5/8 (168)      | 5-5/8 (143)      |

**Tune-Up Kit: No. 96047** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Right Angle, 1 hp, Rear Exhaust

- Extended muffler for reduced sound levels.
- Reversible side handle for left or right hand operation.

### 5/8"-11 Thread Models

**Model 52562 9,000 RPM**

- Includes 51150 Disc Pad Assembly.
- 5" diameter.

**Model 52561 11,000 RPM**

- Includes 51148 Disc Pad Assembly.
- 4-1/2" diameter.

### M14 Male Thread Models

- Ideal for use with 115 mm-127 mm diameter Disc Pads with M14 female thread (sold separately).

**Model 52564 9,000 RPM**

**Model 52565 11,000 RPM**



Model  
52561

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52561        | 1 (744)      | 11,000    | 76 dB(A)    | 41 (1,172)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 4 (1.8)           | 11-11/16 (296)   | 3-3/4 (95)       |
| 52562        | 1 (744)      | 9,000     | 77 dB(A)    | 39 (1,116)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 4 (1.8)           | 11-11/16 (296)   | 3-3/4 (95)       |
| 52564        | 1 (744)      | 9,000     | 77 dB(A)    | 39 (1,116)                    | 3/8 (10)                 | 3/8" NPT         | M14x2 Male   | 4 (1.8)           | 11-11/16 (296)   | 3-3/4 (95)       |
| 52565        | 1 (744)      | 11,000    | 76 dB(A)    | 41 (1,172)                    | 3/8 (10)                 | 3/8" NPT         | M14x2 Male   | 4 (1.8)           | 11-11/16 (296)   | 3-3/4 (95)       |

**Tune-Up Kit: No. 96532** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 5" & 7" Dia. Disc Sanders

## 1 hp and 1.2 hp Models



**DISC PADS**  
PAGE 242

**ACCESSORIES**  
PAGE 222

### High-Quality Air-Powered Disc Sanders

**FOR ABRASIVE DISCS**  
5" (127 mm),  
7" (178 mm) diameters  
**SEE PAGE 280**

#### 5" Diameter, Vertical, 1.2 hp, Side Exhaust

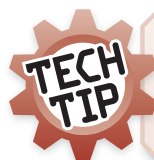
- Each model Includes 51150 Disc Pad Assembly (5" diameter).
- Powerful air motor is governor-controlled to maintain RPM under heavy load.
- Safety-lock throttle lever prevents accidental start-up.
- Side handle increases control and reduces hand fatigue.

**Model 50304 8,500 RPM**

**Model 50307 11,000 RPM**



Model  
50307



95462 Dynaswivel® air line connector is ideal for use with these tools. Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



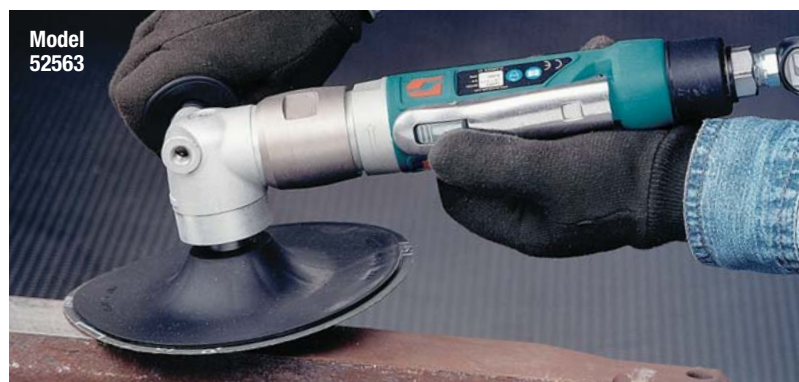
Model  
50304

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 50304        | 1.2 (895)    | 8,500     | 71 dB(A)    | 32 (906)                      | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male | 4.0 (1.8)         | 8 (203)          | 6 (152)          |
| 50307        | 1.2 (895)    | 11,000    | 75 dB(A)    | 36 (1,020)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male | 4.0 (1.8)         | 8 (203)          | 6 (152)          |

**Tune-Up Kit: No. 96041** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Model 52563 7" Diameter, 1 hp, Right Angle, 6,000 RPM, Rear Exhaust

- Includes 51151 Disc Pad Assembly (7" diameter).
- Air motor is governor-controlled to maintain RPM under heavy load.
- Lubricated gears increase durability.
- Side handle is reversible for left or right hand operation.
- Safety-lock throttle lever included.



Model  
52563

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52563        | 1 (744)      | 6,000     | 80 dB(A)    | 40 (1,127)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 4.1 (1.8)         | 11-11/16 (296)   | 3-3/4 (95)       |

**Tune-Up Kit: No. 96532** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 7" Dia. Disc Sanders

## 1.3 hp Model, Right Angle



DISC PADS  
PAGE 242

ACCESSORIES  
PAGE 222

*Lightweight Tool Delivers BIG Power and Performance*

FOR ABRASIVE DISCS  
7" (178 mm) diameter  
SEE PAGE 280

- *Ideal for grinding sheet metal, composites and carbon fiber. Perfect for large surfaces.*
- *Also utilized for sanding and deburring metal parts.*
- *Great for surface conditioning, plus removing paint, rust and mill finish.*

- Includes 51151 Backing Pad, 7" (178 mm) diameter, and flange.
- Tool accepts optional 7" (178 mm) diameter Abrasive Discs with 7/8" (22 mm) center hole.
- Quiet, robust air motor is governor-controlled to maintain consistent RPM under load.
- Convenient Spindle Lock allows quick and easy changing of backing pad or abrasive.
- "Wick Lube" System extends gear life with simple lubrication.
- Vibration dampening side handle is removable for left or right hand use.
- Exhaust system rotates 360° to ensure exhaust is always directed away from operator.
- Solid cast aluminum construction.
- Insulated throttle handle reduces cold air transmission to hand. Throttle Handle position is adjustable.



Model  
52657

### 5/8"-11 Spindle Thread Models

**Model 52657** 6,000 RPM

**Model 52802** 7,200 RPM

**Model 53868** 8,500 RPM

### M14x2 Spindle Thread Models

**Model 52656** 6,000 RPM

**Model 53869** 8,500 RPM



Model  
52657



All models include  
95848 Gear Oil and  
95541 Gear Oil Gun.  
Simple lubrication  
extends gear life.

*See page 90 for  
VACUUM Model!*

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52657        | 1.3 (969)    | 6,000     | 76 dB(A)    | 40 (1,138)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 4.5 (2.0)         | 10 (255)         | 3-9/16 (90)      |
| 52802        | 1.3 (969)    | 7,200     | 78 dB(A)    | 40 (1,138)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 4.5 (2.0)         | 10 (255)         | 3-9/16 (90)      |
| 53868        | 1.3 (969)    | 8,500     | 77 dB(A)    | 40 (1,138)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 4.5 (2.0)         | 10 (255)         | 3-9/16 (90)      |
| 52656        | 1.3 (969)    | 6,000     | 76 dB(A)    | 40 (1,138)                    | 3/8 (10)                 | 3/8" NPT         | M14x2        | 4.5 (2.0)         | 10 (255)         | 3-9/16 (90)      |
| 53869        | 1.3 (969)    | 8,500     | 79 dB(A)    | 40 (1,138)                    | 3/8 (10)                 | 3/8" NPT         | M14x2        | 4.5 (2.0)         | 10 (255)         | 3-9/16 (90)      |

Tune-Up Kit: No. 96100 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 7" Dia. Disc Sanders

## 2 hp and 3 hp Vertical Models



**DISC PADS**  
PAGE 242

**ACCESSORIES**  
PAGE 222

*Grind Sheet Metal, Fiberglass, Composites, Carbon Fiber  
Sand, Deburr Metal Parts • Surface Condition • Remove Mill Finish  
Finish Aluminum • Remove Paint & Rust*

**FOR ABRASIVE DISCS**  
7" (178 mm) diameter  
SEE PAGE 280

- **Governor-controlled air motor** maintains tool RPM under heavy load.
- **Overspeed shut-off feature** ensures maximum operator safety.
- Motor is gearless with less wearable parts, ensuring reduced maintenance and less downtime.
- Insulated tool handle minimizes cold air transmission to the hand. Handle position is adjustable for operator comfort.
- All models include safety-lock throttle lever.
- For peak performance, use of optional 95870 Air Hose (1/2" diameter) is recommended (see page 226).



### 2 hp (1,491 W) Models

- Each model includes 50283 Backup Pad, 7" (178 mm) in diameter (see page 242). Covers more area in less time!
- Pad accepts 7" (178 mm) diameter abrasive discs with 7/8" center hole, sold separately.



Model 53251

**Model 53251**  
**6,000 RPM**

**Model 53253**  
**8,500 RPM**

Model 53251

**Model 53252**  
**7,200 RPM**



**Gearless**

### 3 hp (2,237 W) Models

- Each model includes 50283 Backup Pad, 7" (178 mm) in diameter (see page 242). Covers more area in less time!
- Pad accepts 7" (178 mm) diameter abrasive discs with 7/8" center hole, sold separately.

**Model 53261**  
**6,000 RPM**

**Model 53263**  
**8,500 RPM**

Model 53261

**Model 53262**  
**7,200 RPM**



**Gearless**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 53251        | 2 (1,491)    | 6,000     | 81 dB(A)    | 80 (2,265)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 7.9 (3.6)         | 9.4 (240)        | 5.8 (148)        |
| 53252        | 2 (1,491)    | 7,200     | 81 dB(A)    | 87 (2,464)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 7.9 (3.6)         | 9.4 (240)        | 5.8 (148)        |
| 53253        | 2 (1,491)    | 8,500     | 80 dB(A)    | 84 (2,379)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 7.9 (3.6)         | 9.4 (240)        | 5.8 (148)        |
| 53261        | 3 (2,237)    | 6,000     | 79 dB(A)    | 89 (2,520)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 8.6 (3.9)         | 9.4 (240)        | 6.3 (160)        |
| 53262        | 3 (2,237)    | 7,200     | 82 dB(A)    | 98 (2,775)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 8.6 (3.9)         | 9.4 (240)        | 6.3 (160)        |
| 53263        | 3 (2,237)    | 8,500     | 82 dB(A)    | 97 (2,747)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 8.6 (3.9)         | 9.4 (240)        | 6.3 (160)        |

**Tune-Up Kit:** 2 hp Models – **No. 96552**; 3 hp Models – **No. 96553** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Right Angle Wet Sander

## Air-Powered Wet Rotary Sander

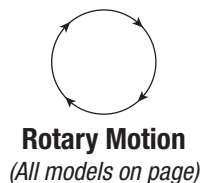


**DISC PADS**  
PAGE 240

**WET TANK**  
PAGE 255

### For Slow-Speed Material Removal

- All models run 5", 6", or 8" diameter polishing pads. Pads sold separately.
- Accepts variety of abrasive products including surface conditioning discs and film-backed discs.
- Water is fed through the center of pad directly to the work surface, providing optimum flushing of work surface and pad. This prevents buildup of sanding residue on the disc, allowing the tool to be used efficiently in any position. Independent water rinse allows flushing of the work surface without starting the tool.
- High torque air motor with variable speed. Rear exhaust muffler reduces noise levels.
- Safety-lock throttle and soft-grip handle (adjusts to left or right hand).



### Basic Models

- Includes pre-assembled hook-ups, 95848 Gear Oil (2.5 oz. tube) and 95541 Grease Gun.

**Model 51474** 0-2,000 RPM, 5/8"-11 Thread

**Model 51602** 0-2,000 RPM, M14 Thread

**Model 51476** 0-3,100 RPM, 5/8"-11 Thread

**Model 51603** 0-3,100 RPM, M14 Thread

### Deluxe Models

- Includes pre-assembled hook-ups and overhose assembly to reduce sound level. Also includes 96323 Air Line (3/8"), 95848 Gear Oil (2.5 oz. tube) and 95541 Grease Gun.

**Model 51479** 0-2,000 RPM, 5/8"-11 Thread

**Model 51604** 0-2,000 RPM, M14 Thread

**Model 51605** 0-3,100 RPM, M14 Thread



After using your wet tool, wipe the tool down with a clean, dry rag and let dry. Then store the tool with the sanding pad face down.



As 51479 is run, water is fed through pad center directly to work surface.

| Model Number | Motor hp (W) | Motor RPM | Pad Dia. Inch (mm) | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 51474        | .7 (522)     | 0-2,000   | 6 (152)            | 82 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male | 4.8 (2.2)         | 13 (330)         | 3-1/8 (79)       |
| 51476        | .7 (522)     | 0-3,100   | 6 (152)            | 80 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male | 4.8 (2.2)         | 13 (330)         | 3-1/8 (79)       |
| 51479        | .7 (522)     | 0-2,000   | 6 (152)            | 81 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male | 4.8 (2.2)         | 13 (330)         | 3-1/8 (79)       |
| 51602        | .7 (522)     | 0-2,000   | 6 (152)            | 82 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 1/4" NPT         | M14 Male     | 4.8 (2.2)         | 13 (330)         | 3-1/8 (79)       |
| 51603        | .7 (522)     | 0-3,100   | 6 (152)            | 80 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | M14 Male     | 4.8 (2.2)         | 13 (330)         | 3-1/8 (79)       |
| 51604        | .7 (522)     | 0-2,000   | 6 (152)            | 82 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 1/4" NPT         | M14 Male     | 4.8 (2.2)         | 13 (330)         | 3-1/8 (79)       |
| 51605        | .7 (522)     | 0-3,100   | 6 (152)            | 80 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | M14 Male     | 4.8 (2.2)         | 13 (330)         | 3-1/8 (79)       |

Tune-Up Kit: No. 96178 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 2"-7" Dia. Vacuum Disc Sanders

## 7° Offset and Right Angle Models



VAC SHROUDS  
PAGE 221

DISC PADS  
PAGE 242

*Dynabrade's Vacuum Disc Sanders offer efficient material removal on non-metallic surfaces such as carbon fiber, composites, fiberglass, painted aluminum, coated parts and more. As tool is sanding, unique Vacuum Shroud captures dust, debris and contaminants (including Hexavalent Chromium) to external vacuum source – ensuring cleaner, safer workplace. An essential tool family for nuclear plants, aerospace, automotive, marine and transportation industries.*

FOR ABRASIVE DISCS  
2", 3", 5" and 7" diameters  
(25 mm, 76 mm, 127 mm, 178 mm)  
SEE PAGES 279-280

DISC SANDERS



Model 51236  
2" (51 mm) Dia.  
Page 85



Model 51230  
2" (51 mm) Dia.  
Page 86



Model 50561  
3" (76 mm) Dia.  
Page 88



Model 52596  
5" (127 mm) Dia.  
Page 89



Model 52596  
5" (127 mm) Dia.  
Page 89

### Customers Tell the Story

From a fiberglass tank manufacturer:

*"We are extremely satisfied with these tools."*

From a yacht manufacturer:

*"Our operators are satisfied to the point where their sanding techniques now maximize the capture of contaminants."*

From a fiberglass fabricator:

*"Testing these tools has yielded excellent results."*





# 2" Dia. Vacuum Disc Sanders

.4 hp, 7° Offset Models, Rear Exhaust



VAC SHROUDS  
PAGE 221

DISC PADS  
PAGE 242

## Material Removal with Source Capture

- Flexible, non-marring Vacuum Shroud is constructed of high-quality clear urethane.
- Vacuum Shroud allows capture of dust, debris and contaminants such as Hexavalent Chromium.
- For use on **non-metallic materials**, such as fiberglass and composites.
- Shroud angle of 6° ensures ideal surface contact, for maximum dust extraction.
- Gearless motor design for reduced maintenance and downtime.
- Low profile design – tool height of only 3-7/8" (98 mm).
- Safety-lock throttle lever is standard on all models.

FOR ABRASIVE DISCS  
2" (25 mm) diameter  
SEE PAGE 279

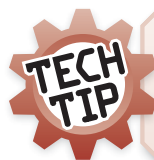


Model  
51235

## Self-Generated Vacuum Model

### Model 51235 25,000 RPM

- Includes 51344 Backing Pad, for 2" (51 mm) diameter locking-type abrasive discs.
- Utilizes tool's exhaust to create strong vacuum suction.
- 1" (25 mm) diameter vacuum port ready for connection to optional portable dust-collection system (see page 219).



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



Gearless

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 51235        | .4 (298)     | 25,000    | 88 dB(A)    | 20 (556)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.3 (0.6)         | 9-3/4 (249)      | 3-7/8 (98)       |

Tune-Up Kit: No. 96049 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

## Central Vacuum Model

### Model 51236 25,000 RPM

- Includes 51344 Backing Pad, for 2" (51 mm) diameter locking-type abrasive discs.
- 1-1/4" (32 mm) diameter vacuum port allows connection to external or central vacuum system.



Model  
51236

1-1/4"  
Port

**Vacuum Conversion Kits and Shrouds also Sold Separately! See Page 221.**



Gearless

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 51236        | .4 (298)     | 25,000    | 78 dB(A)    | 20 (556)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.7 (0.7)         | 10-1/4 (261)     | 3-7/8 (98)       |

Tune-Up Kit: No. 96049 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 2" Dia. Vacuum Disc Sanders

.4 hp, Right Angle Models, Rear Exhaust



VAC SHROUDS  
PAGE 221

DISC PADS  
PAGE 242

## Material Removal with Source Capture

- Flexible, non-marring Vacuum Shroud is constructed of high-quality clear urethane.
- Vacuum Shroud allows capture of dust, debris and contaminants such as Hexavalent Chromium.
- For use on **non-metallic materials**, such as fiberglass and composites.
- Low profile design – tool height of only 3-1/2" (89 mm).
- "Wick Lube" system extends gear life with simple lubrication.
- Safety-lock throttle lever is standard on all models.

FOR ABRASIVE DISCS  
2" (25 mm) diameter  
SEE PAGE 279

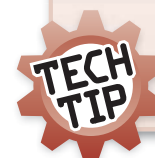


## Self-Generated Vacuum Models

- Each model includes 51344 Backing Pad, for 2" (51 mm) diameter locking-type abrasive discs.
- Utilizes tool's exhaust to create strong vacuum suction.
- 1" (25 mm) diameter vacuum port ready for connection to optional portable dust-collection system (see page 219).



All models on page include 95848 Gear Oil and 95541 Gear Oil Gun. Simple lubrication extends gear life.



**Model 51225 12,000 RPM**

**Model 51226 15,000 RPM**

**Model 51227 20,000 RPM**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 51225        | .4 (298)     | 12,000    | 88 dB(A)    | 20 (556)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.4 (0.6)         | 9 (228)          | 3-1/2 (90)       |
| 51226        | .4 (298)     | 15,000    | 89 dB(A)    | 20 (556)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.4 (0.6)         | 9 (228)          | 3-1/2 (90)       |
| 51227        | .4 (298)     | 20,000    | 88 dB(A)    | 20 (556)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.4 (0.6)         | 9 (228)          | 3-1/2 (90)       |

**Tune-Up Kit: No. 96179** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

## Central Vacuum Models

- Each model includes 51344 Backing Pad, for 2" (51 mm) diameter locking-type abrasive discs.
- 1-1/4" (32 mm) diameter vacuum port allows connection to external or central vacuum system.

**Model 51230 12,000 RPM**

**Model 51231 15,000 RPM**

**Model 51232 20,000 RPM**



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 51230        | .4 (298)     | 12,000    | 82 dB(A)    | 20 (556)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.7 (0.7)         | 9-3/4 (249)      | 3-1/2 (90)       |
| 51231        | .4 (298)     | 15,000    | 79 dB(A)    | 20 (556)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.7 (0.7)         | 9-3/4 (249)      | 3-1/2 (90)       |
| 51232        | .4 (298)     | 20,000    | 81 dB(A)    | 20 (556)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.7 (0.7)         | 9-3/4 (249)      | 3-1/2 (90)       |

**Tune-Up Kit: No. 96179** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 3" Dia. Vacuum Disc Sanders

.4 hp, Right Angle Models, Rear Exhaust



VAC SHROUDS  
PAGE 221

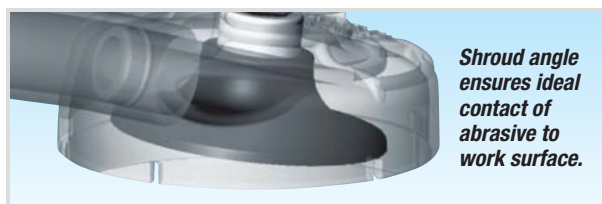
DISC PADS  
PAGE 242

## Material Removal with Source Capture

FOR ABRASIVE DISCS  
3" (76 mm) diameter  
SEE PAGE 279

### Self-Generated Vacuum Models

- Flexible, non-marring Vacuum Shroud allows capture of dust, debris and contaminants (including Hexavalent Chromium).
- Vacuum Shroud constructed of high-quality clear urethane. Unique "view port" allows operator to see edge of sanding disc, and offers optimum view of work surface.
- For use on **non-metallic materials**, such as fiberglass and composites.
- Utilizes tool's exhaust to create strong vacuum suction. 1" (25 mm) diameter vacuum port ready for connection to optional portable self-contained dust collection system (see page 219).
- Each model includes 51346 Backing Pad, for 3" (76 mm) diameter locking-type abrasive discs.
- "Wick Lube" system extends gear life with simple lubrication.



Self-Generated Vacuum,  
Trimmed Shroud

All models on page include 95848 Gear Oil and 95541 Gear Oil Gun. Simple lubrication extends gear life.



### Model 50210 Trimmed Shroud, 15,000 RPM

- Trimmed Shroud height of 1" (25 mm) accommodates 3" (76 mm) diameter locking-type abrasive discs (sold separately).

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 50210        | .4 (298)     | 15,000    | 86 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.7 (0.7)         | 9-3/4 (249)      | 3-7/8 (98)       |

Tune-Up Kit: No. 96179 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Model 50570 Standard Shroud, 15,000 RPM

- Standard Shroud height of 1-1/2" (38 mm) accommodates 2" (51 mm) diameter bristle-type discs (sold separately).
- Standard Shroud may also be trimmed for accommodating 3" (76 mm) locking-type coated abrasive and non-woven nylon discs.



Self-Generated Vacuum,  
Standard Shroud

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 50570        | .4 (298)     | 15,000    | 86 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.7 (0.7)         | 9-3/4 (249)      | 4-3/8 (109)      |

Tune-Up Kit: No. 96179 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 3" Dia. Vacuum Disc Sanders

.4 hp, Right Angle Models, Rear Exhaust



VAC SHROUDS  
PAGE 221

DISC PADS  
PAGE 242

## Material Removal with Source Capture

### Central Vacuum Models

- Flexible, non-marring Vacuum Shroud allows capture of dust, debris and contaminants (including Hexavalent Chromium) for cleaner, safer work environment.
- Vacuum Shroud constructed of high-quality clear urethane. Unique "view port" allows operator to see edge of sanding disc, and offers optimum view of work surface.
- Vacuum Shroud angle ensures ideal surface contact for maximum debris extraction.
- For use on **non-metallic materials**, such as fiberglass and composites.
- 1-1/4" (32 mm) diameter vacuum port ready for connection to external or central vacuum system.
- Each model includes 51346 Backing Pad, for 3" (76 mm) diameter locking-type abrasive discs.
- "Wick Lube" system extends gear life with simple lubrication.



Model  
50211

Central Vacuum,  
Trimmed Shroud

All models on page include 95848 Gear Oil and 95541 Gear Oil Gun. Simple lubrication extends gear life.



### Model 50211 Trimmed Shroud, 15,000 RPM

- Trimmed Shroud height of 1" (25 mm) accommodates 3" (76 mm) diameter locking-type abrasive discs (sold separately).

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 50211        | .4 (298)     | 15,000    | 83 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.7 (0.7)         | 10-1/2 (266)     | 3-7/8 (98)       |

Tune-Up Kit: No. 96179 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Model 50561 Standard Shroud, 15,000 RPM

- Standard Shroud height of 1-1/2" (38 mm) accommodates 2" (51 mm) diameter bristle-type discs (sold separately).
- Standard Shroud may also be trimmed for accommodating 3" (76 mm) locking-type coated abrasive and non-woven nylon discs.



Model  
50561

Central Vacuum,  
Standard Shroud

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 50561        | .4 (298)     | 15,000    | 83 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.7 (0.7)         | 10-1/2 (266)     | 4-3/8 (109)      |

Tune-Up Kit: No. 96179 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 5" Dia. Vacuum Disc Sander

1.3 hp, Right Angle Model



VAC SHROUD  
BELOW

DISC PADS  
PAGE 242

## Material Removal with Source Capture

- Flexible, non-marring Vacuum Shroud is constructed of high-quality clear urethane.
- Vacuum Shroud allows capture of dust, debris and contaminants such as Hexavalent Chromium.
- Shroud brush assists in capture of airborne contaminants.
- Ideal for use on **non-metallic surfaces** such as fiberglass and composites. A vital tool in the marine industry and aftermarket!

FOR ABRASIVE DISCS  
5" (127 mm) diameter  
SEE PAGE 280

### Model 52596

**Central Vacuum, 12,000 RPM, 5/8"-11 Spindle**

- Dynabrade 1.3 hp Disc Sander (52635) with 52744 Vacuum Shroud.
- Tool includes 51150 Backing Pad, 5" (127 mm) diameter, plus mounting hardware.
- Accepts optional 5" (127 mm) diameter Abrasive Discs with 7/8" (22 mm) center hole.
- Robust, governor-controlled 1.3 hp (970 W) air motor.
- Tool housing and handle made of solid cast aluminum.
- Insulated throttle handle reduces cold air transmission.
- Vacuum Shroud angle ensures ideal surface contact for maximum debris extraction.
- "Wick Lube" system extends gear life with simple lubrication.
- Includes 95848 Gear Oil and 95541 Gear Oil Gun.
- Tool includes vibration-dampening side handle.
- Safety-lock throttle lever is standard.



Model 52596

Vacuum Shroud with unique "View Port"



**WATCH this  
Disc Sander  
at Work!**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52596        | 1.3 (970)    | 12,000    | 81 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 5.5 (2.5)         | 16 (410)         | 4 (100)          |

**Tune-Up Kit: No. 96100** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



## Vacuum Shroud Assembly

- 52744 Vacuum Shroud Assembly is sold separately, for converting Dynabrade 52635 Disc Sander (page 77) into vacuum model.
- Individual components (as shown) also sold separately.

# 7" Dia. Vacuum Disc Sander

1.3 hp, Right Angle Model

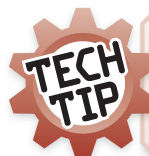


**COUPLER/PLUG**  
PAGE 228

**DISC PADS**  
PAGE 242

## Material Removal with Source Capture

- *Grind, Sand, Deburr, Finish*
- *For use on Non-Metallic Surfaces such as Carbon Fiber, Composites, Fiberglass, Turbine Blades, more*
- *Vacuum Shroud Captures Airborne Contaminants such as Hexavalent Chromium*



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



**FOR ABRASIVE DISCS**  
7" (178 mm) diameter  
SEE PAGE 280

1-1/4" diameter Swivel Cuff improves maneuverability!

Vibration Dampening Side Handle (for left or right hand use)

Includes Conductive Hose & Cuffs, to shield operator from electrostatic discharge (ESD)!

Model 52597

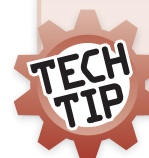
## Model 52597

### Central Vacuum, 6,000 RPM, 5/8"-11 Spindle

- An essential tool for nuclear plants, aerospace, wind energy, automotive and marine markets.
- Tool accepts optional 7" (178 mm) diameter Abrasive Discs with 7/8" (22 mm) center hole.
- Includes 51151 Backing Pad, 7" (178 mm) in diameter, and flange.
- Lightweight non-marring Vacuum Shroud is constructed of high-quality clear urethane.
- 3/4" (19 mm) Shroud Brush assists in capture of airborne contaminants.
- Shroud has "View Port" which allows operator to see abrasive disc and work surface.
- Quiet, robust 1.3 hp air motor is governor-controlled to maintain consistent RPM under load.
- Convenient Spindle Lock allows quick and easy changing of backing pad or abrasive.
- "Wick Lube" System extends gear life with regular lubrication.
- 52747 Vacuum Shroud (7" dia.) is also available separately.

Vacuum Shroud with Unique "View Port"

Model includes 95848 Gear Oil and 95541 Gear Oil Gun. Simple lubrication extends gear life.



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52597        | 1.3 (969)    | 6,000     | 76 dB(A)    | 40 (1,138)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 5.8 (2.6)         | 14-5/8 (373)     | 3-7/8 (104)      |

**Tune-Up Kit: No. 96100** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Dynabrade Systems & Solutions

For Disc Sanders – Suggested Tool/Accessory Combinations



| TOOL   | ABRASIVE  | ACCESSORIES   |   |  |   |   |   |
|--|---|---|---|--|---|---|---|
| <b>Disc Sander</b><br>Model 48503<br>7° Offset,<br>25,000 RPM,<br>.4 hp<br>Page 72   |    | <b>2" Diameter Abrasive Discs</b><br>Locking-Type<br>Page 279         |    | <b>Disc Sanding Pad</b><br>51344<br>Locking-Type<br>Page 242 |    | <b>Overhose Assembly</b><br>94994<br>Page 247 |    |
| <b>Disc Sander</b><br>Model 47822<br>Right Angle,<br>20,000 RPM,<br>.4 hp<br>Page 73 |    | <b>2" Diameter Abrasive Discs</b><br>Locking-Type<br>Page 279         |    | <b>Disc Sanding Pad</b><br>51344<br>Locking-Type<br>Page 242 |    | <b>DynaJet Blow Gun</b><br>94467<br>Page 224  |    |
| <b>Disc Sander</b><br>Model 48531<br>Right Angle,<br>15,000 RPM,<br>.4 hp<br>Page 74 |    | <b>3" Diameter Abrasive Discs</b><br>Locking-Type<br>Page 279         |    | <b>Disc Sanding Pad</b><br>51346<br>Locking-Type<br>Page 242 |    | <b>Vacuum Shroud Kit</b><br>54603<br>Page 221 |    |
| <b>Pistol Grip Disc Sander</b><br>Model 50321<br>11,000 RPM, .7 hp<br>Page 79        |   | <b>4-1/2" - 5" Diameter Abrasive Discs</b><br>Center Hole<br>Page 280 |   | <b>Disc Pad Assembly</b><br>50267<br>Page 242                |   | <b>Motor Tune-Up Kit</b><br>96047<br>Page 267 |   |
| <b>Disc Sander</b><br>Model 52563<br>Right Angle,<br>6,000 RPM, 1 hp<br>Page 80      |  | <b>7" Diameter Abrasive Discs</b><br>Center Hole<br>Page 280          |  | <b>Disc Sanding Pad</b><br>51151<br>Page 242                 |  | <b>Gear Oil</b><br>95848<br>Page 254          |  |

DISC SANDERS

## ESSENTIAL ACCESSORIES

|   |   |   |  |   |
|---|---|---|--|---|
| <b>Metal Capture Downdraft Station</b><br><b>64350</b> Page 208                     | <b>Air Lube (10W/NR)</b><br><b>95842</b> Page 254                                   | <b>Dynüba 100</b><br><b>60005</b> Page 254  | <b>Dynaswivel®</b><br><b>94300</b> Page 223  | <b>Filter-Regulator-Lubricator</b><br><b>10681</b> Page 224                           |
|  |  |  |  |  |
|   |   | <b>Dynüba 26</b><br><b>60020</b> Page 254   | <b>Coupler/Plug Assemblies</b><br><b>95676, 97572</b> Page 228                       | <b>Air Hose Assemblies</b><br><b>94863, 94852, 94892</b> Page 225                     |
|   |   |  |  |  |



# **DYNABRADE<sup>®</sup>**

# ***GRINDERS***

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**GRINDERS**





# Depressed Center Wheel Grinders

## Air-Powered Grinders, 2" and 3" Diameter



**COUPLER/PLUG**  
PAGE 228

**ACCESSORIES**  
PAGE 222

*For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring*

**FOR TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS**  
2", 3" Dia. (51 mm, 76 mm)  
*SEE PAGE 281*

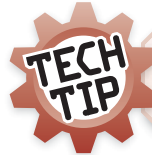
### 2" Diameter, Right Angle, .4 hp, Rear Exhaust

- Each model includes 90999 Type 27 Reinforced Depressed Center Wheel (24 grit), 2" diameter with 3/8" center hole (maximum wheel width of 3/16").
- Compact, short muffler design.
- Safety-lock throttle lever, wheel guard and flanges are included.

**Model 52710 12,000 RPM**

**Model 52711 15,000 RPM**

**Model 52712 20,000 RPM**



NEVER remove required  
Wheel Guard from Depressed  
Center Wheel Grinder.



Model  
52710

### 3" Diameter, Right Angle, .4 hp, Rear Exhaust

**Model 52705 15,000 RPM**

- Accepts optional 3" diameter Type 27 Reinforced Depressed Center Wheel, with 3/8" center hole (wheel width of 1/8" to 1/4").
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime (following proper maintenance procedures).
- 15,000 RPM air motor has Kevlar® phenolic vanes for longer life.
- Air passage continually cools gear box to reduce wear and heat buildup.
- Safety-lock throttle lever, wheel guard and flanges are included.
- Extended rear exhaust muffler design.



Model  
52705

Wheel Sold  
Separately

### 3" Diameter, Right Angle, .55 hp, Rear Exhaust

**Model 57127 15,000 RPM**

- Accepts optional 3" diameter Type 27 Reinforced Depressed Center Wheel, with 3/8" center hole (maximum wheel width of 1/8").
- Powerful high-torque grinding action; standard muffler for reduced sound levels.
- Gearless design for reduced maintenance and downtime.
- Removable side handle. Also includes safety-lock throttle lever, plus guard and wheel flange set.



**Gearless**



Model  
57127

Wheel Sold  
Separately

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52705        | .4 (298)     | 15,000    | 77 dB(A)    | 24 (680)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 1.6 (0.7)         | 8-1/4 (210)      | 2-5/8 (67)       |
| 52710        | .4 (298)     | 12,000    | 83 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 1.1 (0.5)         | 5-3/4 (146)      | 3 (76)           |
| 52711        | .4 (298)     | 15,000    | 85 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 1.1 (0.5)         | 5-3/4 (146)      | 3 (76)           |
| 52712        | .4 (298)     | 20,000    | 84 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 1.1 (0.5)         | 5-3/4 (146)      | 3 (76)           |
| 57127        | .55 (410)    | 15,000    | 84 dB(A)    | 33 (934)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.9 (0.8)         | 6 (152)          | 3-7/8 (98)       |

**Tune-Up Kit:** 52705, 52710, 52711, 52712 – No. 96179; 57127 – No. 96522 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Depressed Center Wheel Grinders

## Air-Powered Grinders, 3" Diameter



**COUPLER/PLUG**  
PAGE 228

**ACCESSORIES**  
PAGE 222

*For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring*

**FOR TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS**  
3" (76 mm) Diameter  
SEE PAGE 281

- Models accepts optional 3" diameter Type 27 reinforced Depressed Center Wheels, with 3/8" center hole (wheel width of 1/8" to 1/4").
- "Dual-wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime.
- Adjustable wheel guard provides maximum operator protection.
- Safety-lock lever is included.



### Composite Housing Models

#### Right Angle, .7 hp, Rear Exhaust

- Models include aluminum right angle head.

#### **Model 54767 18,000 RPM**

- Includes side handle for left or right-hand use.

#### **Model 54769 18,000 RPM, Extended**

- Extension design allows longer reach on work piece, and two-hand control for added comfort.



### Steel Housing Models

#### Right Angle, .7 hp, Rear Exhaust

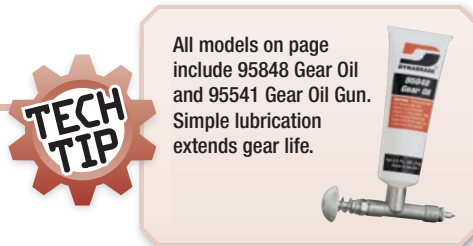
- Steel housings offer increased durability!
- Models include steel right angle housing.

#### **Model 54783 18,000 RPM**

- Includes side handle for left or right-hand use.

#### **Model 54785 18,000 RPM, Extended**

- Extension design allows longer reach on work piece, and two-hand control for added comfort.



**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 54767        | .7 (522)     | 18,000    | 81 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.8 (1.3)         | 8 (202)          | 3 (76)           |
| 54769        | .7 (522)     | 18,000    | 82 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3.4 (1.5)         | 11-3/8 (288)     | 3 (76)           |
| 54783        | .7 (522)     | 18,000    | 80 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3.6 (1.6)         | 8-1/16 (204)     | 3 (76)           |
| 54785        | .7 (522)     | 18,000    | 80 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 4.0 (1.8)         | 11-7/16 (290)    | 3 (76)           |

**Tune-Up Kit:** Composite – No. 96680; Steel – No. 98623 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Depressed Center Wheel Grinders

## Air-Powered Grinders, 3" and 4" Diameter



**DYNASWIVEL®**  
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**COUPLER/PLUG**  
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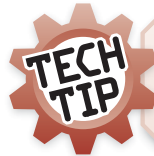
*For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring*

**FOR TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS**  
3", 4" Dia. (76 mm, 102 mm)  
*SEE PAGE 281*

### 3" Diameter, 7° Offset, .7 hp, Front Exhaust

#### Model 52700 18,000 RPM

- Accepts optional 3" diameter Type 27 Reinforced Depressed Center Wheels, with 3/8" center hole (wheel width of 1/8" to 1/4").
- Powerful high-torque grinding action.
- Gearless design for reduced maintenance and downtime.
- Handle is offset 7° for enhanced operator comfort.
- Removable side handle; guard and wheel flange set included.
- Easily converts to 1/4" Die Grinder (with optional 50010 Collet), or Drill (with optional 53032 Chuck).



Use **ONLY** Type 27 Reinforced Depressed Center Wheels (sold separately, unless noted) with Depressed Center Wheel Grinders.



Model 52700



**Gearless**

*Wheel Sold Separately*

### 4" Diameter, Right Angle, .4 hp, Rear Exhaust

#### Model 52706 12,000 RPM

- Accepts optional 4" diameter Type 27 Reinforced Depressed Center Grinding Wheel, with 5/8" center hole (wheel width of 1/8" to 1/4").
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime. Tool includes 95848 Gear Oil and 95541 Gear Oil Gun.
- 12,000 RPM air motor has Kevlar® phenolic vanes for longer life.
- Air passage continually cools gear box to reduce wear and heat buildup.
- Safety-lock throttle lever, wheel guard and flanges are included.
- Extended rear exhaust muffler design.



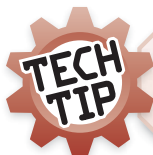
Model 52706

*Wheel Sold Separately*

### 4" Diameter, Right Angle, 1 hp, Rear Exhaust

#### Model 50302 12,000 RPM

- Accepts optional 4" diameter Type 27 Reinforced Depressed Center Wheel, with 5/8" center hole (wheel width of 1/8" to 1/4").
- Powerful high-torque grinding action; extended rear muffler ensures lowest sound level.
- Reversible side handle for left or right hand operation.



Always use required Wheel Guard. Never remove a guard that is specified for a tool.



Model 50302

*Wheel Sold Separately*

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 50302        | 1 (744)      | 12,000    | 76 dB(A)    | 40 (1,138)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 4.5 (2.0)         | 11-3/4 (299)     | 3-5/8 (92)       |
| 52700        | .7 (522)     | 18,000    | 83 dB(A)    | 32 (906)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.2 (1.0)         | 7-1/4 (184)      | 4-1/2 (114)      |
| 52706        | .4 (298)     | 12,000    | 78 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 1.7 (0.8)         | 7-1/2 (189)      | 3 (76)           |

**Tune-Up Kit:** 50302 – No. 96532; 52700 – No. 96045; 52706 – No. 96179 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Depressed Center Wheel Grinders

## Air-Powered Grinders, 4" Diameter



**DYNASWIVEL®**  
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**COUPLER/PLUG**  
PAGE 228

*For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring*

**FOR TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS**  
4" (102 mm) Diameter  
SEE PAGE 281

- Models accepts optional 4" diameter Type 27 reinforced Depressed Center Wheels, with 3/8" center hole (wheel width of 1/8" to 1/4").
- "Dual-wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime.
- Adjustable wheel guard provides maximum operator protection.
- Safety-lock lever is included.



Model 54771

Wheel Sold Separately



Model 54773

Wheel Sold Separately

### Composite Housing Models

#### Right Angle, .7 hp, Rear Exhaust

- Models include aluminum right angle head.

**Model 54771 12,000 RPM**

**Model 54775 13,500 RPM**

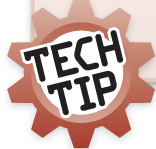
- Each model includes side handle for left or right-hand use.

**Model 54773 12,000 RPM, Extended**

**Model 54777 13,500 RPM, Extended**

- Extension design allows longer reach on work piece, and two-hand control for added comfort.

Model includes 95848 Gear Oil and 95541 Gear Oil Gun. Simple lubrication extends gear life.



### Steel Housing Models

#### Right Angle, .7 hp, Rear Exhaust

- Steel housings offer increased durability!
- Models include steel right angle housing.

**Model 54787 12,000 RPM**

**Model 54791 13,500 RPM**

- Each model includes side handle for left or right-hand use.

**Model 54789 12,000 RPM, Extended**

**Model 54793 13,500 RPM, Extended**

- Extension design allows longer reach on work piece, and two-hand control for added comfort.



Model 54791

Wheel Sold Separately



Model 54793

Wheel Sold Separately

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 54771        | .7 (522)     | 12,000    | 83 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.9 (1.3)         | 8 (202)          | 3-1/16 (78)      |
| 54773        | .7 (522)     | 12,000    | 81 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3.5 (1.6)         | 11-3/8 (288)     | 3-1/16 (78)      |
| 54775        | .7 (522)     | 13,500    | 83 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.9 (1.3)         | 8 (202)          | 3-1/16 (78)      |
| 54777        | .7 (522)     | 13,500    | 80 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3.5 (1.6)         | 11-3/8 (288)     | 3-1/16 (78)      |
| 54787        | .7 (522)     | 12,000    | 83 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3.7 (1.7)         | 8-1/16 (204)     | 3-1/16 (78)      |
| 54789        | .7 (522)     | 12,000    | 79 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 4.2 (1.9)         | 11-7/16 (290)    | 3-1/16 (78)      |
| 54791        | .7 (522)     | 13,500    | 84 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3.7 (1.7)         | 8-1/16 (204)     | 3-1/16 (78)      |
| 54793        | .7 (522)     | 13,500    | 80 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 4.2 (1.9)         | 11-7/16 (290)    | 3-1/16 (78)      |

**Tune-Up Kit:** Composite – No. 96680; Steel – No. 98623 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Depressed Center Wheel Grinders

## 1.3 hp, Right Angle, 4"-5" Diameter



COUPLER/PLUG  
PAGE 228

ACCESSORIES  
PAGE 222

*Dynabrade's 1.3 hp (970 W) Right Angle Depressed Center Wheel Grinders offer countless grinding solutions to industries such as metal/stainless steel fabrication, composites, masonry, ironwork and general welding. Designed to the Dynabrade standard of excellence, these tools offer a wide array of features to increase efficiency and maximize operator comfort!*

**FOR TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS**  
4"-5" Dia. (102 mm-127 mm)  
SEE PAGE 281

### Vibration Dampening Side Handle

Specially designed to reduce vibration transfer to operator. Removable for left or right hand use.

### Rotational Exhaust System

Rotates a full 360° to ensure that exhaust is directed away from operator.

### Safety-Lock Throttle Lever

Prevents accidental start-up of tool. Lever has no sharp edges or "pinch points."

### Cast Aluminum Construction

Tool housing and handle made of solid cast aluminum.

### "Wick Lube" System for Longer Gear Life

Extends gear life with simple lubrication. All models include 95848 Gear Oil and 95541 Gear Oil Gun.



Model  
52632

Type 27 Wheel  
Sold Separately

### Insulated Throttle Handle

Reduces cold air transmission to operator's hand. Handle position is adjustable, increasing comfort and efficiency.

### Robust 1.3 hp Air Motor

1.3 hp (970 W) governor-controlled air motor delivers powerful, efficient performance.

### Convenient Spindle Lock

Allows quick and easy change of grinding wheel or abrasive disc. Less downtime!

GRINDERS



52632 Depressed Center Wheel Grinder also powers optional Abrasive Flap Discs.



Ergonomic design of tool offers the best in operator comfort.



All models include powerful 1.3 hp air motor running at 12,000 or 13,500 RPM.

# Depressed Center Wheel Grinders

1.3 hp, Right Angle, 4"-5" Diameter



DYNASWIVEL®  
PAGE 223

COUPLER/PLUG  
PAGE 228

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

FOR TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS  
4"-5" Dia. (102 mm-127 mm)  
SEE PAGE 281

4" (102 mm) Diameter, 13,500 RPM Model

## Model 52630

13,500 RPM, 3/8"-24 Spindle Thread

- Tool accepts optional 4" (102 mm) diameter Type 27 Reinforced Depressed Center Wheels with 5/8" (16 mm) center hole (wheel width of 1/8" to 1/4").

Vibration Dampening  
Side Handle included!  
(All models on page)



Type 27 Wheel  
Sold Separately

4-1/2" (114 mm) Diameter, 12,000 RPM Models

- Tool accepts optional 4-1/2" (114 mm) diameter Type 27 Reinforced Depressed Center Wheels with 7/8" (22 mm) center hole (wheel width of 1/8" to 1/4").
- Tool also accepts optional 4-1/2" (114 mm) diameter Abrasive Flap Discs (flanging sold separately).

Model 52632 5/8"-11 Spindle Thread

Model 52638 M14x2 Spindle Thread



Type 27 Wheel  
Sold Separately

### Optional Backup Flange

- For mounting high-profile Abrasive Flap Disc with 7/8" center hole.

53697 – for 5/8"-11 Models.

53630 – for M14x2 Models.



5" (127 mm) Diameter, 12,000 RPM Models

- Tool accepts optional 5" (127 mm) diameter Type 27 Reinforced Depressed Center Wheels with 7/8" (22 mm) center hole (wheel width of 1/8" to 1/4").
- Tool also accepts optional 5" (127 mm) diameter Abrasive Flap Discs (flanging sold separately).

Model 52633 5/8"-11 Spindle Thread

Model 52639 M14x2 Spindle Thread



Type 27 Wheel  
Sold Separately

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52630        | 1.3 (970)    | 13,500    | 81 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 4.8 (2.2)         | 10 (254)         | 3.4 (86)         |
| 52632        | 1.3 (970)    | 12,000    | 79 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 5.1 (2.3)         | 10 (254)         | 3.8 (96)         |
| 52633        | 1.3 (970)    | 12,000    | 79 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male | 5.4 (2.5)         | 10 (254)         | 3.8 (96)         |
| 52638        | 1.3 (970)    | 12,000    | 80 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | M14x2 Male   | 5.1 (2.3)         | 10 (254)         | 3.8 (96)         |
| 52639        | 1.3 (970)    | 12,000    | 80 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | M14x2 Male   | 5.4 (2.5)         | 10 (254)         | 3.8 (96)         |

Tune-Up Kit: No. 96100 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Electric Depressed Center Wheel Grinder



**ABRASIVE FLAP DISCS**  
PAGE 280

**SIDE HANDLE**  
PAGE 253

*For 4-1/2" (114 mm) Dia. Grinding Wheels and Abrasive Flap Discs*

**FOR TYPE 27 REINFORCED DEPRESSED CTR. WHEELS**  
4-1/2" (114 mm) Diameter  
SEE PAGE 281

- **Industrial-Quality Electric Motor**
- **Quick Weld & Stock Removal**
- **General Deburring**
- **Rust & Scale Removal**

## Model 40260 11,000 RPM

- Offers countless grinding and material removal solutions to industries such as metal fabrication, general welding, masonry, concrete, composites, ornamental ironwork and maintenance/repair facilities.
- 5/8"-11 spindle thread accepts optional Type 27 Depressed Center Wheels and Abrasive Flap Discs, 4-1/2" (114 mm) diameter with 7/8" (22 mm) center hole.
- Industrial-quality electric motor rated at 6 amps.
- Easily accessible brush holders allow quick brush replacement (recommended every 150 hours).
- Convenient spindle lock offers fast change of accessory.
- Press-fit design keeps gear in place, for optimum gear life.
- Locking power switch allows extended use with less operator fatigue.
- Repositioning side handle for left or right hand operation.
- All ball-bearing and needle-bearing construction ensures longer tool durability.



*40260 Depressed Center Wheel Grinder offers countless grinding and material removal solutions to a wide variety of industries.*

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Maximum Watts Out | Motor RPM | Voltage (AC) | Current Amps | Phase | Frequency | Weight* Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|-------------------|-----------|--------------|--------------|-------|-----------|--------------------|------------------|------------------|
| 40260        | 680               | 11,000    | 120          | 6            | 1     | 60 Hz     | 4.6 (2.1)          | 12 (305)         | 4-1/4 (108)      |

\*Weight includes flanges, side handle and wheel guard, with no wheel attached.

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- **Simplified Chinese** (简体中文)
- **Russian** (русский)





# Depressed Center Wheel Grinders

## Air-Powered Grinders, 5" Diameter



**COUPLER/PLUG**  
PAGE 228

**ACCESSORIES**  
PAGE 222

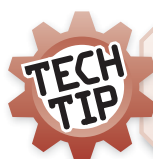
*For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring*

**FOR TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS**  
5" Dia. (127 mm)  
SEE PAGE 281

*5" Diameter, Pistol Grip, .7 hp, Rear Exhaust*

### Model 50340 11,000 RPM

- Accepts optional Type 27 Reinforced Depressed Center Wheel, 5" diameter, with 7/8" center hole. (Wheel width of 1/8" to 1/4".)
- Governor controlled motor to maintain RPM under heavy load.
- Gearless design for reduced maintenance and downtime.
- Removable side handle, guard and wheel flange set included.



Use **ONLY** Type 27 Reinforced Depressed Center Wheels (sold separately, unless noted) with these models.



**Gearless**

Wheel Sold Separately

*5" Diameter, Vertical, 1.2 hp, Side Exhaust*

### Model 50303 12,000 RPM

- Accepts optional Type 27 Reinforced Depressed Center Wheel, 5" diameter, with 7/8" center hole. (Wheel width of 1/8" to 1/4").
- Powerful air motor is governor-controlled to maintain RPM under heavy load.
- Gearless for reduced maintenance and downtime.
- Safety-lock throttle lever prevents accidental startup. Side handle increases safety and reduces hand fatigue.
- Guard and wheel flange set included.



**Gearless**

Wheel Sold Separately

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 50303        | 1.2 (895)    | 12,000    | 81 dB(A)    | 38 (1,076)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male | 5.4 (2.4)         | 8 (203)          | 6-5/8 (168)      |
| 50340        | .7 (522)     | 11,000    | 76 dB(A)    | 32 (906)                      | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male | 4.6 (2.1)         | 8 (203)          | 6-5/8 (168)      |

**Tune-Up Kit:** 50303 – No. 96041; 50340 – No. 96047 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Depressed Center Wheel Grinders

## Air-Powered Grinders, 7" Diameter



1/2" AIR LINE  
PAGE 226

COUPLER/PLUG  
PAGE 228

*For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring*

**FOR TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS**  
7" (178 mm) Diameter  
**NOT INCLUDED**

**7" Diameter, Right Angle, 1.2 hp, Side Exhaust**

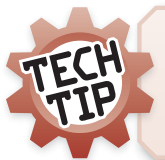
### Model 50350 6,000 RPM

- Accepts optional 7" diameter Type 27 Reinforced Depressed Center Wheel, with 7/8" center hole (wheel width of 1/8" to 1/4").
- Includes 11399 Type 27 Wheel Mounting Adapter Kit, with front and rear flange plus hex wrench.
- Optional 52190 Guard is available, for left hand operation.



Model 50350

Wheel Not Included



95462 Dynaswivel® air line connector is ideal for use with these tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



**7" Diameter, Right Angle, 2 hp, Side Exhaust**

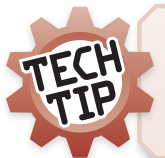
### Model 50348 6,000 RPM

- Accepts optional 7" diameter Type 27 Reinforced Depressed Center Wheel, with 7/8" center hole (wheel width of 1/8" to 1/4").
- Includes 11399 Type 27 Wheel Mounting Adapter Kit, with front and rear flange plus hex wrench.
- Powerful air motor is governor-controlled to maintain RPM under heavy load, and to insure smooth operation. Lubricated gears increase durability.
- Safety-lock throttle lever prevents accidental startup. Side handle enhances operator control. Rubber insulated grip reduces cold on operator's hand.
- Optional 52190 Guard is available, for left hand operation.



Model 50348

Wheel Not Included



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 50348        | 2.0 (1,491)  | 6,000     | 83 dB(A)    | 64 (1,812)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male | 8.6 (3.9)         | 13-3/4 (349)     | 5-1/4 (132)      |
| 50350        | 1.2 (893)    | 6,000     | 79 dB(A)    | 43 (1,218)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male | 6.8 (3.1)         | 11-3/4 (298)     | 4-5/8 (118)      |

**Tune-Up Kit:** 50348 – No. 96043; 50350 – No. 96042 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Depressed Center Wheel Grinders

## Air-Powered Vertical Grinders, 7" and 9" Diameter



1/2" AIR LINE  
PAGE 226

ACCESSORIES  
PAGE 222

*For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring*

**FOR TYPE 27 REINFORCED  
DEPRESSED CTR. WHEELS**  
7" (178 mm) Diameter  
*NOT INCLUDED*

- **Governor-controlled air motor** maintains tool RPM under heavy load.
- **Overspeed shut-off feature** ensures maximum operator safety.
- Motor is gearless with less wearable parts, ensuring reduced maintenance and less downtime.
- Insulated tool handle minimizes cold air transmission to the hand. Handle position is adjustable for operator comfort.
- All models include safety-lock throttle lever.
- For peak performance, use of optional 95870 Air Hose (1/2" diameter) is recommended (see page 226).



**Gearless**

### 2 hp (1,491 W) Models, 7" Dia.

- Each model accepts optional Type 27 reinforced Depressed Center Wheels, 7" (178 mm) diameter. (Wheel width of 1/8" to 1/4".) Covers more area in less time!



**Model 53232**  
**6,000 RPM**

**Model 53234**  
**7,200 RPM**

**Model 53235**  
**8,500 RPM**



Model 53232

*Wheel not included*



Model 53242

### 3 hp (2,237 W) Models, 7" Dia.

- Each model accepts optional Type 27 reinforced Depressed Center Wheels, 7" (178 mm) diameter. (Wheel width of 1/8" to 1/4".) Covers more area in less time!



**Gearless**

**Model 53242**  
**6,000 RPM**

**Model 53244**  
**7,200 RPM**

**Model 53245**  
**8,500 RPM**



Model 53242

*Wheel not included*

### 3 hp (2,237 W) Model, 9" Dia.

**Model 53249**  
**6,000 RPM**

- Accepts optional Type 27 reinforced Depressed Center Wheels, 9" (229 mm) diameter. Covers more area in less time!



**Gearless**



Model 53249

*Wheel not included*

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 53232        | 2 (1,491)    | 6,000     | 84 dB(A)    | 80 (2,265)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 9.2 (4.2)         | 9.5 (241)        | 6.5 (166)        |
| 53234        | 2 (1,491)    | 7,200     | 81 dB(A)    | 87 (2,464)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 9.2 (4.2)         | 9.5 (241)        | 6.5 (166)        |
| 53235        | 2 (1,491)    | 8,500     | 81 dB(A)    | 84 (2,379)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 9.2 (4.2)         | 9.5 (241)        | 6.5 (166)        |
| 53242        | 3 (2,237)    | 6,000     | 83 dB(A)    | 89 (2,520)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 9.8 (4.4)         | 9.5 (241)        | 7 (179)          |
| 53244        | 3 (2,237)    | 7,200     | 86 dB(A)    | 98 (2,775)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 9.8 (4.4)         | 9.5 (241)        | 7 (179)          |
| 53245        | 3 (2,237)    | 8,500     | 85 dB(A)    | 97 (2,747)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 9.8 (4.4)         | 9.5 (241)        | 7 (179)          |
| 53249        | 3 (2,237)    | 6,000     | 85 dB(A)    | 87 (2,464)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 11.4 (5.2)        | 9.5 (241)        | 7.2 (182)        |

**Tune-Up Kit:** 2 hp Models – No. 96552; 3 hp Models – No. 96553 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Type 1 Wheel Grinders

## Air-Powered Grinders, 3" and 4" Diameter



**COUPLER/PLUG**  
PAGE 228

**ACCESSORIES**  
PAGE 222

*Clean Metal, Grind and Smooth Weld Seams,  
Remove Imperfections Prior to Painting*

**FOR REINFORCED TYPE 1  
GRINDING WHEELS**  
3" and 4" Dia. (76 mm and 102 mm)  
SEE PAGE 281

### 3" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 3" diameter Type 1 Reinforced Wheel, with 3/8" center hole (maximum wheel width of 1/2").
- Governor-controlled motor maintains RPM under heavy load; rear exhaust.
- Safety-lock lever is included on all models.
- Standard cushioned grip enhances operator comfort and control.

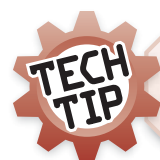
**Model 52376 12,000 RPM**

**Model 52377 15,000 RPM**

**Model 52378 18,000 RPM**



Model  
52376



Always use required wheel guard. Never remove a guard that is specified for a tool.

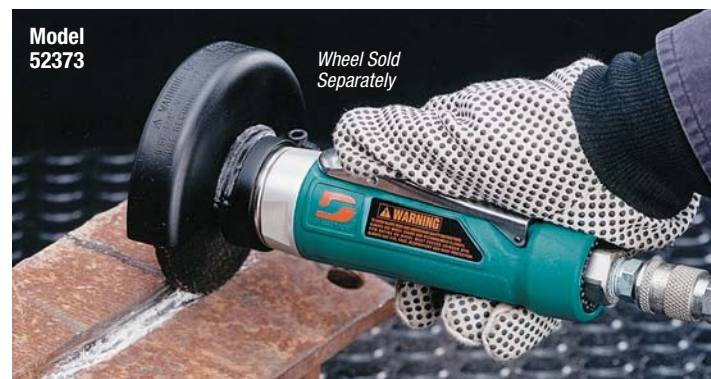
Wheel Sold Separately

### 4" Diameter, Straight Line, 1 hp

- Each model accepts optional 4" diameter Type 1 Reinforced Wheel, with 3/8" center hole (maximum wheel width of 1/4").
- Governor-controlled motor maintains RPM under heavy load; rear exhaust.
- Safety-lock lever is included on all models.

**Model 52373 12,000 RPM**

**Model 52374 15,000 RPM**



Model  
52373

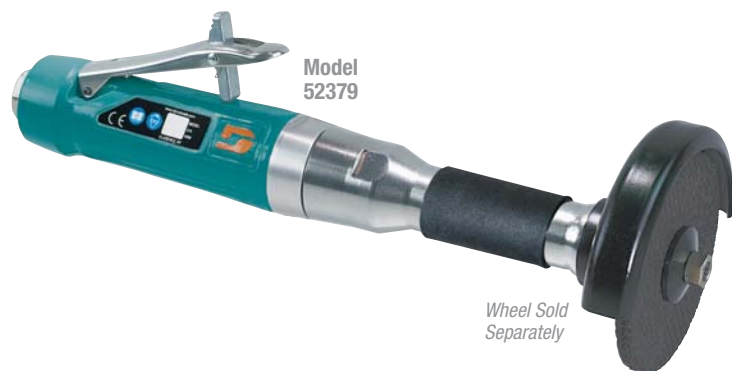
Wheel Sold Separately

### 4" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 4" diameter Type 1 Reinforced Wheel, with 3/8" center hole (maximum wheel width of 1/4").
- Governor-controlled motor maintains RPM under heavy load; rear exhaust.
- Safety-lock lever is included on all models.
- Standard cushioned grip enhances operator comfort and allows additional control.

**Model 52379 12,000 RPM**

**Model 52380 15,000 RPM**



Model  
52379

Wheel Sold Separately

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52373        | 1.0 (744)    | 12,000    | 81 dB(A)    | 38 (1,076)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 2.7 (1.2)         | 8-5/8 (218)      | 4-1/2 (113)      |
| 52374        | 1.0 (744)    | 15,000    | 77 dB(A)    | 39 (1,104)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 2.8 (1.3)         | 9-3/4 (248)      | 4-1/2 (113)      |
| 52376        | 1.0 (744)    | 12,000    | 81 dB(A)    | 38 (1,076)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 3.9 (1.8)         | 14-1/4 (362)     | 3-1/2 (89)       |
| 52377        | 1.0 (744)    | 15,000    | 77 dB(A)    | 39 (1,104)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 3.9 (1.8)         | 14-1/4 (362)     | 3-1/2 (89)       |
| 52378        | 1.0 (744)    | 18,000    | 78 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 3.9 (1.8)         | 14-1/4 (362)     | 3-1/2 (89)       |
| 52379        | 1.0 (744)    | 12,000    | 81 dB(A)    | 38 (1,076)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 3.9 (1.8)         | 14-1/4 (362)     | 4-1/2 (113)      |
| 52380        | 1.0 (744)    | 15,000    | 77 dB(A)    | 39 (1,104)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 3.9 (1.8)         | 14-1/4 (362)     | 4-1/2 (113)      |

**Tune-Up Kit: No. 96532** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Type 11 Cup Wheel Grinders

## Air-Powered Vertical Grinders, 6" Diameter



1/2" AIR LINE  
PAGE 226

ACCESSORIES  
PAGE 222

*For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring*

FOR TYPE 11 CUP WHEELS  
AND WIRE BRUSHES  
6" (152 mm) diameter  
**NOT INCLUDED**

- Each model accepts optional Type 11 Cup Wheels, 6" (152 mm) diameter. Covers more area in less time!
- **Governor-controlled air motor** maintains tool RPM under heavy load.
- **Overspeed shut-off feature** ensures maximum operator safety.
- Motor is gearless with less wearable parts, ensuring reduced maintenance and less downtime.
- Insulated tool handle minimizes cold air transmission to the hand. Handle position is adjustable for operator comfort.
- All models include safety-lock throttle lever.
- For peak performance, use of optional 95870 Air Hose (1/2" diameter) is recommended (see page 226).



Model  
53233



Model  
53233

*Model 53233 shown powering 6" dia. Type 11 Cup Wheel. Tool also accepts Wire Brushes.*

**Model 53233**  
**2 hp (1,491 W),**  
**6,000 RPM**

**Model 53243**  
**3 hp (2,237 W),**  
**6,000 RPM**

*Cup Wheel  
Not Included*



**Gearless**

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 53233        | 2 (1,491)    | 6,000     | 83 dB(A)    | 80 (2,265)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 10.5 (4.7)        | 9.5 (241)        | 7 (178)          |
| 53243        | 3 (2,237)    | 6,000     | 82 dB(A)    | 89 (2,520)                    | 1/2 (13)                 | 1/2" NPT         | 5/8"-11 Male   | 11.1 (5)          | 9.5 (241)        | 7.5 (190)        |

**Tune-Up Kit:** 53233 – No. 96552; 53243 – No. 96553 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Safety Procedures for Grinding Wheels

## Operator Should Comply with OSHA and ANSI B7.1 Safety Regulations

- **DO** check all wheels for cracks or other damage before mounting.
- **DO** check machine speed against the established maximum safe operating speed marked on wheel.
- **DO** use mounting blotters when supplied with wheels.
- **DO** be sure wheel hole, threaded or unthreaded, fits machine arbor properly and that flanges are clean, flat and of the proper type for the wheel you are mounting.
- **DO** always run wheel in a protected area at least one minute before grinding.
- **DO** use wheel guard furnished with machine.
- **DO** always wear protective safety glasses and additional eye and face protection if required.
- **DO** employ dust controls and/or protective measures appropriate to the material being ground.
- **DO NOT** use wheels which have been dropped or otherwise damaged.
- **DO NOT** use a grinding wheel that has rated speed less than the speed of the grinder
- **DO NOT** use excessive pressure when mounting wheel between flanges. Tighten nut only enough to hold wheel firmly.
- **DO NOT** use heavy side grinding pressure on any Type 1 straight wheel or thin Type 27 wheel.
- **DO NOT** handle machine carelessly. Stop wheel on work and use racks or hooks to support machine when not in use.
- **DO NOT** use relieved or recessed flanges with threaded hole cup wheels, cones or plugs.
- **DO NOT** mount more than one wheel on a single arbor.

*Permission for reprint of form 4968T granted by UAMA*

# Cone or Plug Wheel Grinders

## Air-Powered Grinders



**COLLET INSERTS**  
PAGE 51

**CARBIDE BURRS**  
PAGE 251

*Clean Metal, Grind and Smooth Weld Seams,  
Remove Imperfections Prior to Painting*

**FOR CONE OR PLUG WHEELS**  
1-1/2" (38 mm) diameter  
**NOT INCLUDED**

### **Straight Line, 1 hp, Rear Exhaust**

- Each model accepts optional Abrasive Cone or Plug Wheel, maximum 1-1/2" diameter, with 3/8"-24 threaded insert.
- Governor-controlled motor maintains RPM under heavy load.
- Safety-lock lever is included on all models.
- Industrial applications in fabrication plants, welding shops, foundries, steel mills and shipyards.

**Model 52715 12,000 RPM**

**Model 52716 15,000 RPM**

**Model 52717 18,000 RPM**

**Model 52718 20,000 RPM**



Plug Wheel  
Not Included

### **Straight Line, 1 hp, Rear Exhaust, 6" Extension**

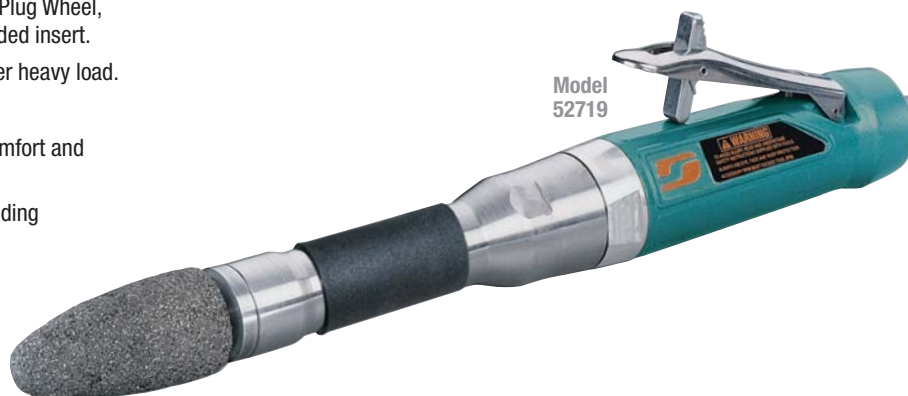
- Each model accepts optional Abrasive Cone or Plug Wheel, maximum 1-1/2" diameter, with 3/8"-24 threaded insert.
- Governor-controlled motor maintains RPM under heavy load.
- Safety-lock lever is included on all models.
- Standard cushioned grip enhances operator comfort and offers additional control.
- Industrial applications in fabrication plants, welding shops, foundries, steel mills and shipyards.

**Model 52719 12,000 RPM**

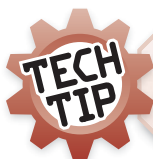
**Model 52720 15,000 RPM**

**Model 52721 18,000 RPM**

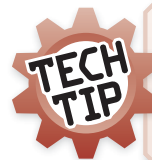
**Model 52722 20,000 RPM**



Plug Wheel  
Not Included



All models can be converted to 5/8"-11 thread with 53652 cone or plug adapter.



Optional 53621 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Overhose redirects exhaust away from operator and workpiece. Air line sold separately. (See page 247.)



**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52715        | 1.0 (744)    | 12,000    | 81 dB(A)    | 38 (1,076)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 2.0 (198)         | 7-3/4 (198)      | 1-7/8 (48)       |
| 52716        | 1.0 (744)    | 15,000    | 77 dB(A)    | 39 (1,104)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 2.0 (198)         | 8-7/8 (225)      | 1-7/8 (48)       |
| 52717        | 1.0 (744)    | 18,000    | 78 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 2.0 (198)         | 8-7/8 (225)      | 1-7/8 (48)       |
| 52718        | 1.0 (744)    | 20,000    | 78 dB(A)    | 44 (1,256)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 2.0 (198)         | 8-7/8 (225)      | 1-7/8 (48)       |
| 52719        | 1.0 (744)    | 12,000    | 81 dB(A)    | 38 (1,076)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 3.3 (1.5)         | 13-1/4 (335)     | 1-7/8 (48)       |
| 52720        | 1.0 (744)    | 15,000    | 77 dB(A)    | 39 (1,104)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 3.3 (1.5)         | 14-3/8 (365)     | 1-7/8 (48)       |
| 52721        | 1.0 (744)    | 18,000    | 78 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 3.3 (1.5)         | 14-3/8 (365)     | 1-7/8 (48)       |
| 52722        | 1.0 (744)    | 20,000    | 78 dB(A)    | 44 (1,256)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 3.3 (1.5)         | 14-3/8 (365)     | 1-7/8 (48)       |

**Tune-Up Kit: No. 96532** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Extension Cone or Plug Wheel Grinders

## Straight-Line, Rear Exhaust Models



**COLLET INSERTS**  
PAGE 51

**CARBIDE BURRS**  
PAGE 251

### Allows Efficient Work Within Long Pipes, Castings and More

**FOR CONE OR PLUG WHEELS**  
1-1/2" (38 mm) diameter  
**NOT INCLUDED**

- Each model accepts optional Abrasive Cone or Plug Wheel, maximum 1-1/2" diameter, with 3/8"-24 threaded insert.
- Extension Grinders allow operator to extend into work pieces and reach lengthy distances.
- Extension length allows longer reach than competitive models!
- Extensions are constructed of steel for maximum durability.
- Designed for minimal vibration. Extensions do not spin during tool use, so continuous tightening is not needed (as with some one-piece shaft-type extensions).
- Tools can also be fitted with optional collets and inserts.

#### Composite Housing Models 18,000 RPM

**Model 53531 18-3/8" Length**

**Model 53532 26-3/4" Length**

**Model 53533 35-1/8" Length**

#### Composite Housing Models 3,400 RPM

- Slower speed is ideal for buffing and polishing. Tools can be fitted with optional buffing pads.

**Model 53521 19-3/4" Length**

**Model 53522 28-1/8" Length**

**Model 53523 36-1/2" Length**

#### Steel Housing Model

**Model 53783 20,000 RPM**  
**12-3/4" Length**

- Steel housing offers increased durability.
- Rubber Grip Housing reduces vibration and cold air transmission.
- Ideal for use in foundries, welding operations and shipyards.



**Extend into hard-to-reach places by choosing the suitable extension for the job.**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 53521        | 1.0 (744)    | 3,400     | 79 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 3/8" NPT         | 1/2"-20 Male | 5.5 (2.5)         | 19-3/4 (502)     | 1-7/8 (48)       |
| 53522        | 1.0 (744)    | 3,400     | 79 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 3/8" NPT         | 1/2"-20 Male | 7.6 (3.5)         | 28-1/8 (714)     | 1-7/8 (48)       |
| 53523        | 1.0 (744)    | 3,400     | 79 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 3/8" NPT         | 1/2"-20 Male | 9.75 (4.4)        | 36-1/2 (927)     | 1-7/8 (48)       |
| 53531        | 1.0 (744)    | 18,000    | 75 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 4.8 (2.2)         | 18-3/8 (467)     | 1-7/8 (48)       |
| 53532        | 1.0 (744)    | 18,000    | 75 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 6.9 (3.1)         | 26-3/4 (679)     | 1-7/8 (48)       |
| 53533        | 1.0 (744)    | 18,000    | 75 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 8.9 (4.0)         | 35-1/8 (892)     | 1-7/8 (48)       |
| 53783        | 0.7 (522)    | 20,000    | 80 dB(A)    | 39 (1,104)                    | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 3.9 (1.7)         | 12.7 (322)       | 1.7 (45)         |

**Tune-Up Kit: No. 96532** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Cut-Off Wheel Tools

## Air-Powered Cutting Tools, 3" Diameter



**DYNASWIVEL®**  
PAGE 223

**COUPLER/PLUG**  
PAGE 228

*For Efficient Cutting of Sheet Metal, Frame Rails, Clamps, Bolts, etc.*

**FOR REINFORCED CUT-OFF WHEELS**  
3" (76 mm) diameter  
SEE PAGES 281, 293

### 3" Diameter, Straight Line, .5 hp, 20,000 RPM

- Each model accepts optional 3" diameter reinforced Type 41 Cut-Off Wheels with 3/8" center hole.
- Gearless motor design for reduced maintenance and downtime.
- Safety-lock lever is included.

**Model 52434** *Front Exhaust*

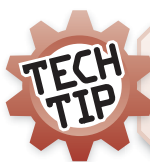
**Model 52435** *Rear Exhaust*



### 3" Diameter, 7° Offset, .5 hp, 20,000 RPM

**Model 52420** *Front Exhaust*

- Accepts optional 3" diameter reinforced Type 41 Cut-Off Wheels with 3/8" center hole.
- Gearless motor design for reduced maintenance and downtime.
- Safety-lock lever is included.



Always use required wheel guard. Never remove a guard that is specified for a tool.



### 3" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 3" diameter reinforced Type 41 Cut-Off Wheels with 3/8" center hole.
- Gearless motor design for reduced maintenance and downtime.
- Governor-controlled motor maintains RPM under heavy load.
- Safety-lock lever is included; rear exhaust.

**Model 52576** *15,000 RPM*

**Model 52577** *18,000 RPM*

**Model 52578** *20,000 RPM*



### 3" Diameter, Right Angle, .4 hp, Diamond Cut-Off Wheel

**Model 52439** *12,000 RPM*

- Accepts optional 3" diameter Diamond Cut-Off Wheels with 3/8" center hole (see page 293).
- Ideal for cutting thick fiberglass over-wrap and fiber spray.
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime. Tool includes 95848 Gear Oil and 95541 Gear Oil Gun.
- Safety-lock lever is included; rear exhaust.



**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52420        | 0.5 (373)    | 20,000    | 82 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.2 (1.0)         | 6 (152)          | 5-1/2 (140)      |
| 52434        | 0.5 (373)    | 20,000    | 81 dB(A)    | 27 (765)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.0 (0.9)         | 6-3/8 (162)      | 3-1/8 (79)       |
| 52435        | 0.5 (373)    | 20,000    | 77 dB(A)    | 27 (765)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2.3 (1.0)         | 8-1/2 (126)      | 3-1/8 (79)       |
| 52439        | 0.4 (306)    | 12,000    | 83 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 1.6 (0.7)         | 8-1/2 (126)      | 3-1/8 (79)       |
| 52576        | 1 (744)      | 15,000    | 77 dB(A)    | 39 (1,104)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 4.0 (1.8)         | 14-7/8 (379)     | 3-1/8 (79)       |
| 52577        | 1 (744)      | 18,000    | 78 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 4.0 (1.8)         | 14-7/8 (379)     | 3-1/8 (79)       |
| 52578        | 1 (744)      | 20,000    | 78 dB(A)    | 44 (1,256)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 4.0 (1.8)         | 14-7/8 (379)     | 3-1/8 (79)       |

**Tune-Up Kit:** 52434 – No. 98623; 52435 – No. 95600; 52420 – No. 96044; 52576 – No. 96039; 52577, 52578 – No. 96532; 52439 – No. 96179 (page 267)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

GRINDERS

# Cut-Off Wheel Tools

## Air-Powered Cutting Tools, 3" and 4" Diameter



**DYNASWIVEL®**  
PAGE 223

**COUPLER/PLUG**  
PAGE 228

*For Efficient Cutting of Sheet Metal, Frame Rails, Clamps, Bolts, etc.*

**FOR TYPE 41 REINFORCED  
CUT-OFF WHEELS**  
3" and 4" Dia. (76 mm and 102 mm)  
*SEE PAGE 281*

- Models accept optional 3" or 4" diameter Type 41 reinforced Cut-Off Wheels, with 3/8" center hole.
- "Dual-wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime.
- Adjustable wheel guard provides maximum operator protection.
- Safety-lock lever is included.



### Composite Housing Models

#### Right Angle, .7 hp, Rear Exhaust

- Models include aluminum right angle housing.

**Model 54730 3" Dia., 18,000 RPM**

**Model 54734 4" Dia., 13,500 RPM**

- Each model includes side handle for left or right-hand use.

**Model 54732 3" Dia., Extended, 18,000 RPM**

**Model 54736 4" Dia., Extended, 13,500 RPM**

- Extension design allows longer reach on work piece, and two-hand control for added comfort.



Model 54730

*Wheel Sold Separately*



Extended Model 54736

*Wheel Sold Separately*

### Steel Housing Models

#### Right Angle, .7 hp, Rear Exhaust

- Steel housings offer increased durability!
- Models include steel right angle housing.

**Model 54740 3" Dia., 18,000 RPM**

**Model 54744 4" Dia., 13,500 RPM**

- Each model includes side handle for left or right-hand use.

**Model 54742 3" Dia., Extended, 18,000 RPM**

**Model 54746 4" Dia., Extended, 13,500 RPM**

- Extension design allows longer reach on work piece, and two-hand control for added comfort.

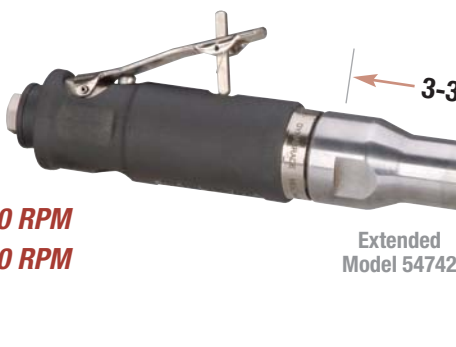


All models on page include 95848 Gear Oil and 95541 Gear Oil Gun. Simple lubrication extends gear life.



Model 54744

*Wheel Sold Separately*



Extended Model 54746

*Wheel Sold Separately*

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 54730        | 0.7 (522)    | 18,000    | 83 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3 (1.3)           | 8 (202)          | 3-1/8 (79)       |
| 54732        | 0.7 (522)    | 18,000    | 82 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3.5 (1.6)         | 11-3/8 (288)     | 3-1/8 (79)       |
| 54734        | 0.7 (522)    | 13,500    | 83 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3.2 (1.4)         | 8 (202)          | 3-1/16 (78)      |
| 54736        | 0.7 (522)    | 13,500    | 83 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3.7 (1.7)         | 11-3/8 (288)     | 3-1/16 (78)      |
| 54740        | 0.7 (522)    | 18,000    | 82 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3.8 (1.7)         | 8-1/16 (204)     | 3-1/8 (79)       |
| 54742        | 0.7 (522)    | 18,000    | 79 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 4.2 (1.9)         | 11-7/16 (290)    | 3-1/8 (79)       |
| 54744        | 0.7 (522)    | 13,500    | 81 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 4 (1.8)           | 8-1/16 (204)     | 3-1/16 (78)      |
| 54746        | 0.7 (522)    | 13,500    | 81 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 4.4 (2)           | 11-7/16 (290)    | 3-1/16 (78)      |

**Tune-Up Kit:** Composite – No. 96680; Steel – No. 98623 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Cut-Off Wheel Tools

## Air-Powered Cutting Tools, 4" Diameter



**DYNASWIVEL®**  
PAGE 223

**COUPLER/PLUG**  
PAGE 228

*For Efficient Cutting of Sheet Metal, Frame Rails, Clamps, Bolts, etc.*

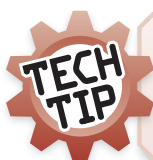
**FOR TYPE 41 REINFORCED  
CUT-OFF WHEELS**  
4" (102 mm) diameter  
SEE PAGE 281

### 4" Diameter, 7° Offset, .7 hp, Front Exhaust

- Each model accepts optional 4" diameter reinforced Type 41 Cut-Off Wheels with 3/8" center hole. (Wheel width of 1/32" - 1/8".)
- Gearless motor design for reduced maintenance and downtime.
- Tool handle is offset 7° for greater operator comfort.
- Safety-lock lever is included; rear exhaust.

**Model 52430**  
**15,000 RPM**

**Model 52431**  
**20,000 RPM**



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



Model 52430

Wheel Sold Separately



### 4" Diameter, Straight Line, 1 hp, Rear Exhaust

- Each model accepts optional 4" diameter reinforced Type 41 Cut-Off Wheels with 3/8" center hole. (Wheel width of 1/32" - 1/8".)
- Governor controlled motor to maintain RPM under heavy load.
- Safety-lock lever is included.

**Model 52573**  
**15,000 RPM**

**Model 52574**  
**18,000 RPM**



Model 52573

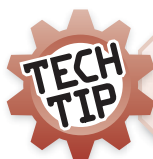
Wheel Sold Separately

### 4" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 4" diameter reinforced Type 41 Cut-Off Wheels with 3/8" center hole. (Wheel width of 1/32" - 1/8".)
- Governor controlled motor to maintain RPM under heavy load.
- Safety-lock lever is included; rear exhaust.

**Model 52579**  
**15,000 RPM**

**Model 52580**  
**18,000 RPM**



Always use required wheel guard. Never remove a guard that is specified for a tool.



Model 52580

Wheel Sold Separately

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52430        | 0.7 (522)    | 15,000    | 89 dB(A)    | 32 (906)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 2.7 (1.2)         | 7-3/8 (187)      | 4-3/4 (121)      |
| 52431        | 0.7 (522)    | 20,000    | 88 dB(A)    | 36 (1,020)                    | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 2.7 (1.2)         | 7-3/8 (187)      | 4-3/4 (121)      |
| 52573        | 1 (744)      | 15,000    | 77 dB(A)    | 39 (1,104)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 2.5 (1.1)         | 9-3/8 (238)      | 4-1/2 (113)      |
| 52574        | 1 (744)      | 18,000    | 78 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 2.5 (1.1)         | 9-3/8 (238)      | 4-1/2 (113)      |
| 52579        | 1 (744)      | 15,000    | 77 dB(A)    | 39 (1,104)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 4.1 (1.8)         | 14-7/8 (379)     | 4-1/2 (113)      |
| 52580        | 1 (744)      | 18,000    | 78 dB(A)    | 40 (1,133)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 4.1 (1.8)         | 14-7/8 (379)     | 4-1/2 (113)      |

**Tune-Up Kit:** .7 hp models – No. 96045; 1 hp models – No. 96532 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Vacuum Cut-Off Wheel Tools

## Air-Powered Cutting Tools, 3" Diameter



**DYNASWIVEL®**  
PAGE 223

**COUPLER/PLUG**  
PAGE 228

*For Efficient Cutting with Capture of Dust and Debris.  
Ideal for use on Fiberglass and Composites.*

**FOR DIAMOND  
CUT-OFF WHEELS**  
3" (76 mm) Diameter  
SEE PAGE 293

**3" Diameter, Right Angle, .4 hp, 12,000 RPM**

### Model 52538 *Rear Exhaust*

- Ideal for use with optional 3" diameter Diamond Cut-Off Wheels with 3/8" center hole.
- Adjustable wheel guard has vacuum port (1" outside diameter) that diverts airborne dust and debris to optional vacuum source.
- Non-marring composite base is removable to utilize maximum blade depth of 11/16". Optional 52646 composite base is available for gel coat notching.
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime. Tool includes 95848 Gear Oil and 95541 Gear Oil Gun.
- Safety-lock lever is included.



Model  
52538

Wheel Sold  
Separately

**3" Diameter, Extended Straight-Line, 1 hp, 18,000 RPM**

### Model 52537 *Rear Exhaust*

- For use with optional 3" diameter Diamond Cut-Off Wheels with 3/8" center hole.
- Vacuum shroud diverts airborne dust and debris, through 1" outside diameter port to optional external vacuum source.
- Vacuum shroud cover may also be used as a trim guide, for cutting as close as 5/32" (4 mm).
- Extension design is ideal for two-hand use, offering enhanced comfort and control.
- Blade guide allows exposure of 9/16" (14 mm) depth of Cut-Off Wheel.
- Cut-Off Wheel is changed quickly and easily, without removal of shroud cover plate.
- Safety-lock throttle lever is included.



Model  
52537

GRINDERS

**The *ONLY* Extension  
Vacuum Cut-Off Wheel  
Tool on the Market!**



Model  
52537



*Vacuum shroud cover may be  
used as a trim guide, for cutting  
as close as 5/32" (4 mm).*

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount saw blades or non-reinforced grinding wheels.  
Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52538        | 0.4 (298)    | 12,000    | 83 dB(A)    | 21 (595)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 2 (.97)           | 8-5/8 (219)      | 4-3/8 (111)      |
| 52537        | 1.0 (746)    | 18,000    | 79 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 3.75 (1.7)        | 14-5/8 (371)     | 4-1/2 (114)      |

**Tune-Up Kit:** 52538 – No. 96179; 52537 – No. 96532 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Vacuum Cut-Off Wheel Tool

## Air-Powered Cutting Tool, 3" Diameter



DYNAJET  
PAGE 224

COUPLER/PLUG  
PAGE 228

*Unique Shroud and Flange Design Adds Versatility!  
Ideal for use on Fiberglass and Composites.*

FOR DIAMOND  
CUT-OFF WHEELS  
3" (76 mm) Diameter  
SEE PAGE 293

**3" Diameter, Straight-Line, .7 hp, 20,000 RPM**

### Model 52418 Rear Exhaust

- Accepts optional 3" (76 mm) diameter Diamond Cut-Off Wheels with 3/8" diameter mandrel.
- Unique cutaway shroud design allows 1" (25 mm) wheel depth exposure.
- Vacuum shroud diverts dust and debris through 1" outside diameter port, to optional vacuum source.
- Non-marring plastic flange protects work surface while cutting.
- Adjustable cutting height, from flush to 5/8" (16 mm) above work surface, is achieved by inserting wheel mandrel deeper into collet.
- Operating tool in horizontal position allows flush-cut trimming of edges.
- An essential tool for boat builders, pool, spa and shower manufacturers, and composite industries.
- Safety-lock lever is included.



Place this edge against workpiece for consistent cut!

Includes 94300 Composite  
Dynaswivel® Air Line Connector

Extended rear exhaust  
muffler for reduced  
sound levels

Safety-lock lever  
is included

Ideal for both vertical and  
horizontal operation

1" Dia. Vacuum Port

Unique cutaway shroud allows 1"  
(25 mm) wheel depth exposure

3/8" Collet Size

Non-marring plastic flange  
protects work surface



**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount saw blades or non-reinforced grinding wheels.  
Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Collet Size | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------|-------------------|------------------|------------------|
| 52418        | 0.7 (522)    | 20,000    | 79 dB(A)    | 37 (1,048)                    | 3/8 (10)                 | 1/4" NPT         | 3/8"        | 3 (1.3)           | 10-15/16 (265)   | 5-1/4 (133)      |

**Tune-Up Kit: No. 96529** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Vacuum Cut-Off Wheel Tools

## Air-Powered Cutting Tools, 4-1/2"-5" Diameter



**DYNAJET**  
PAGE 224

**COUPLER/PLUG**  
PAGE 228

*For Efficient Cutting with Capture of Dust and Debris.  
Ideal for use on Fiberglass and Composites.*

**FOR DIAMOND  
CUT-OFF WHEELS**  
4-1/2"-5" Dia. (114 mm-127 mm)  
SEE PAGE 293

**4-1/2" Diameter, 7° Offset, .7 hp, 20,000 RPM**

### Model 52436 *Rear Exhaust*

- For use with optional 94912 Diamond Cut-Off Wheel, 4-1/2" (114 mm) diameter with 3/8" center hole, slotted for cooler running and longer life.
- Adjustable wheel guard has vacuum port, 1" (25 mm) outside diameter, that diverts airborne dust and debris to optional vacuum source.
- Blade depth exposure of 1-3/16" (30 mm).
- Tool includes cushioned, soft-grip side handle.
- Handle is offset 7° for greater operator comfort and control.
- Safety-lock lever is included.



Model 52436

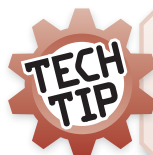
*Wheel Sold Separately*



Model 52436



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



GRINDERS

**5" Diameter, Right Angle, 1 hp, 12,000 RPM**

### Model 52438 *Rear Exhaust*

- For use with optional 5" (127 mm) diameter Diamond Cut-Off Wheel with 3/4" center hole.
- Adjustable wheel guard has vacuum port, 1-1/4" (32 mm) outside diameter, that diverts airborne dust and debris to optional vacuum source.
- Powerful, high-quality air motor is effective for cutting through thick fiberglass over-wrap and fiber spray.
- Blade guide allows controlled cutting depth. Operator may expose up to 1-1/8" (28 mm) depth of Cut-Off Wheel if required.
- Safety-lock lever is included.



Model 52438

*Wheel Sold Separately*

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount saw blades or non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52436        | 0.7 (522)    | 20,000    | 90 dB(A)    | 32 (906)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 3.1 (1.4)         | 10-5/8 (270)     | 5-1/4 (133)      |
| 52438        | 1.0 (746)    | 12,000    | 80 dB(A)    | 40 (1,138)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24 Male | 6.7 (3.0)         | 14-5/8 (371)     | 4-1/2 (114)      |

**Tune-Up Kit:** 52436 – No. 96045; 52438 – No. 96532 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Vacuum Cut-Off Wheel Tool

## Air-Powered Cutting Tool, 5" Diameter



**DYNASWIVEL®**  
PAGE 223

**COUPLER/PLUG**  
PAGE 228

*For Efficient Cutting with Capture of Dust and Debris.  
Ideal for use on Fiberglass and Composites.*

**5" Diameter, 1.3 hp, 12,000 RPM**

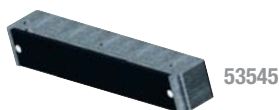
### Model 52615

- Ideal for use with optional 5" diameter Diamond Cut-Off Wheels with 3/4" diameter center hole (see page 293).
- Adjustable wheel guard has vacuum port (1-1/4" outside diameter) that diverts airborne dust and debris to optional vacuum source.
- Non-marring composite base is removable to utilize maximum blade depth of 1-3/16" (30 mm). Optional 53544 composite base is available for scoring.
- "Wick Lube" System extends gear life with simple lubrication. Tool includes 95848 Gear Oil and 95541 Gear Oil Gun.
- Exhaust system rotates 360° to ensure exhaust is always directed away from operator.
- Safety-lock lever is included.

### Optional Scoring Assembly

#### Part No. 53545

- Skid allows 1/8" deep score. Includes three screws for attaching.



**Includes  
95848 Gear Oil  
and 95541  
Gear Oil Gun**

*Wheel Sold Separately*

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount saw blades or non-reinforced grinding wheels. Always wear eye, face & body protection.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 52615        | 1.3 (969)    | 12,000    | 84 db(A)    | 42 (1,189)                    | 3/8 (10)                 | 3/8" NPT         | 3/8"-24        | 7.3 (3.3)         | 15.2 (385)       | 8.4 (213)        |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Guide to Dynabrade Vacuum Tools

GRINDERS

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**Dynabrade.com**



# Dynabrade Systems & Solutions

For Grinders and Cut-Off Wheel Tools – Suggested Tool/Accessory Combinations



| TOOL  | ABRASIVE  | ACCESSORIES   |  |
|---|---|---|--|
| <b>Depressed Center Wheel Grinder</b><br><b>Model 52632</b><br><i>Right Angle, 12,000 RPM, 1.3 hp</i> Page 98  | <b>4-1/2" Dia. Type 27 Reinforced Depressed Center Wheel</b><br> Page 281    | <b>Backup Flange</b><br><b>53697, 53630</b><br>Page 98        | <b>Lightweight Air Line</b><br><b>10 mm I.D.</b><br>Page 225  |
| <b>Depressed Center Wheel Grinder</b><br><b>Model 53245</b><br><i>Vertical, 8,500 RPM, 3 hp</i> Page 102       | <b>7" Dia. Type 27 Reinforced Depressed Center Wheel</b><br> Not Included    | <b>Side Handle</b><br><b>52169</b><br>Page 253                | <b>Flexible Air Line</b><br><b>1/2" I.D.</b><br>Page 226      |
| <b>Cut-Off Wheel Tool</b><br><b>Model 52439</b><br><i>Right Angle, 12,000 RPM, .4 hp</i> Page 107              | <b>3" Dia. Diamond Cut-Off Wheel</b><br><b>Gulleted/Slotted</b><br>Page 293  | <b>Gear Oil &amp; Gun</b><br><b>95848, 95541</b><br>Page 254  | <b>Motor Tune-Up Kit</b><br><b>96047</b><br>Page 267          |
| <b>Cut-Off Wheel Tool</b><br><b>Model 52573</b><br><i>Straight-Line, 15,000 RPM, 1 hp</i> Page 109           | <b>4" Dia. Reinforced Cut-Off Wheel</b><br> Page 281                       | <b>3/8" Dynaswivel®</b><br><b>95461</b><br>Page 223         | <b>Overhose Assembly</b><br><b>53621</b><br>Page 247        |
| <b>Cone/Plug Wheel Grinder</b><br><b>Model 52721</b><br><i>Straight-Line, 18,000 RPM, 1 hp</i> Page 105      | <b>Abrasive Plug Wheel</b><br>Not included                                 | <b>Motor Tune-Up Kit</b><br><b>96532</b><br>Page 267        | <b>DynaJet Blow Gun</b><br><b>94467</b><br>Page 224         |

GRINDERS

## ESSENTIAL ACCESSORIES

|  |   |  |   |   |
|--|---|--|---|---|
| <b>Metal Capture Downdraft Station</b><br><b>64350</b> Page 208  | <b>Air Lube (10W/NR)</b><br><b>95842</b> Page 254  | <b>Dynüba 100</b><br><b>60005</b> Page 254  | <b>Dynaswivel®</b><br><b>94300</b> Page 223                     | <b>Filter-Regulator-Lubricator</b><br><b>10681</b> Page 224        |
|  |   | <b>Dynüba 26</b><br><b>60020</b> Page 254   | <b>Coupler/Plug Assemblies</b><br><b>95676, 97572</b> Page 228  | <b>Air Hose Assemblies</b><br><b>94863, 94852, 94892</b> Page 225  |





# ***BUFFING TOOLS***

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# "Two-Step" System Tools

## Utilizing Mini-Orbital Sander and Dynabuffer



SANDING PADS  
PAGE 241

BUFFING PADS  
PAGE 239

*Proven Method for Repairing Minor Surface Defects in Clearcoat*

FOR ABRASIVE DISCS  
OR POLISHING BUFFS  
SOLD SEPARATELY

### STEP ONE TOOLS

*Choose One of These Models:*

#### **Model 58037 12,000 RPM** **Right Angle Denibber**

- See page 180 for full details.  
(All models on 180 may be used.)

#### **Model 57502 7,500 RPM** **Palm-Style Mini-Dynorbital® Sander**

- See page 160 for full details.  
Model 57503 (5,000 RPM) may also be used.

#### **Model 69502 7,500 RPM** **Palm-Style Mini-Dynorbital®** **Silver Supreme Sander**

- See page 160 for full details.  
Model 57503 (5,000 RPM) may also be used.



Model 58037  
(12,000 RPM)



Model 57502  
(7,500 RPM)



Model 69502  
(7,500 RPM)

### STEP TWO TOOLS

*Choose One of These Models:*

#### **Model 57126 Dynabuffer** **3" Diameter, Rear Exhaust**

- See page 118 for full details.

#### **Model 55126 Dynabuffer** **3" Diameter, Front Exhaust**

- See page 118 for full details.

#### **Model 58455 Dynabuffer** **5" Diameter, Rear Exhaust**

- See page 118 for full details.



Model  
57126



Model  
55126



Model  
58455

*See Next Page for  
"Two-Step" System  
Instructions!*



# “Two-Step” System

## Utilizing Mini-Orbital Sander and Dynabuffer



SANDING PADS  
PAGE 241

BUFFING PADS  
PAGE 239

*Proven Method for Repairing Minor Surface Defects in Clearcoat*

FOR ABRASIVE DISCS  
OR POLISHING BUFFS  
SOLD SEPARATELY

### STEP ONE: SANDING

*Choose One of These Models:*

- **Model 58037** *Right Angle Denibber*
- **Model 57502** *Palm-Style Mini-Dynorbital® Sander*
- **Model 69502** *Palm-Style Mini-Dynorbital® Silver Supreme Sander*

- Attach abrasive disc to sanding pad, then apply water to abrasive disc.
- Place sanding pad on surface defect, positioning pad slightly off-center. Apply light pressure.
- Throttle tool ON, and sand in random motion for about two seconds.
- Keep sanding pad FLAT on surface while sanding, allowing tool and abrasive to do the work. Try to keep sanded area as small as possible.
- With tool still running, move tool OFF work surface and then stop it.
- Wipe surface dry with clean, soft cloth.



Model  
58037



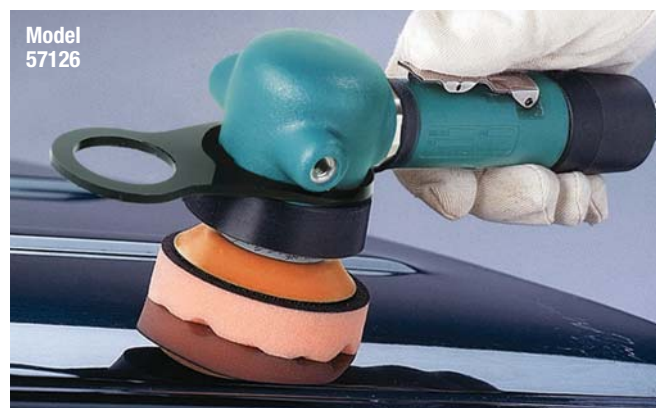
Model  
69502

### STEP TWO: BUFFING

*Choose One of These Models:*

- **Model 57126** *Dynabuffer*
- **Model 55126** *Dynabuffer*
- **Model 58455** *Dynabuffer*

- Apply small amount of polishing compound to optional buffing pad attached to Dynabuffer. Spread compound evenly to precondition pad.
- Apply small drop of polishing compound to work surface. Use pad to spread compound evenly over sanded area of surface.
- Place pad on sanded area and apply pressure (approximately 3 lbs./1.4 kg of pressure).
- Throttle tool ON, and adjust pressure to minimize vibration (finding the “sweet spot”).
- Move pad in random motion, keeping pad flat or tipped slightly forward.
- Throttle tool OFF with pad still on surface (“start ON and stop ON”).
- Wipe surface dry with clean, soft cloth.
- If imperfections are still visible, repeat Two-Step System.



Model  
57126



Model  
55126

BUFFING TOOLS

See a VIDEO Demo at [Dynabrade.com](http://Dynabrade.com)





# Dynabuffer

## Air-Powered Buffing Tool, 3" and 5" Diameter



**BACKUP PADS**  
PAGE 231

**ACCESSORIES**  
PAGE 222

*Ideal for use in Dynabrade "Two-Step" System (see page 117)*

**FOR POLISHING BUFFS**  
3" (76 mm) and  
5" (127 mm) diameters  
**SEE PAGE 239**

### Model 57126 3" Diameter, Rear Exhaust

- Dynabuffer moves backup pad and optional polishing buff in 14 mm diameter offset orbit.
- Runs at 10,000 RPM free speed; 7,000 RPM under load.
- Patented balancer compensates for vibration when running under load, resulting in a smooth operating performance. (Patent 6,206,771). Applies to all models on page.
- Optimum air pressure for this model is 80 PSIG.
- Includes 56142 Hook-Face backup pad.
- Safety-lock throttle lever is optional.



**WATCH the  
Dynabuffer  
at Work!**



Model  
57126

Polishing Buff  
Sold Separately

### Model 55126 3" Diameter, Front Exhaust

- Offers increased horsepower and speed, to reduce buffing time by up to 40%.
- Runs at 12,000 RPM free speed; 7,500 RPM under load.
- Front exhaust (patent pending) helps to cool foam buffing pad (optional), increasing life of pad.
- Rubber grip adds comfort and helps protect operator from cold air transfer.
- Safety-lock throttle lever included.
- Optimum air pressure for this model is 80 PSIG.
- Includes 56142 Hook-Face backup pad.



Model  
55126

Polishing Buff  
Sold Separately

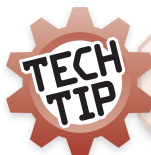
**NEW!**

### Model 58455 5" Diameter, Rear Exhaust

- Large diameter allows buffing of wider area in less time.
- Runs at 10,000 RPM free speed; 5,500 RPM under load.
- Shown with optional 56195 Hook-Face Random Orbital Sanding Pad, and optional polishing pad.
- Optimum air pressure for this model is 90 PSIG.
- Safety-lock throttle lever included.



For most efficient polishing, place approximately 10 lbs. of pressure on pad while Dynabuffer is in use.

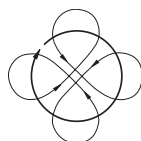


To prevent "slinging" of the polishing compound, keep Dynabuffer ON the work surface as you stop the tool.



Model  
58455

Backup Pad and Polishing  
Buff Sold Separately



**14 mm Dia. Random  
Orbital Motion**  
(All models on page)

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Pressure PSIG (Bar) | Tool Thread     | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|-------------------------|-----------------|-------------------|------------------|------------------|
| 55126        | .5 (373)     | 7,500     | 79 dB(A)    | 37 (1,048)                    | 1/4 (8)                  | 90 (6.2)                | 5/16"-24 Female | 2.7 (1.2)         | 9-1/2 (241)      | 4-1/8 (105)      |
| 57126        | .16 (119)    | 7,000     | 74 dB(A)    | 20 (566)                      | 3/8 (10)                 | 80 (5.5)                | 5/16"-24 Female | 2.0 (0.9)         | 8-1/4 (210)      | 3-1/8 (80)       |
| 58455        | .21 (157)    | 5,500     | 82 dB(A)    | 16 (453)                      | 1/4 (8)                  | 90 (6.2)                | 5/16"-24 Female | 2.7 (1.2)         | 11 (277)         | 4-15/16 (125)    |

**Tune-Up Kit:** 55126 – No. 96542; 57126 – No. 96537; 58455 – No. 98220 (page 267) • Additional Specifications: Air Inlet Thread 1/4" NPT

# 3" Diameter Buffers

## .4 hp, Air-Powered Buffing Tools



**SIDE HANDLE**  
PAGE 253

**BACKUP PADS**  
PAGE 240

*For Quick and Easy Spot Repair on a Variety of Surfaces*

### 3" Diameter, 7° Offset, Rear Exhaust

- 7° offset ergonomic design for control and comfort.
- High torque planetary-gear air motor; muffler reduces sound level.
- Standard rotary action.

**Model 51400** **3,200 RPM**

**Model 51402** **3,600 RPM**

**Model 51401** **5,000 RPM**

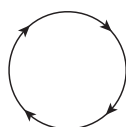
- All models include 50126 Hook-Face Pad, 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.
- 3/8"-24 Male Thread.



*Model 51400 achieves high gloss finish when used with 95723 Dynabrade Finesse Sanding Creme and 95727 Dynabrade Glaze (each sold separately).*

### 51405 Versatility Kit

- Includes: 51400 air tool; 3" hook-face backing pad, terry cloth bonnet, wool bonnet and foam "flat face" pad; Dynabrade Finesse Sanding Creme; Dynabrade Glaze and 14 mm open end wrench (not shown).



**Rotary Motion**  
(All models on page)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 51400        | .4 (298)     | 3,200     | 77 dB(A)    | 24 (680)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.7 (.8)          | 8-3/4 (222)      | 4-1/4 (108)      |
| 51401        | .4 (298)     | 5,000     | 75 dB(A)    | 24 (680)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.7 (.8)          | 8-3/4 (222)      | 4-1/4 (108)      |
| 51402        | .4 (298)     | 3,600     | 76 dB(A)    | 24 (680)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male | 1.7 (.8)          | 8-3/4 (222)      | 4-1/4 (108)      |

**Tune-Up Kit: No. 96174** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 3" Diameter, .4 hp, Right Angle, Rear Exhaust

**Model 53460** **3,200 RPM**

- Features high torque, variable speed air motor. Lubricated gears; rotary action.
- Tool comes with 50122 Hook-Face backup pad, 3" diameter.
- Includes 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.

### 53465 Sander/Buffer Versatility Kit

- All that is needed for quick, simple spot repair on a variety of surfaces.
- Includes: Model 53417 Air Tool (3,200 RPM) with 54028 Random Orbital Sanding Head; 54021 Adapter (1/4"-28 to 1/4"-20 male); 54017 Vinyl Sanding Pad (3/4" dia.) 54018 Vinyl Sanding Pad (1-1/4" dia.); 50120 Hook-Face Pad (3" dia.); 90027 Terry Cloth Bonnet (3" dia.); 90028 Wool Buffing Pad (3" dia.); 95727 Dynabrade Glaze; 95723 Finesse Sanding Creme; 95848 Gear Oil; 95542 Grease; two 95541 Grease Guns; 95262 Wrench (14 mm); 95281 Wrench (19 mm); and sample abrasives.
- Refer to the Random Orbital Sander section (page 163) for 53417 Right Angle Mini-Dynorbital® specifications.



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 53460        | .4 (298)     | 3,200     | 78 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 1.9 (.9)          | 7 (178)          | 2-3/4 (70)       |

**Tune-Up Kit: No. 96174** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 3" Diameter Buffers

## .4 hp, Air-Powered Buffering Tools



**DYNAJET**  
PAGE 224

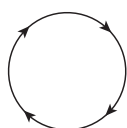
**BACKUP PADS**  
PAGE 240

### For Repair of Sanding Scratches on Clearcoat

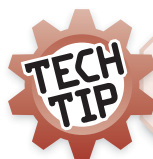
FOR TERRY CLOTH,  
WOOL, FOAM BUFFS  
3" (76 mm) diameter  
SEE PAGE 239

#### Model 49440 3" Diameter, 3,200 RPM

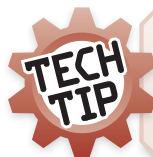
- Tool comes mounted with 54021 Adapter (1/4"-20 male thread).
- Governor-controlled motor maintains speed under load.
- Includes 50120 Hook-Face Pad (3" diameter), which mounts directly to 54021 Adapter.
- Also includes 90027 Terry Cloth Bonnet and 90028 Wool Buffering Bonnet.
- Extended rear exhaust muffler, safety-lock lever, rotary action.



Rotary Motion



Tool has 1/4"-28 female thread with 54021 Adapter removed.



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)

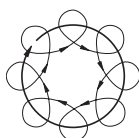


Model 49440 achieves high gloss finish when used with Dynabrade Finesse Sanding Creme and Dynabrade Glaze (each sold separately).

#### Model 49403 Versatility Kit

- Repair dust nibs and scratches on clearcoat.
- Includes: 3,200 RPM air tool, 54028 Random Orbital Sanding Head, two sanding pads, 50120 Hook 'n Loop Pad for bonnets, 54021 Adapter, wool and terry cloth bonnets, 95723 Finesse Sanding Creme, 95727 Dynabrade Glaze, assorted wrenches and sample abrasives.

Note: Optional 54585 Side Handle Assembly available.



3/16" (5 mm) Dia. Orbit  
(with 54028 Head Attached)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread    | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 49440        | .4 (298)     | 3,200     | 79 dB(A)    | 26 (736)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-28 Female | 1.9 (.9)          | 13 (331)         | 2.6 (67)         |

Tune-Up Kit: No. 96541 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

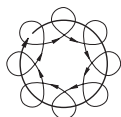


# 3" Diameter Sander/Buffer, Buffer

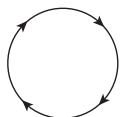
.2 hp, Air-Powered Buffing Tools

*For Repair of Sanding Scratches on Clearcoat*

FOR TERRY CLOTH,  
WOOL, FOAM BUFFS  
3" (76 mm) diameter  
SEE PAGE 239



**3/16"**  
(5 mm)  
Dia. Orbit



**Rotary**  
Motion

## 3" (76 mm) Sander/Buffer

**Model 69540 12,000 RPM**

- Dual-purpose tool offers random orbital sanding and rotary buffing.
- Repairs dust nibs and blemishes on paints and clear coats.
- Also used to repair hazy/cloudy headlights, and other clear/colored acrylic surfaces.
- 3" (76 mm) diameter allows use on contoured surfaces and tight areas.
- In rotary mode, offers all the benefits of model 69550 below.



Model  
69540

*Switch allows  
easy change  
of action!*

## 3" (76 mm) Rotary Buffer

**Model 69550 12,000 RPM**

- Accepts 3" (76 mm) wool and foam buff pads.
- Runs at 12,000 RPM free-speed, then slows to under 4,000 RPM in use.
- Ideal for buffing door/window columns and posts, plus recessed areas and contoured surfaces.
- Lightweight, palm-style design offers great comfort and control.
- Adjustable speed regulator included.



Model  
69550

| Model Number | Motor hp (W) | Motor RPM | Sound Level (Sanding) | Sound Level (Buffing) | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-----------------------|-----------------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 69540        | .2 (149)     | 12,000    | 71 dB(A)              | 74 dB(A)              | 12 (334)                      | 1/4 (6)                  | 1/4" NPT         | 1.5 (.67)         | 6.1 (154)        | 3.7 (94)         |
| 69550        | .2 (149)     | 12,000    | N/A                   | 74 dB(A)              | 12 (334)                      | 1/4 (6)                  | 1/4" NPT         | 1.5 (.67)         | 6.1 (154)        | 2.6 (70)         |

**Tune-Up Kit: No. 96221** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Cut & Polish Rotary/Random Orbital Head

**Offers Both ROTARY and RANDOM ORBITAL Action**

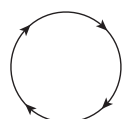
## For Buffers up to 3,200 RPM

- Run pad in rotary (cut) mode for initial buffing and removing dust nibs, light scratches, oxidation and "orange peel." Then switch to random orbital (polish) mode for buffing to a swirl-free finish with no "haze" or "halo" effects!
- Offered in three female thread sizes, to fit buffers up to 3,200 RPM.
- Includes 50855 Hook-Face Backing Pad to accept wool, foam and terry cloth bonnets, in diameters of 7" (178 mm) and 8" (203 mm).
- Also includes 90082 Natural Sheepskin Polishing Bonnet, 8" (203 mm) diameter, and assorted wrenches.

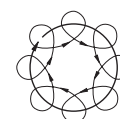
**Model 61384 5/8"-11 Female Thread**

**Model 61385 M14x2 Female Thread**

**Model 61383 M16x2 Female Thread**



**Cut**  
with Rotary  
Motion



**Polish**  
with 3/4" Offset  
Random Motion



# 3" Diameter Buffers

.25 hp, Air-Powered Buffing Tools



**BALL SWIVEL PLUG**  
PAGE 223

**BACKUP PADS**  
PAGE 240

*For Repair of Sanding Scratches on Clearcoat*

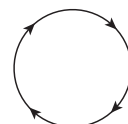
**FOR TERRY CLOTH,  
WOOL, FOAM BUFFS**  
3" (76 mm) diameter  
SEE PAGE 239

## Model 57550 3" Diameter, 2,400 RPM

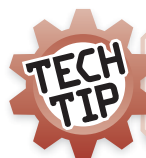
- Excellent for buffing and polishing fiberglass, plastics and other materials.
- Ideal for buffing door/window columns and posts, plus recessed areas and contoured surfaces.
- Includes 50125 rigid 3" backing pad, 90027 Terry Cloth Pad and 90028 Wool Pad.
- Low profile housing; rear exhaust; lever throttle.
- Shown at right with optional 94300 Dynaswivel® and optional 94990 Coupler/Plug Assembly (see page 228).



57550 Palm-Style Buffer utilized on a solid surface sink bowl.



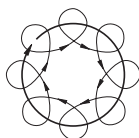
**Rotary Motion**



Use Dynabrade Finesse Sanding Creme and Dynabrade Glaze to achieve a superior high gloss finish after compounding.

## Model 57553 Versatility Kit

- Efficiently repair dust nibs and scratches on clearcoat.
- Quick, simple spot repair on painted surfaces.
- Mini Random Orbital Sander; 3" Buffer; 3-1/2" Disc Sander.
- Includes: 2,400 RPM basic tool; 54476 Mini-Orbital Head; 3" backing pad; 1-1/4" and 3-1/2" dia. vinyl-face pads; 3" dia. terry cloth bonnet, wool bonnet and foam "flat face" pad; 95723 Dynabrade Finesse Sanding Creme; 95727 Dynabrade Glaze, sample discs and sample abrasive pack. (14 mm and 19 mm wrenches also included; not shown.)



**3/16" (5 mm) Dia. Orbit**  
(with 54776 Head Attached)



Roloc is a registered trademark of 3M Company

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 57550        | .25 (186)    | 2,400     | 79 dB(A)    | 18 (510)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-20 Male | 1.9 (.9)          | 5-3/8 (137)      | 4-1/4 (108)      |

**Tune-Up Kit: No. 96107** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Straight-Line Buffers

.4 hp & .7 hp, for Buff Wheels up to 4" Diameter



**DYNASWIVEL®**  
PAGE 223

**COUPLER/PLUGS**  
PAGE 228

*Excellent for Buffing and Polishing Fiberglass, Plastics and Other Materials*

**VARIOUS BUFFING AND POLISHING ACCESSORIES  
SOLD SEPARATELY**

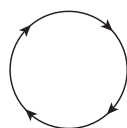
## .4 hp, Rear Exhaust

- .4 hp Die Grinder shown with optional 95749 Mandrel (1/2") and optional 90024 Cotton Buff Wheels (4" dia. x 1/2" wide).
- Governor-control maintains consistent motor speed under load and delivers optimal power.
- Extended muffler design ensures lowest sound level. Includes safety-lock lever.



Model  
47201

Mandrel and Wheels  
Sold Separately



**Rotary Motion**  
(All models on page)

### Model 47200

**950 RPM, 1/4" & 6 mm Collets**

### Model 47201

**3,200 RPM, 1/4" & 6 mm Collets**

### Model 47202

**5,500 RPM, 1/4" & 6 mm Collets**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Collet Insert | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|---------------|-------------------------|-------------------|------------------|------------------|
| 47200        | .4 (298)     | 950       | 79 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | 1.9 (.9)          | 11 (280)         | 1.7 (44)         |
| 47201        | .4 (298)     | 3,200     | 75 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | 1.4 (.6)          | 9.8 (250)        | 1.7 (44)         |
| 47202        | .4 (298)     | 5,000     | 78 dB(A)    | 23 (651)                      | 1/4" / 6 mm   | 90 (6.2)                | 1.4 (.6)          | 9.8 (250)        | 1.7 (44)         |

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Hose I.D. Size 1/4" (6 mm) • Air Inlet Thread 1/4" NPT

## .7 hp, Rear Exhaust

- .7 hp Die Grinder shown with optional 95749 Mandrel (1/2") and optional 90024 Cotton Buff Wheels (4" dia. x 1/2" wide).
- Planetary gear allows tool to run at proper speed under load to achieve desired finish.
- Extended muffler design ensures lowest sound level. Includes safety-lock lever.



Model  
52101

Mandrel and Wheels  
Sold Separately

### Model 52100

**950 RPM, 1/4" & 6 mm Collets**

### Model 52101

**3,400 RPM, 1/4" & 6 mm Collets**

### Model 52102

**4,500 RPM, 1/4" & 6 mm Collets**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 52100        | .7 (522)     | 950       | 81 dB(A)    | 34 (957)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male | 3.6 (1.6)         | 12-1/2 (318)     | 1-7/8 (48)       |
| 52101        | .7 (522)     | 3,400     | 79 dB(A)    | 35 (977)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male | 2.7 (1.2)         | 9-1/2 (241)      | 1-7/8 (48)       |
| 52102        | .7 (522)     | 4,500     | 79 dB(A)    | 35 (977)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male | 2.7 (1.2)         | 9-1/2 (241)      | 1-7/8 (48)       |

**Tune-Up Kit: No. 96260** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 5" - 8" Diameter Buffers

## .4 hp and .7 hp Air-Powered Buffing Tools



**DYNAJET**  
PAGE 224

**COUPLER/PLUGS**  
PAGE 228

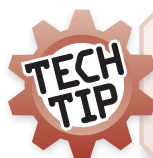
*Excellent for Buffing and Polishing Fiberglass, Plastics and Other Materials*

**POLISHING ACCESSORIES**  
5", 6" and 8" diameter  
(127 mm, 152 mm, 203 mm)  
SEE PAGE 239

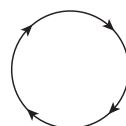
### 5" Diameter, 7° Offset, .4 hp

#### Model 51430 3,200 RPM

- Includes 50147 Hook-Face Pad and 90040 Foam "Flat Face" Buffing Pad.
- Shown with optional 13141 Side Handle/Collar Assembly.
- 3/8"-24 Male Thread.
- Extended muffler design.



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



**Rotary Motion**  
(All models on page)

Model 51430



### 5" - 8" Diameter, 7° Offset, .7 hp

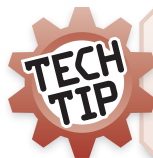
- Conventional rotary action.
- 7° offset ergonomic design for control and comfort.
- High torque planetary-gear air motor; muffler reduces sound level.
- Includes safety-lock lever and soft-grip handle.
- Backup pad and polishing pad sold separately.

#### Model 51450 3,400 RPM, 5/8"-11 Male Thread

#### Model 51451 4,500 RPM, 5/8"-11 Male Thread

#### Model 51454 3,400 RPM, M14 Male Thread

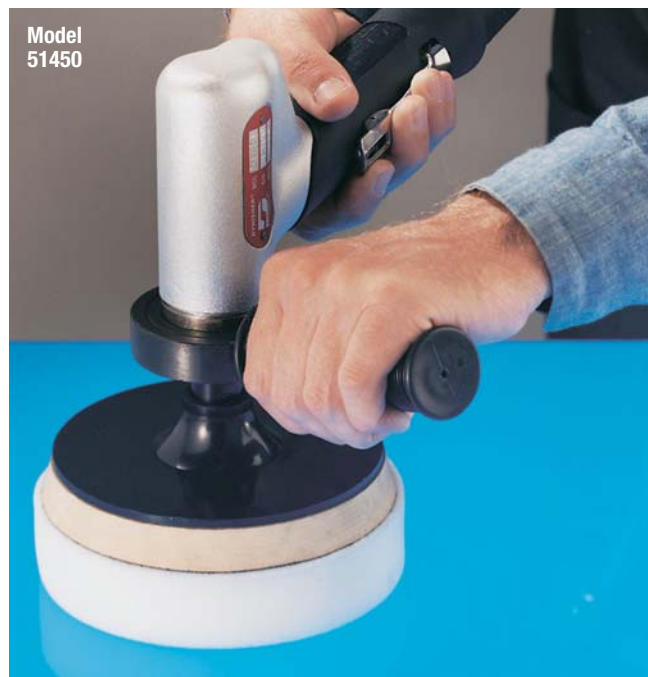
#### Model 51455 4,500 RPM M14 Male Thread



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



Model 51450



51450 Buffer shown with optional 50946 Backup Pad and optional 90047 Polishing Pad.

| Model Number  | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread        | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|---------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------------|-------------------|------------------|------------------|
| 51430         | .4 (298)     | 3,200     | 77 dB(A)    | 24 (680)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male       | 2.4 (1.1)         | 9-3/4 (248)      | 4-1/2 (114)      |
| 51450 / 51454 | .7 (522)     | 3,400     | 75 dB(A)    | 46 (1,303)                    | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male / M14 | 4.1 (1.9)         | 10-4/5 (275)     | 5-4/5 (148)      |
| 51451 / 51455 | .7 (522)     | 4,500     | 79 dB(A)    | 46 (1,303)                    | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male / M14 | 4.1 (1.9)         | 10-4/5 (275)     | 5-4/5 (148)      |

Tune-Up Kit: No. 96234; 51430 – No. 96174 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 6"-8" Diameter Buffers

## Air-Powered Buffing Tools



**SIDE HANDLE**  
PAGE 253

**BACKUP PADS**  
PAGE 240

*For Quick and Easy Buffing on Large Surfaces*

### 6"-8" Diameter, .7 hp

- Ideal for use with optional 6" to 8" buffing accessories.  
Safety-lock throttle included.

#### 5/8"-11 Male Thread

**Model 51470** **2,000 RPM**

**Model 51472** **3,100 RPM**

#### M14 Male Thread

**Model 51600** **2,000 RPM**

**Model 51601** **3,100 RPM**

**50791 Accessory Kit** **6" Diameter**

**50792 Accessory Kit** **8" Diameter**

- Includes 50828 (6" dia.) or 50829 (8" dia.) Disc Pad; 96302 Overhose Assembly;  
96323 Air Line 3/8"; 95848 Gear Oil (2.5 oz. tube); 95542 Grease; 95541 Grease Gun (2).

**NOTE:** For old-style tools 50816, 50823 and 50851, order 50797 (6" dia.) or 50798 (8" dia.) Accessory Kit.



| Model Number  | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread        | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|---------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------------|-------------------|------------------|------------------|
| 51470 / 51600 | .7 (522)     | 2,000     | 79 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male / M14 | 4.8 (2.2)         | 13 (330)         | 3-1/8 (79)       |
| 51472 / 51601 | .7 (522)     | 3,100     | 77 dB(A)    | 41 (1,161)                    | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male / M14 | 4.8 (2.2)         | 13 (330)         | 3-1/8 (79)       |

**Tune-Up Kit: No. 96178** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 6"-8" Diameter, .7 hp, 2,500 RPM

**Model 51459** **5/8"-11 Male Thread**

**Model 51458** **M14 x 2 Male Thread**

- .7 hp air motor, running at 2,500 RPM.
- Standard safety-lock lever.
- Shown with optional 50853 Backup Pad and optional 90082 Polishing Pad.



**WATCH Tool at Work!**



| Model Number  | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread        | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|---------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------------|-------------------|------------------|------------------|
| 51459 / 51458 | .7 (522)     | 2,500     | 80 dB(A)    | 27 (765)                      | 3/8 (10)                 | 1/4" NPT         | 5/8"-11 Male / M14 | 5.3 (2.4)         | 11-3/4 (301)     | 4 (102)          |

**Tune-Up Kit: No. 96672** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 6"-8" Diameter, 1 hp

- Ideal for use with optional 6" to 8" buffing accessories.
- Highest quality air motor has variable speed.
- Planetary gear set is easily lubricated for extended tool life.
- Safety-lock throttle and soft-grip handle (adjusts to left or right hand).

#### 5/8"-11 Male Thread

**Model 51390** **1,250 RPM**

**Model 51391** **1,800 RPM**

**Model 51392** **2,800 RPM**

**Model 51393** **4,500 RPM**

#### M14 Male Thread

**Model 51394** **1,250 RPM**

**Model 51395** **1,800 RPM**

**Model 51396** **2,800 RPM**

**Model 51397** **4,500 RPM**



| Model Number  | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread        | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|---------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------------|-------------------|------------------|------------------|
| 51390 / 51394 | 1 (744)      | 1,250     | 81 dB(A)    | 42 (1,201)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male / M14 | 4.5 (2.1)         | 13-1/8 (333)     | 3-3/4 (95)       |
| 51391 / 51395 | 1 (744)      | 1,800     | 80 dB(A)    | 42 (1,201)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male / M14 | 4.5 (2.1)         | 13-1/8 (333)     | 3-3/4 (95)       |
| 51392 / 51396 | 1 (744)      | 2,800     | 78 dB(A)    | 41 (1,167)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male / M14 | 4.5 (2.1)         | 13-1/8 (333)     | 3-3/4 (95)       |
| 51393 / 51397 | 1 (744)      | 4,500     | 77 dB(A)    | 35 (997)                      | 3/8 (10)                 | 3/8" NPT         | 5/8"-11 Male / M14 | 4.0 (1.8)         | 11-11/16 (296)   | 3-3/4 (95)       |

**Tune-Up Kit: No. 96532** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Electric Buffer

## Electric Large Diameter Polishing Tool



**BACKUP PADS**  
PAGE 240

**HANDLES**  
PAGE 253

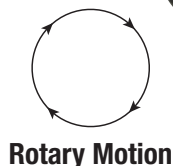
*Achieve Fine Finish on a Variety of Surfaces*

**120 V (AC)**

**FOR POLISHING PADS AND BUFFS**  
6"-8" (152 mm-203 mm) dia.  
SEE PAGE 239

### Model 51580 120 V (AC), 5/8"-11 Male Thread

- Variable speed trigger with adjustable 0-3,000 RPM roller dial for optimum performance. Desired RPM can be locked with speed-lock button.
- Top-quality brushes are externally accessible for increased productivity.
- 11-amp motor for power!
- Long 8-foot electric cord is made of oil-resistant rubber, and stays flexible when cold.
- Side handle connects in three positions for optimum comfort.



| Model Number | Motor RPM | Maximum Watts Out | Voltage    | Current Amps | Phase | Frequency | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|-----------|-------------------|------------|--------------|-------|-----------|----------------|-------------------|------------------|------------------|
| 51580        | 0-3,000   | 1,305             | 120 V (AC) | 11           | 1     | 60 Hz     | 5/8"-11        | 7.8 (3.5)         | 17 (432)         | 5-1/4 (133)      |

# Random Orbital Buffer

## Electric Large Diameter Buffing Tool



**BACKUP PADS**  
PAGE 240

**HANDLES**  
PAGE 253

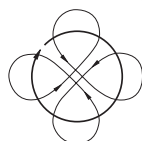
*Random Orbital Polishing Leaves No Haze, Halo or Swirl Marks*

**FOR POLISHING PADS AND BUFFS**  
7"-8" (178 mm-203 mm) dia.  
SEE PAGE 239

**Electric-Powered**

### Model 51584 120 V (AC), 5/8"-11 Male Thread

- Same great features as Rotary Model 51580, with exclusive "Twist Handle" capability.
- Works without leaving haze, halo or swirl marks... a must for dark finishes!
- Includes comfort grip handle that fits on either side or top of tool.
- Includes 50855 Hook-Face Backup Pad, 7-1/4" in diameter.



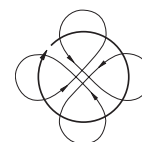
| Model Number | Motor RPM | Voltage    | Current Amps | Phase | Frequency | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|-----------|------------|--------------|-------|-----------|----------------|-------------------|------------------|------------------|
| 51584        | 0-3,000   | 120 V (AC) | 11           | 1     | 60 Hz     | 5/8"-11        | 7.8 (3.5)         | 17 (432)         | 5-1/4 (133)      |

### Random Orbital Head Kit

- Converts standard rotary tool (up to 3,200 RPM) to a Random Orbital Polisher!
- Kit Includes Random Orbital Polishing Head, 50855 Hook-Face Backing Pad (7" [178 mm] diameter), 90082 Natural Sheepskin Polishing Pad (7" [178 mm] diameter) and 50679 Wrench (26 mm).

### 61374 5/8"-11 Female Thread

**61374 Random Orbital Head Kit**  
(USA Patent no. 7,022,002)





# Dynabrade Systems & Solutions

For Buffing Tools – Suggested Tool/Accessory Combinations



| TOOL   | POLISHING BUFF   | ACCESSORIES   |  |
|--|--|---|--|
| <b>3" Dia. Dynabuffer</b><br><b>Model 57126</b><br><i>Right Angle, 7,000 RPM, .16 hp</i><br><i>Page 118</i>       | <b>3-1/4" Dia. Foam Waffle Pad</b><br><b>90070</b><br><i>Page 239</i>   | <b>Backup Pad</b><br><b>56142</b><br><i>Page 231</i>   | <b>DynaJet Blow Gun</b><br><b>94467</b><br><i>Page 224</i>                    |
| <b>3" Dia. Buffer</b><br><b>Model 51400</b><br><i>7° Offset, 3,200 RPM, .4 hp</i><br><i>Page 119</i>              | <b>3" Dia. Polishing Buff</b><br><i>Page 239</i>                        | <b>Backup Pad</b><br><b>50126</b><br><i>Page 240</i>   | <b>Motor Tune-Up Kit</b><br><b>96174</b><br><i>Page 267</i>                   |
| <b>3" Dia. Buffer</b><br><b>Model 49440</b><br><i>Angle Head, 3,200 RPM, .4 hp</i><br><i>Page 120</i>             | <b>3" Dia. Polishing Buff</b><br><i>Page 239</i>                        | <b>Backup Pad</b><br><b>50120</b><br><i>Page 240</i>   | <b>Sanding Creme &amp; Glaze</b><br><b>95723, 95727</b><br><i>Page 255</i>    |
| <b>5" Dia. Dynabuffer</b><br><b>Model 58455</b><br><i>Right Angle, 5,500 RPM, .21 hp</i><br><i>Page 118</i>      | <b>5-1/4" Dia. Foam Waffle Pad</b><br><b>90063</b><br><i>Page 239</i>  | <b>Backup Pad</b><br><b>56195</b><br><i>Page 231</i>  | <b>Tool Hanger</b><br><b>56592</b><br><i>Page 253</i>                        |
| <b>Electric Buffer</b><br><b>Model 51580</b><br><i>Right Angle, 0-3,000 RPM, 120 V (AC)</i><br><i>Page 126</i>  | <b>6"-8" Dia. Polishing Pads &amp; Buffs</b><br><i>Page 239</i>       | <b>Backup Pad</b><br><b>50853</b><br><i>Page 240</i>  | <b>Sanding Creme &amp; Glaze</b><br><b>95723, 95727</b><br><i>Page 255</i>  |

BUFFING TOOLS

## ESSENTIAL ACCESSORIES

|   |   |  |   |   |
|---|---|--|---|---|
| <b>Metal Capture Downdraft Station</b><br><b>64350</b> <i>Page 208</i><br> | <b>Air Lube (10W/NR)</b><br><b>95842</b> <i>Page 254</i><br> | <b>Dynüba 100</b><br><b>60005</b> <i>Page 254</i><br> | <b>Dynaswivel®</b><br><b>94300</b> <i>Page 223</i><br>                    | <b>Filter-Regulator-Lubricator</b><br><b>10681</b> <i>Page 224</i><br>       |
|   |   | <b>Dynüba 26</b><br><b>60020</b> <i>Page 254</i><br>  | <b>Coupler/Plug Assemblies</b><br><b>95676, 97572</b> <i>Page 228</i><br> | <b>Air Hose Assemblies</b><br><b>94863, 94852, 94892</b> <i>Page 225</i><br> |



# ***DRILLS & SPECIALTY TOOLS***

## **Non-Vacuum Models**

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## **Vacuum Models**

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# .4 hp Drills

## Air-Powered Industrial Quality Drills



**DYNASWIVEL®**  
PAGE 223

**COUPLER/PLUG**  
PAGE 228

### Now in Pistol Grip Design!

- .4 hp (298 W) Pistol Grip Drill offered in ergonomic Dynabrade design, with comfortable textured tactile grip.
- Powerful high-torque air motor is ideal for countless industrial applications.
- Trigger offers comfortable “soft start” of tool.
- Finger platform on both sides of tool allows increased stability and comfort.
- Models offered in speeds from 500 RPM to 20,000 RPM.
- Models include either 1/4" Dynachuck or 1/4" Jacobs® Chuck. Two models include 3/8" Jacobs® Chuck.

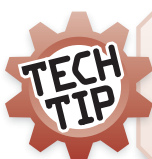
**FOR STANDARD DRILL BITS  
AND ACCESSORIES  
NOT INCLUDED**

### Pistol Grip Models, 1/4" Chuck

| Speed      | Dynachuck | Jacobs® Chuck |
|------------|-----------|---------------|
| 500 RPM    | 52831     | 52931         |
| 1,000 RPM  | 52832     | 52932         |
| 2,400 RPM  | 52833     | 52933         |
| 3,600 RPM  | 52834     | 52934         |
| 5,500 RPM  | 52835     | 52935         |
| 20,000 RPM | 52836     | 52936         |

### Pistol Grip Models, 3/8" Chuck

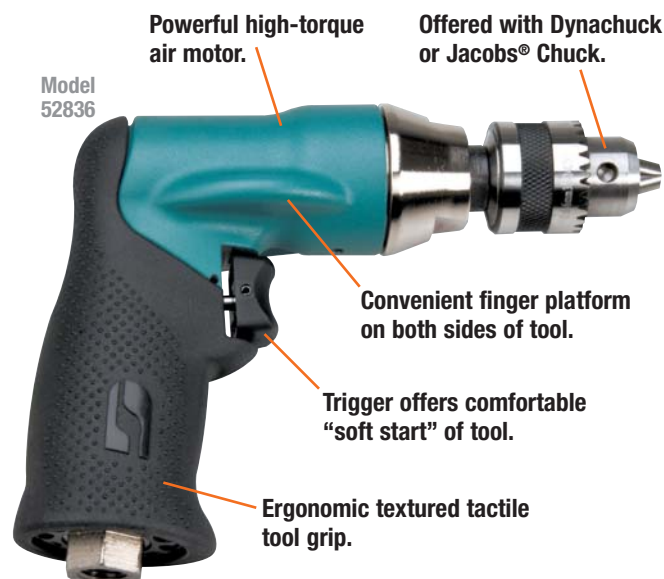
| Speed     | Dynachuck | Jacobs® Chuck |
|-----------|-----------|---------------|
| 500 RPM   | —         | 52986         |
| 1,000 RPM | —         | 52987         |



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



Model  
52833



Model  
52836

| Model Number | Motor hp (W) | Motor RPM | Chuck Size | Sound Level | Air Flow Rate SCFM (L/Min) | Air Pressure PSIG (Bar) | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|------------|-------------|----------------------------|-------------------------|----------------|-------------------|------------------|------------------|
| 52831/52931  | .4 (298)     | 500       | 1/4"       | 72 dB(A)    | 23 (651)                   | 90 (6.2)                | 3/8"-24 Male   | 2.4 (1.1)         | 6.5 (164)        | 5 (127)          |
| 52832/52932  | .4 (298)     | 1,000     | 1/4"       | 77 dB(A)    | 25 (708)                   | 90 (6.2)                | 3/8"-24 Male   | 2.4 (1.1)         | 6.5 (164)        | 5 (127)          |
| 52833/52933  | .4 (298)     | 2,400     | 1/4"       | 75 dB(A)    | 22 (623)                   | 90 (6.2)                | 3/8"-24 Male   | 1.8 (.8)          | 5.9 (149)        | 5 (127)          |
| 52834/52934  | .4 (298)     | 3,600     | 1/4"       | 73 dB(A)    | 23 (651)                   | 90 (6.2)                | 3/8"-24 Male   | 1.8 (.8)          | 5.9 (149)        | 5 (127)          |
| 52835/52935  | .4 (298)     | 5,500     | 1/4"       | 78 dB(A)    | 25 (708)                   | 90 (6.2)                | 3/8"-24 Male   | 1.8 (.8)          | 5.9 (149)        | 5 (127)          |
| 52836/52936  | .4 (298)     | 20,000    | 1/4"       | 78 dB(A)    | 22 (623)                   | 90 (6.2)                | 3/8"-24 Male   | 1.8 (.8)          | 5.9 (149)        | 5 (127)          |
| 52986        | .4 (298)     | 500       | 3/8"       | 76 dB(A)    | 23 (651)                   | 90 (6.2)                | 3/8"-24 Male   | 2.6 (1.2)         | 6.9 (176)        | 5 (127)          |
| 52987        | .4 (298)     | 1,000     | 3/8"       | 77 dB(A)    | 25 (708)                   | 90 (6.2)                | 3/8"-24 Male   | 2.6 (1.2)         | 6.9 (176)        | 5 (127)          |

**Tune-Up Kit: No. 96067** (page 267) • Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm)



# .4 hp Drills

## Air-Powered Industrial Quality Drills



**DYNAJET**  
PAGE 224

**AIR LINES**  
PAGE 225

### Angle Head & Right Angle Designs

#### Angle Head, 1/4"-28 Spindle Thread

- Accepts 1/4"-28 threaded drill bits, sold separately.
- Angle height of only 1.2" (30 mm).
- Governor-controlled motor maintains speed under load.

#### Model 49455

**950 RPM**

- Extended rear muffler design; safety-lock lever included.
- USA Government National Stock Number 5130015498848.



#### Model 49430

**3,200 RPM**

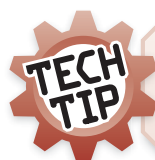
- Extended rear muffler design; safety-lock lever included.



See Vacuum Drill on Page 136!



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



### Right Angle, 1/4"-28 Spindle Thread

#### Model 53435 3,200 RPM

- Accepts 1/4"-28 threaded drill bits, sold separately.
- Angle height of 2-1/4" (57 mm).
- Standard muffler; optional safety-lock lever available.



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 49430        | .4 (298)     | 3,200     | 79 dB(A)    | 26 (736)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-28 Female | 1.9 (.9)          | 11.7 (296)       | 1.2 (30)         |
| 49455        | .4 (298)     | 950       | 77 dB(A)    | 26 (736)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-28 Female | 2.1 (.9)          | 13 (329)         | 1.2 (30)         |
| 53435        | .4 (298)     | 3,200     | 77 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-28 Female | 1.9 (.9)          | 7 (178)          | 2-1/4 (57)       |

Tune-Up Kits: 49430 and 49455 – No. 96541; 53435 – No. 96179 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .4 hp & .5 hp Drills

## Air-Powered Industrial Quality Drills



**DYNASWIVEL®**  
PAGE 223

**COUPLER/PLUG**  
PAGE 228

### Straight-Line, 7° Offset & Right Angle Designs

#### Straight Line, .4 hp, Rear Exhaust

- Each model includes 1/4" drill chuck and key.
- Extended muffler design for reduced sound levels.

**Model 53077** 950 RPM

**Model 53078** 3,200 RPM

**Model 53079** 5,000 RPM



Model  
53079

13141 Handle/Collar  
Assembly Sold Separately

Model 51846  
(Below)



#### 7° Offset, .4 hp, Rear Exhaust

- Each model includes 1/4" drill chuck and key.
- Extended muffler design for reduced sound levels.

**Model 53072** 950 RPM

**Model 53073** 3,200 RPM

**Model 53074** 5,000 RPM



Model  
53072

#### Right Angle, .4 hp, Front Exhaust

- Each model includes 1/4" drill chuck and key.

**Model 51846** 12,000 RPM

**Model 51847** 15,000 RPM

**Model 51848** 20,000 RPM

#### Right Angle, .4 hp, Rear Exhaust

- Each model includes 1/4" chuck and key.
- Standard muffler design.

**Model 53046** 12,000 RPM

**Model 53047** 15,000 RPM

**Model 53048** 20,000 RPM



Model  
53046

#### Straight Line, .5 hp, Front Exhaust

**Model 53037** 20,000 RPM

- Includes 1/4" drill chuck and key.

Model  
53037



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 51846        | .4 (298)     | 12,000    | 82 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 1.1 (.5)          | 5-1/2 (140)      | 4 (101)          |
| 51847        | .4 (298)     | 15,000    | 81 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 1.1 (.5)          | 5-1/2 (140)      | 4 (101)          |
| 51848        | .4 (298)     | 20,000    | 86 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 1.1 (.5)          | 5-1/2 (140)      | 4 (101)          |
| 53037        | .5 (373)     | 20,000    | 84 dB(A)    | 27 (765)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male   | 1.5 (.7)          | 7 (178)          | 1-3/4 (44)       |
| 53046        | .4 (298)     | 12,000    | 83 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 1.1 (.5)          | 5-3/4 (146)      | 4 (101)          |
| 53047        | .4 (298)     | 15,000    | 83 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 1.1 (.5)          | 5-3/4 (146)      | 4 (101)          |
| 53048        | .4 (298)     | 20,000    | 84 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 1.1 (.5)          | 5-3/4 (146)      | 4 (101)          |
| 53072        | .4 (298)     | 950       | 75 dB(A)    | 22 (623)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 2.2 (1.0)         | 8 (203)          | 6-3/4 (171)      |
| 53073        | .4 (298)     | 3,200     | 77 dB(A)    | 22 (623)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 2.1 (.9)          | 8 (203)          | 5-1/2 (141)      |
| 53074        | .4 (298)     | 5,000     | 75 dB(A)    | 22 (623)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 2.1 (.9)          | 8 (203)          | 5-1/2 (141)      |
| 53077        | .4 (298)     | 950       | 79 dB(A)    | 22 (623)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 1.8 (.8)          | 10-1/2 (267)     | 1-5/8 (40)       |
| 53078        | .4 (298)     | 3,200     | 79 dB(A)    | 22 (623)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 1.8 (.8)          | 10-1/2 (267)     | 1-5/8 (40)       |
| 53079        | .4 (298)     | 5,000     | 80 dB(A)    | 22 (623)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male   | 1.8 (.8)          | 10-1/2 (267)     | 1-5/8 (40)       |

**Tune-Up Kits:** 51846-51848, 53046-53048 – No. 96179; 53037 – No. 95600; 53072, 53077 – No. 96173; 53073, 53074, 53078, 53079 – No. 96174 (page 267)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# .7 hp Drills

## Air-Powered Industrial Quality Drills



**DYNAJET**  
PAGE 224

**AIR LINES**  
PAGE 225

### Pistol Grip, Rear Exhaust Design

#### Pistol Grip, .7 hp, Rear Exhaust

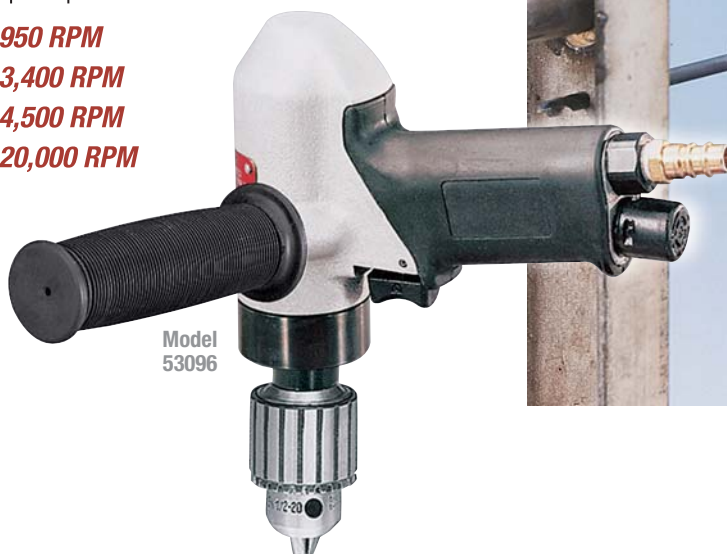
- Each model includes 3/8" drill chuck and key.
- High-torque air motor; slow-speed startup trigger.
- Rubber insulated grip for operator comfort.

**Model 53091** 950 RPM

**Model 53060** 3,400 RPM

**Model 53095** 4,500 RPM

**Model 53096** 20,000 RPM



FOR STANDARD DRILL BITS  
AND ACCESSORIES  
NOT INCLUDED

### Pistol Grip, .7 hp, Rear Exhaust

#### NEW! Additional Speeds and Chucks!

- High-torque air motor; slow-speed startup trigger.
- Rubber insulated grip for operator comfort.

**Model 53092** 500 RPM, 1/2" Keyed Chuck

**Model 53090** 950 RPM, 1/2" Keyed Chuck

**Model 53093** 1,800 RPM, 3/8" Keyed Chuck

**Model 53094** 2,400 RPM, 3/8" Keyed Chuck



Side handle is reversible for left or right hand use, and is also removable.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 53060        | .7 (522)     | 3,400     | 81 dB(A)    | 33 (935)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male   | 3.2 (1.4)         | 8-7/8 (224)      | 6-3/8 (163)      |
| 53090        | .7 (522)     | 950       | 81 dB(A)    | 33 (935)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male   | 4.8 (2.1)         | 10-1/2 (267)     | 6-3/8 (163)      |
| 53091        | .7 (522)     | 950       | 79 dB(A)    | 33 (935)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male   | 3.9 (1.8)         | 10-1/2 (267)     | 6-3/8 (163)      |
| 53092        | .7 (522)     | 500       | 76 dB(A)    | 30 (850)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male   | 4.9 (2.2)         | 10-5/8 (270)     | 6-3/8 (163)      |
| 53093        | .7 (522)     | 1,800     | 73 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male   | 3.2 (1.5)         | 8-7/8 (224)      | 6-3/8 (163)      |
| 53094        | .7 (522)     | 2,400     | 74 dB(A)    | 30 (850)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male   | 3.2 (1.5)         | 8-7/8 (224)      | 6-3/8 (163)      |
| 53095        | .7 (522)     | 4,500     | 82 dB(A)    | 33 (935)                      | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male   | 3.2 (1.4)         | 8-7/8 (224)      | 6-3/8 (163)      |
| 53096        | .7 (522)     | 20,000    | 86 dB(A)    | 33 (935)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male   | 2.4 (1.1)         | 7 (180)          | 6-3/8 (163)      |

**Tune-Up Kits:** 53060, 53090, 53091, 53095, 53096 – **No. 96047**; 53092, 53093, 53094 – **No. 96466** (page 267)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# .7 hp Drills

## Air-Powered Industrial Quality Drills



**DYNAJET**  
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**AIR LINES**  
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### 7° Offset & Right Angle Designs

#### 7° Offset, .7 hp, Rear Exhaust

- Each model includes 1/2" drill chuck and key.
- Also includes removable side handle and safety-lock lever.

**Model 53080** 3,400 RPM

**Model 53081** 4,500 RPM



For best tool performance, use optional 95676 Coupler/Plug Assembly.



#### Hole Saw Model

#### Right Angle, 1 hp, Rear Exhaust

**Model 53143** 850 RPM

- Includes 1/2" drill chuck and key.
- High torque, governor-controlled air motor.
- Ideal for running optional diamond hole saws, to efficiently punch out holes in dashboard templates, and to create other openings.
- Side handle is reversible for left or right hand use.
- Safety-lock lever is included.



Accessory  
Not Included

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 53080        | .7 (522)     | 3,400     | 79 dB(A)    | 46 (1,303)                    | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male   | 4.9 (2.2)         | 10-3/4 (274)     | 7-3/4 (196)      |
| 53081        | .7 (522)     | 4,500     | 79 dB(A)    | 46 (1,303)                    | 3/8 (10)                 | 1/4" NPT         | 1/2"-20 Male   | 4.9 (2.2)         | 10-3/4 (274)     | 7-3/4 (196)      |
| 53143        | 1 (744)      | 850       | 74 dB(A)    | 35 (991)                      | 3/8 (10)                 | 3/8" NPT         | 1/2"-20 Male   | 5.5 (2.5)         | 13-1/8 (333)     | 5-1/8 (130)      |

**Tune-Up Kits:** 53080, 53081 – No. 96234; 53143 – No. 96532 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Drill Speed Recommendation Chart

For Various Materials Using High-Speed Steel (HSS) Drills\*

| MATERIAL  | SPEED<br>(SFPM) |      | DRILL SIZES – INCHES (mm) |          |          |          |
|---|-----------------|------|---------------------------|----------|----------|----------|
|   |                 |      | 1/16 (1.5)                |          | 1/8 (3)  |          |
|   | MIN.            | MAX. | 0.063                     |          | 0.125    |          |
|   |                 |      | MIN. RPM                  | MAX. RPM | MIN. RPM | MAX. RPM |
| MARBLE  | 15              | 25   | 909                       | 1,515    | 458      | 763      |
| SLATE   | 15              | 25   | 909                       | 1,515    | 458      | 763      |
| STONE   | 15              | 25   | 909                       | 1,515    | 458      | 763      |
| STEEL – ALLOY (300-400 Bhn)                         | 20              | 30   | 1,212                     | 1,818    | 611      | 916      |
| CAST IRON – HARD (260-320 Bhn)                      | 30              | 40   | 1,818                     | 2,425    | 916      | 1,222    |
| STEEL – STAINLESS (375-425 Bhn)                     | 30              | 40   | 1,818                     | 2,425    | 916      | 1,222    |
| MONEL   | 40              | 50   | 2,425                     | 3,031    | 1,222    | 1,527    |
| STEEL – AUTOMOTIVE FORGINGS                         | 40              | 50   | 2,425                     | 3,031    | 1,222    | 1,527    |
| STEEL – TOOL (150-200 Bhn)                          | 50              | 60   | 3,031                     | 3,637    | 1,527    | 1,833    |
| STEEL – 0.4-0.5%C (125-175 Bhn)                     | 70              | 80   | 4,244                     | 4,850    | 2,139    | 2,444    |
| CAST IRON – MED HARD (150-190 Bhn)                  | 70              | 100  | 4,244                     | 6,063    | 2,139    | 3,055    |
| BRONZE – HIGH TENSILE                               | 30              | 100  | 1,818                     | 6,063    | 916      | 3,055    |
| MALLEABLE IRON                                      | 80              | 90   | 4,850                     | 5,456    | 2,444    | 2,750    |
| MILD MACHINERY – 0.2-0.3%C (120-150 Bhn)            | 80              | 110  | 4,850                     | 6,669    | 2,444    | 3,361    |
| BAKELITE AND SIMILAR MATERIAL                       | 100             | 150  | 6,063                     | 9,094    | 3,055    | 4,583    |
| CAST IRON – SOFT (110-140 Bhn)                      | 100             | 150  | 6,063                     | 9,094    | 3,055    | 4,583    |
| PLASTIC – SOFT                                      | 100             | 150  | 6,063                     | 9,094    | 3,055    | 4,583    |
| BRASS AND BRONZE                                    | 200             | 300  | 12,126                    | 18,189   | 6,111    | 9,167    |
| ALUMINUM & ALUMINUM ALLOYS (CAST, NON-HEAT TREATED) | 200             | 300  | 12,126                    | 18,189   | 6,111    | 9,167    |
| MAGNESIUM AND ALLOYS                                | 250             | 400  | 15,157                    | 24,252   | 7,639    | 12,223   |
| FIBERGLASS  | 300             | 400  | 18,189                    | 24,252   | 9,167    | 12,223   |
| WOOD  | 300             | 400  | 18,189                    | 24,252   | 9,167    | 12,223   |
| RPM RANGES  |                 |      |                           |          |          |          |
| LOW   | 0               | 301  | 601                       | 901      | 1,201    | 1,801    |
| HIGH  | 300             | 600  | 900                       | 1,200    | 1,800    | 2,400    |

\*Chart is based on High-Speed Steel (HSS) drills and drill bits. For other drill materials and coatings, follow drill bit manufacturer's recommendations.

# Drill Speed Recommendation Chart (Cont'd.)

For Various Materials Using High-Speed Steel (HSS) Drills\*

| DRILL SIZES – INCHES (mm) |          |          |          |          |          |          |          |          |          |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 3/16 (5)                  |          | 1/4 (6)  |          | 5/16 (8) |          | 3/8 (10) |          | 1/2 (13) |          |
| 0.188                     |          | 0.250    |          | 0.313    |          | 0.375    |          | 0.500    |          |
| MIN. RPM                  | MAX. RPM | MIN. RPM | MAX. RPM | MIN. RPM | MAX. RPM | MIN. RPM | MAX. RPM | MIN. RPM | MAX. RPM |
| 304                       | 507      | 229      | 381      | 183      | 305      | 152      | 254      | 114      | 190      |
| 304                       | 507      | 229      | 381      | 183      | 305      | 152      | 254      | 114      | 190      |
| 304                       | 507      | 229      | 381      | 183      | 305      | 152      | 254      | 114      | 190      |
| 406                       | 609      | 305      | 458      | 244      | 366      | 203      | 305      | 152      | 229      |
| 609                       | 812      | 458      | 611      | 366      | 488      | 305      | 407      | 229      | 305      |
| 609                       | 812      | 458      | 611      | 366      | 488      | 305      | 407      | 229      | 305      |
| 812                       | 1,015    | 611      | 763      | 488      | 610      | 407      | 509      | 305      | 381      |
| 812                       | 1,015    | 611      | 763      | 488      | 610      | 407      | 509      | 305      | 381      |
| 1,015                     | 1,219    | 763      | 916      | 610      | 732      | 509      | 611      | 381      | 458      |
| 1,422                     | 1,625    | 1,069    | 1,222    | 854      | 976      | 713      | 814      | 534      | 611      |
| 1,422                     | 2,031    | 1,069    | 1,527    | 854      | 1,220    | 713      | 1,018    | 534      | 763      |
| 609                       | 2,031    | 458      | 1,527    | 366      | 1,220    | 305      | 1,018    | 229      | 763      |
| 1,625                     | 1,828    | 1,222    | 1,375    | 976      | 1,098    | 814      | 916      | 611      | 687      |
| 1,625                     | 2,234    | 1,222    | 1,680    | 976      | 1,342    | 814      | 1,120    | 611      | 840      |
| 2,031                     | 3,047    | 1,527    | 2,291    | 1,220    | 1,830    | 1,018    | 1,527    | 763      | 1,145    |
| 2,031                     | 3,047    | 1,527    | 2,291    | 1,220    | 1,830    | 1,018    | 1,527    | 763      | 1,145    |
| 2,031                     | 3,047    | 1,527    | 2,291    | 1,220    | 1,830    | 1,018    | 1,527    | 763      | 1,145    |
| 4,063                     | 6,095    | 3,055    | 4,583    | 2,440    | 3,661    | 2,037    | 3,055    | 1,527    | 2,291    |
| 4,063                     | 6,095    | 3,055    | 4,583    | 2,440    | 3,661    | 2,037    | 3,055    | 1,527    | 2,291    |
| 5,079                     | 8,127    | 3,819    | 6,111    | 3,050    | 4,881    | 2,546    | 4,074    | 1,909    | 3,055    |
| 6,095                     | 8,127    | 4,583    | 6,111    | 3,661    | 4,881    | 3,055    | 4,074    | 2,291    | 3,055    |
| 6,095                     | 8,127    | 4,583    | 6,111    | 3,661    | 4,881    | 3,055    | 4,074    | 2,291    | 3,055    |
| RPM RANGES                |          |          |          |          |          |          |          |          |          |
| 2,401                     | 3,001    | 3,601    | 4,201    | 5,001    | 6,001    | 7,001    | 8,001    | 9,001    | 10,001   |
| 3,000                     | 3,600    | 4,200    | 5,000    | 6,000    | 7,000    | 8,000    | 9,000    | 10,000   | 25,000   |

\*Chart is based on High-Speed Steel (HSS) drills and drill bits. For other drill materials and coatings, follow drill bit manufacturer's recommendations.



# .4 hp Vacuum Drills

## For Connection to Central Vacuum System



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**COUPLER/PLUG**  
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### Unique Vacuum Shroud Captures Chips & Debris

- NEW .4 hp (298 W) Vacuum Drills include collapsible Vacuum Shroud, which compresses around drill bit to effectively capture chips and debris.
- Pistol Grip design enhances operator comfort.
- High torque air motor; insulated tool grip.
- Conductive hoses and cuffs shield operator from electrostatic discharge (ESD).
- Each model includes 1/4" Dynachuck and key.

#### Pistol Grip Models

**Model 52903** 500 RPM

**Model 52904** 1,000 RPM

**Model 52905** 2,400 RPM

**Model 52906** 3,600 RPM

**Model 52907** 5,500 RPM

Includes Conductive Hose & Cuffs, to shield operator from electrostatic discharge (ESD).

1-1/4" Dia. Vacuum Port

Each model includes Dynachuck and key.

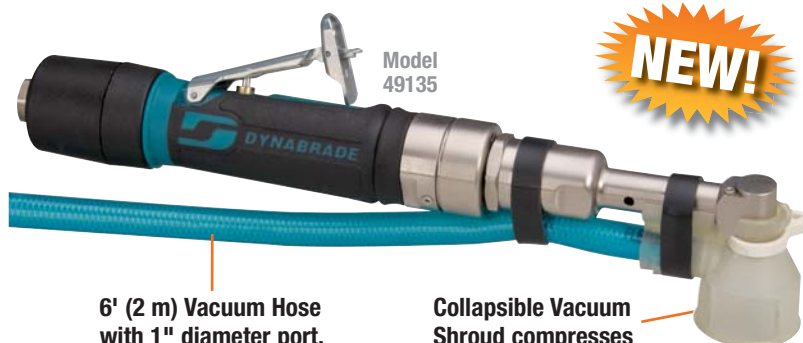


Collapsible Vacuum Shroud compresses around drill bit!

#### Angle Head Model

**Model 49135**

- Accepts 1/4"-28 Threaded Drill Bits, sold separately.
- Low-profile head allows access to restricted or hard-to-reach applications.
- Extended "neck" provides additional reach.
- Collapsible shroud surrounds drill bit for efficient capture of particulate.
- For connection to central vacuum system.



6' (2 m) Vacuum Hose with 1" diameter port.

Collapsible Vacuum Shroud compresses around drill bit!

**NEW!**

| Model Number | Motor hp (W) | Motor RPM | Chuck Size | Sound Level | Maximum Air Flow SCFM (L/Min) | Air Pressure PSIG (Bar) | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|------------|-------------|-------------------------------|-------------------------|----------------|-------------------|------------------|------------------|
| 52903        | .4 (298)     | 500       | 1/4"       | 76 dB(A)    | 23 (651)                      | 90 (6.2)                | 3/8"-24 Male   | 3.7 (1.7)         | 10-1/2 (268)     | 11-3/4 (300)     |
| 52904        | .4 (298)     | 1,000     | 1/4"       | 80 dB(A)    | 25 (708)                      | 90 (6.2)                | 3/8"-24 Male   | 3.7 (1.7)         | 10-1/2 (268)     | 11-3/4 (300)     |
| 52905        | .4 (298)     | 2,400     | 1/4"       | 77 dB(A)    | 22 (623)                      | 90 (6.2)                | 3/8"-24 Male   | 3.1 (1.4)         | 10-1/2 (268)     | 11-3/4 (300)     |
| 52906        | .4 (298)     | 3,600     | 1/4"       | 80 dB(A)    | 23 (651)                      | 90 (6.2)                | 3/8"-24 Male   | 3.1 (1.4)         | 10-1/2 (268)     | 11-3/4 (300)     |
| 52907        | .4 (298)     | 5,500     | 1/4"       | 81 dB(A)    | 25 (708)                      | 90 (6.2)                | 3/8"-24 Male   | 3.1 (1.4)         | 10-1/2 (268)     | 11-3/4 (300)     |
| 49135        | .4 (298)     | 3,200     | 1/4"       | 77 dB(A)    | 21 (595)                      | 90 (6.2)                | 1/4"-28 Female | 2.0 (.9)          | 11-3/4 (276)     | 3-1/2 (90)       |

Tune-Up Kit: No. 96067; 49135 – No. 96541 (page 267)

# .7 hp Vacuum Drills

## For Connection to Central Vacuum System



**DYNAJET**  
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**AIR LINES**  
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### Unique Vacuum Shroud Captures Chips & Debris

- NEW .7 hp (522 W) Vacuum Drills include collapsible Vacuum Shroud, which compresses around drill bit to effectively capture chips and debris.
- Pistol Grip design includes slow-speed startup trigger.
- High torque air motor; comfortable insulated tool grip.
- Conductive hoses and cuffs shield operator from electrostatic discharge (ESD).

**FOR STANDARD DRILL BITS  
AND ACCESSORIES  
NOT INCLUDED**

### Pistol Grip Models

#### Model 53105

**950 RPM, 3/8" Keyless Drill Chuck**

#### Model 53106

**950 RPM, 1/2" Keyed Drill Chuck**

#### Model 53103

**3,400 RPM, 3/8" Keyless Drill Chuck**

#### Model 53104

**4,500 RPM, 3/8" Keyless Drill Chuck**



Model  
53103

**TECH TIP**

The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)

**TECH TIP**

.7 hp Vacuum Drill can be modified for left or right-hand use.



**DRILLS & SPECIALTY TOOLS**

| Model Number | Motor hp (W) | Motor RPM | Air Inlet Thread | Sound Level | Maximum Air Flow SCFM (L/Min) | Spindle Thread | Hose I.D. Size Inch (mm) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|------------------|-------------|-------------------------------|----------------|--------------------------|-------------------|------------------|------------------|
| 53103        | .7 (522)     | 3,400     | 1/4" NPT         | 84 dB(A)    | 40 (1,130)                    | 3/8"-24 Male   | 3/8 (10)                 | 4 (1.8)           | 10-3/8 (264)     | 5-7/8 (149)      |
| 53104        | .7 (522)     | 4,500     | 1/4" NPT         | 84 dB(A)    | 40 (1,130)                    | 3/8"-24 Male   | 3/8 (10)                 | 4 (1.8)           | 10-3/8 (264)     | 5-7/8 (149)      |
| 53105        | .7 (522)     | 950       | 1/4" NPT         | 85 dB(A)    | 40 (1,130)                    | 3/8"-24 Male   | 3/8 (10)                 | 4.4 (2.0)         | 12-1/4 (310)     | 5-7/8 (149)      |
| 53106        | .7 (522)     | 950       | 1/4" NPT         | 85 dB(A)    | 40 (1,130)                    | 1/2"-20 Male   | 3/8 (10)                 | 4.4 (2.0)         | 12-1/4 (310)     | 5-7/8 (149)      |

**Tune-Up Kit: No. 96047** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# DynaPen Series

## Air-Powered Reciprocating Tool



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### For Engraving, Precision Removal & Deburring

FOR FILES, SCRIBE POINTS  
AND CHISELS  
SEE PAGES 292-293

*DynaPen accepts multiple accessories for engraving, precision removal and deburring. Combining rapid action with short stroke length, DynaPen is used on plastics, composites, steel, aluminum and more. An essential tool for industries such as aerospace, mold-making, firearms, machine and model shops, plus computer and cell phone manufacturing!*

#### Model 10843 1/8" Collet Insert (51659)

#### Model 10832 3 mm Collet Insert (51673)

- Lightweight pneumatic tool operates at 14,000 strokes per minute, providing fast, efficient material removal.
- Short stroke length of .007" (.018 mm) minimizes risk of gouging delicate surfaces.
- 1/8" and 3 mm Collet Inserts accept **Scribe Points**, **Files** and **Chisels**. Optional Collet Inserts of 1/16" (51780) and 3/32" (51674) also available.
- In-line filter prevents debris from entering tool through air line, ensuring longer tool life.
- "Easy Grip" rubber sleeve ensures comfortable and secure tool handling.
- Air line swivels 360° for greater maneuverability, especially on contoured parts.
- 95731 Wrench (included) allows quick one-step change of all accessories.



| Model Number | Motor SPM | Stroke Length Inch (mm) | Maximum Air Flow SCFM (L/Min) | Sound Level | Air Pressure PSIG (Bar) | Collet Size | Weight Pound (kg) | Length Inch (mm) | Diameter Inch (mm) | Hose Length Inch (mm) |
|--------------|-----------|-------------------------|-------------------------------|-------------|-------------------------|-------------|-------------------|------------------|--------------------|-----------------------|
| 10843        | 14,000    | .007 (.018)             | 4 (113)                       | 79 dB(A)    | 90 (6.2)                | 1/8"        | .57 (0.26)        | 4.25 (108)       | .9 (23)            | 56 (142)              |
| 10832        | 14,000    | .007 (.018)             | 4 (113)                       | 79 dB(A)    | 90 (6.2)                | 3 mm        | .57 (0.26)        | 4.25 (108)       | .9 (23)            | 56 (142)              |



### Double Cut Swiss Pattern Files *(sold separately)*

#### Straight Files; 3-1/2" - 4" Lengths; 3 mm Dia. Tang

| File/Cut                         | Rectangular | Square | Three Square | Half Round | Crochet | Round |
|----------------------------------|-------------|--------|--------------|------------|---------|-------|
|                                  |             |        |              |            |         |       |
| Straight File "00" (Very Coarse) | 90900       | 90910  | 90920        | 90930      | 90940   | 90950 |

#### Curved Files; 3-1/2" - 4" Lengths; 3 mm Dia. Tang

| File/Cut                 | Rectangular | Square | Three Square | Half Round | Crochet | Round |
|--------------------------|-------------|--------|--------------|------------|---------|-------|
|                          |             |        |              |            |         |       |
| Curved File "0" (Coarse) | 90901       | 90911  | 90921        | 90931      | 90941   | 90951 |

*DynaPen Scribe Points and Chisels Also Available Separately!*



# DynaPen Series

## Air-Powered Reciprocating Tool



DYNAJET  
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*For Engraving, Precision Removal & Deburring*

FOR FILES, SCRIBE POINTS  
AND CHISELS  
SEE PAGES 292-293

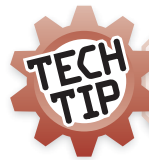
## DynaPen Filer Kit

*Includes Assortment of Popular Files!*

- DynaPen with File is ideal for intricate deburring and finishing on delicate parts.
- Accepts Reciprocating Files 3-1/2" (89 mm) long, in various shapes. Three files included in Kit.

### 10844 Kit

- 10832 DynaPen with 51673 Collet Insert (3 mm)
- 51659 Collet Insert (1/8")
- Double Cut Swiss Pattern Files: 90900 Rectangular, 90901 Curved, 90930 Half-Round
- 95731 Wrench



When operating DynaPen with Swiss Pattern File, move tool forward on work surface. This results in faster rate of removal.

## DynaPen Scribe Kit

*Includes Scribe Point for Engraving!*

- DynaPen with Scribe Point easily engraves metal, wood, stone, glass and composites.
- Ideal for use in aerospace accounts and maintenance departments, where parts are engraved for identification and tracking.
- Scribe Point made of high-carbon steel, heat-treated and tempered to hardness of 62 Rockwell.

### 10846 Kit

- 10843 DynaPen with 51659 Collet Insert (1/8")
- 90990 Scribe Point (1/8") – High-Carbon Steel
- 95731 Wrench

### 10847 Kit

- 10832 DynaPen with 51673 Collet Insert (3 mm)
- 90991 Scribe Point (3 mm) – High-Carbon Steel
- 95731 Wrench

*See Page 140 for DynaPen Kit with ALL Accessories!*



DRILLS & SPECIALTY TOOLS

# DynaPen Series

## Air-Powered Reciprocating Tool



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*For Engraving, Precision Removal & Deburring*

FOR FILES, SCRIBE POINTS  
AND CHISELS  
SEE PAGES 292-293

## DynaPen Chisel Kit

*Includes Narrow and Wide Chisels!*

- DynaPen with Chisel is effective for removing parting lines on metal and plastic.
- An important tool for dental mold-makers, jewelers, artists and archeology shops.

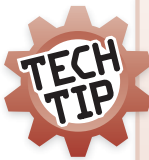
### 10848 Kit

- 10843 DynaPen with 51659 Collet Insert (1/8")
- 90992 Chisel (1/8") with 1/8" wide tip
- 90994 Chisel (1/8") with 1/4" wide tip
- 90990 Scribe Point (1/8") – High-Carbon Steel
- 95731 Wrench



### 10849 Kit

- 10832 DynaPen with 51673 Collet Insert (3 mm)
- 90993 Chisel (3 mm) with 3 mm wide tip
- 90995 Chisel (3 mm) with 6 mm wide tip
- 90991 Scribe Point (3 mm) – High-Carbon Steel
- 95731 Wrench



When operating DynaPen with Chisel, hold tool at angle shown. This helps prevent "scooping" or "gouging" of work surface.



## DynaPen Kit

*Includes Files, Scribe Point and Chisels.  
The Ultimate in Versatility!*

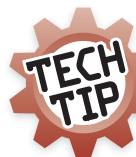
### 10850 Kit

- 10843 DynaPen with 51659 Collet Insert (1/8")
- Double Cut Swiss Pattern Files: 90900 Rectangular, 90901 Curved, 90930 Half-Round
- 90990 Scribe Point (1/8") – High Carbon Steel
- 90992 Chisel (1/8") with 1/8" wide tip
- 90994 Chisel (1/8") with 1/4" wide tip
- 95731 Wrench



### 10851 Kit

- 10832 DynaPen with 51673 Collet Insert (3 mm)
- Double Cut Swiss Pattern Files: 90900 Rectangular, 90901 Curved, 90930 Half-Round
- 90991 Scribe Point (3 mm) – High Carbon Steel
- 90993 Chisel (3 mm) with 3 mm wide tip
- 90995 Chisel (3 mm) with 6 mm wide tip
- 95731 Wrench



Lubrication of DynaPen is not necessary during operation. For tool storage, add one drop of oil after use, and run tool for five seconds. Tool is then lubricated for storage.

# Stockade Filer

## Air-Powered Reciprocating Filer



**DYNASWIVEL®**  
PAGE 223

**AIR LINES**  
PAGE 225

*Ideal for Countless Filing Applications*

### Straight Line, .4 hp, Rear Exhaust

- Each model has 1/4" round file holder opening for accepting optional files with 1/4" diameter tang (see below).
- Tool includes safety-lock lever and extended rear exhaust muffler.
- Also includes built-in air flow regulator.

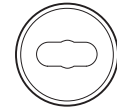
**Model 12200 2,400 Strokes/Minute**

**Model 12201 2,400 Strokes/Minute**

- Comes with 12197 File Adapter, for mounting Dynabrade files 6" in length.



File Sold Separately

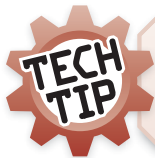


Round File Holder Opening:  
6.3 mm center dia. x 13 mm width  
(approx. 1/4" x 1/2")

### Stockade Filer Kit

#### Model 12202

- Kit includes 12201 Stockade Filer (with 12197 File Adapter), three files (90980, 90982, 90984) and 90977 Grit-File Abrasive Kit (see below).



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.

12202 Kit



| Model Number | Motor hp (W) | Sound Level | Maximum Air Flow SCFM (L/Min) | Stroke Inch (mm) | Strokes per Minute | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-------------|-------------------------------|------------------|--------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 12200        | .4 (298)     | 86 dB(A)    | 21 (595)                      | 13/32 (10)       | 2,400              | 3/8 (10)                 | 1/4" NPT         | 2.4 (1.1)         | 10 (254)         | 1-1/2 (38)       |
| 12201        | .4 (298)     | 86 dB(A)    | 21 (595)                      | 13/32 (10)       | 2,400              | 3/8 (10)                 | 1/4" NPT         | 2.4 (1.1)         | 10 (254)         | 1-1/2 (38)       |

**Tune-Up Kit: No. 96261** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Dynabrade Files (6" Length) • Sold Separately

| File Shape | Part Number | Tang           | Cut  | Package Quantity |
|------------|-------------|----------------|--|------------------|
|            | 90980       | Ø 6 mm         | Swiss Pattern Straight Double Cut "00" (Very Coarse) | 1                |
|            | 90985       |                | Swiss Pattern Curved Double Cut "0" (Coarse)         | 1                |
|            | 90981       | 11 mm x 2.5 mm | Swiss Pattern Straight Double Cut "00" (Very Coarse) | 1                |
|            | 90986       |                | Swiss Pattern Curved Double Cut "0" (Coarse)         | 1                |
|            | 90982       | Ø 6 mm         | Swiss Pattern Straight Double Cut "00" (Very Coarse) | 1                |
|            | 90979       | Ø 6 mm         | Swiss Pattern Straight Single Cut "00" (Very Coarse) | 1                |
|            | 90983       | Ø 6 mm         | Swiss Pattern Straight Double Cut "00" (Very Coarse) | 1                |
|            | 90988       |                | Swiss Pattern Curved Double Cut "0" (Coarse)         | 1                |
|            | 90984       | Ø 6 mm         | Swiss Pattern Straight Double Cut "00" (Very Coarse) | 1                |
|            | 90989       |                | Swiss Pattern Curved Double Cut "0" (Coarse)         | 1                |
|            | 90905       | 6 mm x 2.8 mm  | Aluminum Type A Flat                                 | 1                |

Ø = Diameter



# Stockade Sander and Saw

## Air-Powered Reciprocating Sander and Saw



**DYNASWIVEL®**  
PAGE 223

**AIR LINES**  
PAGE 225

*Ideal for Countless Sanding and Sawing Applications*

**FOR ABRASIVE STRIPS,  
SAW BLADES  
SEE BELOW**

### Stockade Sander

#### Model 12204 2,400 Strokes/Minute

- Has 5" long x 1/2" wide spring-steel extender which accepts stick-on coated abrasive strips (sold separately).
- 80 and 180 grit abrasive strips are included.
- Three platen pads are included, which may be mounted to the extender as a backing for the abrasive strip.
- Safety-lock lever and extended rear exhaust muffler included.



### Stockade Saw

#### Model 12205 2,400 Strokes/Minute

- Tool includes 12212 Saw Holder Adapter, 12183 Saw Guide, 90935 General Purpose Saw Blade.
- Built-in air flow regulator.
- Countless applications on wood, metal, composites, fiberglass and more.
- Safety-lock lever and extended rear exhaust muffler included.



### Stockade Saw Kit

#### Model 12206 2,400 Strokes/Minute

- 12205 Stockade Saw (above) and 90933 Saw Blade Pack, which includes one of each blade shown at right (six total).
- 12183 Saw Guard Assembly (must be used with saw blades).
- Saw Blades have a variety of uses on metal, fiberglass, wood and more.

12206 Kit



### Dynabrade Saw Blades • Sold Separately

| Part Number | Blade Type               | Description                   | Shape |
|-------------|--------------------------|-------------------------------|-------|
| 90934       | Metal/Fiberglass Cutting | Silver • Long Life • Bi-Metal |       |
| 90935       | Metal Cutting            | White • Long Life • Bi-Metal  |       |
| 90936       | Metal Cutting            | White • Long Life • Bi-Metal  |       |
| 90937       | Metal Cutting            | White • Long Life • Bi-Metal  |       |
| 90938       | Metal Scroll Heavy Duty  | White • Long Life • Bi-Metal  |       |
| 90939       | Wood Cutting/Stiff Back  | White • Bi-Metal              |       |

### Stockade Filer/Saw Kit

#### Model 12207 2,400 Strokes/Minute

- 12205 Stockade Saw (above).
- Three adapters: 12197 for Dynabrade 6" long files; 12211 for foundry file; 12212 for saw blades.
- 12183 Saw Guard Assembly (must be used with saw blades).
- Two 6" long files (90980 Pillar; 90983 Triangular).
- One 5-1/2" long foundry file (90905).
- Two saw blades (90934, 90935).

12207 Kit



| Model Number | Motor hp (W) | Sound Level | Maximum Air Flow SCFM (L/Min) | Stroke Inch (mm) | Strokes per Minute | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-------------|-------------------------------|------------------|--------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 12204        | .4 (298)     | 86 dB(A)    | 21 (595)                      | 13/32 (10)       | 2,400              | 1/4 (6)                  | 1/4" NPT         | 2.4 (1.1)         | 10 (254)         | 1-1/2 (38)       |
| 12205        | .4 (298)     | 86 dB(A)    | 21 (595)                      | 13/32 (10)       | 2,400              | 3/8 (10)                 | 1/4" NPT         | 2.4 (1.1)         | 10 (254)         | 1-1/2 (38)       |

**Tune-Up Kit: No. 96261** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Dynadie® III

## Air-Powered Reciprocating Filer



DYNAJET  
PAGE 224

COUPLER/PLUG  
PAGE 228

### Reciprocating Filer for Precise Filing and Finishing

FOR TANGED FILES  
1/8" (3 mm) and 1/4" (6 mm) dia.  
SEE BELOW

#### Model 12250 Variable-Length Stroke

- Accepts 1/4" dia. or 1/8" diameter tanged files. Files sold separately.
- Replaces tedious hand filing. Easily enters narrow slots.
- Use on metal, wood, plastic, fiberglass, etc.
- Variable-length stroke from 0 - 1/4". Tool runs at 5,000 strokes per minute.
- Barrel indexes 360° for ideal comfort.
- Tool includes 94407 Flow-Control Dynaswivel® (not shown).



| Model Number | Motor hp (W) | Sound Level | Maximum Air Flow SCFM (L/Min) | Stroke Inch (mm) | Strokes per Minute | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-------------|-------------------------------|------------------|--------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 12250        | .2 (142)     | 76 dB(A)    | 18 (509)                      | 0 - 1/4 (6)      | 5,000              | 3/8 (10)                 | 1/4" NPT         | 1.8 (.82)         | 6-5/8 (170)      | 4-1/8 (106)      |

Tune-Up Kit: No. 96533 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Straight Double Cut Swiss Pattern Files 6" Length; 1/4" Dia. Tang

| Cut                | Rectangular | Round | Three Square | Square |
|--------------------|-------------|-------|--------------|--------|
| "00" (Very Coarse) | 90980       | 90982 | 90983        | 90984  |
| "0" (Coarse)       | 90985       | —     | 90988        | 90989  |

#### Straight & Curved Double Cut Swiss Pattern Files 3-1/2" - 4" Lengths; 1/8" Dia. Tang

| File/Cut                         | Rectangular | Square | Three Square | Half Round | Crochet | Round |
|----------------------------------|-------------|--------|--------------|------------|---------|-------|
| Straight File "00" (Very Coarse) | 90900       | 90910  | 90920        | 90930      | 90940   | 90950 |
| Curved File "0" (Coarse)         | 90901       | 90911  | 90921        | 90931      | 90941   | 90951 |

# Router

## Air-Powered Routing Tool



DYNAJET  
PAGE 224

COUPLER/PLUG  
PAGE 228

### Ideal for Countless Routing Applications

FOR ROUTER BITS  
1/8" (3 mm) and 1/4" (6 mm) dia. shanks  
NOT INCLUDED

#### Model 51330 20,000 RPM, .7 hp, Front Exhaust

- Ideal for chamfers and roundover cuts on hardwoods, softwoods, solid surfaces or plastics. Great for laminate trimming, surface planing, beveling and cornering.
- Tool accepts optional high-speed steel router bits with 1/4" diameter shank capacity. Also accepts optional 1/8" collet insert, for mounting 1/8" diameter router bits.
- Lightweight, non-marring composite fixed base allows for 90° cuts. Base offers easy height adjustment.
- Safety-lock lever is standard.
- Front exhaust directs chips away from cutter.
- Spindle lock allows one-wrench cutter changing.
- Includes guide rails, ideal for use on glue seams.



Router Bit  
Not Included



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Base Size Inch (mm)     | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|-------------------------|------------------|
| 51330        | .7 (522)     | 20,000    | 82 dB(A)    | 34 (963)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male   | 2.5 (1.1)         | 3-1/4 (83) x 3-1/2 (89) | 8-1/4 (210)      |

Tune-Up Kit: No. 96529 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Collet Depth 1-5/8" (41 mm) • Max. Cutter Dia. 1-1/8" (29 mm)

# Vacuum Router

## For Connection to Central Vacuum System



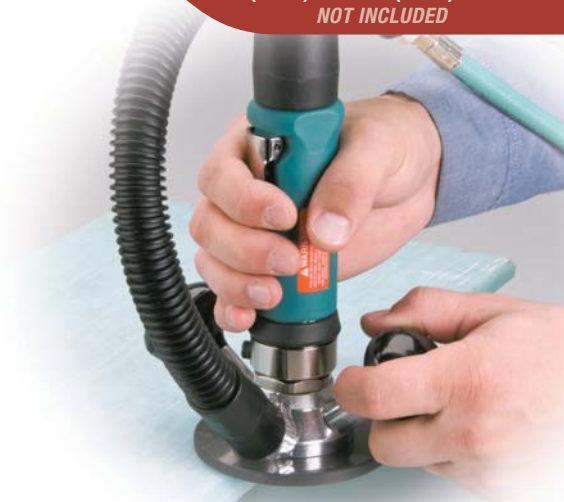
**DYNAJET**  
PAGE 224

**COUPLER/PLUG**  
PAGE 228

### Unique Vacuum Shroud Captures Contaminants

- Vacuum Router is ideal for chamfers and roundover cuts on hardwoods, softwoods, solid surfaces and plastics. Great for laminate trimming, surface planing, beveling and cornering.
- Includes 1" vacuum port, for easy connection to external central vacuum system. Efficiently captures dust and debris as tool is run.
- Tool accepts optional high-speed router bits with 1/4" diameter shank capacity.
- Non-marring composite base.
- Safety-lock throttle lever included.
- Also includes 94300 Composite Dynaswivel®, for enhanced tool maneuverability.

**FOR ROUTER BITS**  
1/8" (3 mm) and 1/4" (6 mm) dia. shanks  
**NOT INCLUDED**



### 3-1/2" (89 mm) Base Model

**Model 51332 .7 hp (522 W), 20,000 RPM**

Includes 94300 Composite  
Dynaswivel® Air Line  
Connector (both models)

Safety-lock lever is included  
(both models)

Includes 08504  
Insert, for  
enhanced  
source capture  
(both models)



Adjustable roller guide  
ensures consistent cut  
path on edge work



### 4" (102 mm) Base Model

**Model 51333 .7 hp (522 W), 20,000 RPM**

Extended rear exhaust  
muffler for reduced  
sound levels (both models)

Two handles for added  
support and ease of use

4" (102 mm) dia.  
Composite Base  
offers enhanced  
stability

1" Dia.  
Vacuum Port



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Collet Size | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|-------------|------------------|-------------------|------------------|------------------|
| 51332        | .7 (522)     | 20,000    | 79 dB(A)    | 37 (1,048)                    | 1/4"        | 1/4" NPT         | 2.6 (1.2)         | 11 (282)         | 3.5 (89)         |
| 51333        | .7 (522)     | 20,000    | 79 dB(A)    | 37 (1,048)                    | 1/4"        | 1/4" NPT         | 3.3 (1.5)         | 11 (282)         | 4 (102)          |

**Tune-Up Kit: No. 96259** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Dynascaler

## Air-Powered Descaling and Surface Preparation Tool

### For Heavy-Duty Industrial, Marine, Construction Applications

FOR "BONDED SHOT"  
FLAP ACCESSORIES  
SEE PAGE 293

- All models use optional "bonded shot" flap assemblies.
- Ideal for weld preparation, plus removing rust, oxide, scale, old paint and tough coatings.

#### Hand-Held Models

- Steel dowel pin (keepers) system allows easy flap loading and unloading.
- Four-position top handle adjusts for operator comfort.

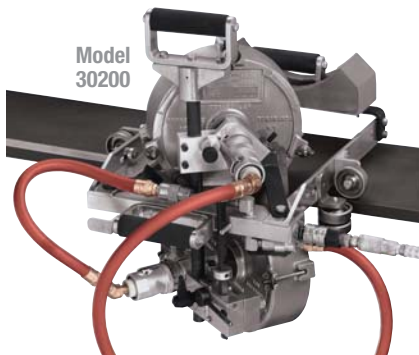
#### Model 30304 *Straight Line*

- For 2" wide work on inside of pipe.
- Six-slot hub (2-1/4" wide) accepts optional "bonded shot" flap assemblies. Adjustable for exact positioning of flap assemblies to surface.

#### Model 30336 *Straight Line, Central Vacuum*

#### Model 30337 *Right Angle, Central Vacuum*

- Each model is for 2" wide work on flat surfaces.
- Ideal for removal of floor paint/coatings and for scarifying concrete.
- Vacuum port accepts 1-1/2" diameter cuff.
- Model 30337 is USA Government National Stock Number 389501149337.



#### Over-Under Model

#### Model 30200 *1" Wide Top and Bottom*

- Mechanically fractures scale and coatings, with negligible removal of base metal.
- "Over-under" simultaneous removal of scale, from top and bottom of girder webplates prior to welding.
- Top and bottom unit each use optional 1" wide "bonded shot" flap assemblies. Top unit easily detaches to permit portable "touch up" descaling.

#### Floor Models

#### Model 30303 *2" Wide*

#### Model 31600 *3" Wide*

- Each model has 20-slot hub for optional "bonded shot" flap assemblies.
- Adjustable edge guide assures straight-line descaling. (Not recommended for use without edge guide.)



| Model Number | Motor hp (W) | RPM Free Speed | RPM Under Load | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|----------------|----------------|-------------|-------------------------------|--------------------------|----------------|-------------------|------------------|------------------|
| 30303        | 1.7 (1,268)  | 3,000          | 1,650          | 94 dB(A)    | 78 (2,209)                    | 1/2 (13)                 | —              | 44.2 (20)         | 8-3/4 (222)      | 11 (279)         |
| 31600        | 4.0 (2,983)  | 3,000          | 1,650          | 94 dB(A)    | 127 (3,597)                   | 1/2 (13)                 | —              | 54 (24.5)         | 8-3/4 (222)      | 11 (279)         |
| 30200        | .7 (522)     | 3,400          | 2,100          | 94 dB(A)    | 38 (1,076)                    | 1/2 (13)                 | —              | 33.2 (15)         | 14 (355)         | 10-3/4 (273)     |
| 30304        | .7 (522)     | 3,400          | 2,400          | 92 dB(A)    | 38 (1,076)                    | 1/2 (13)                 | 1/2"-20 Male   | 6.2 (2.8)         | 11-3/4 (298)     | 8-1/4 (210)      |
| 30336        | .7 (522)     | 3,400          | 2,400          | 92 dB(A)    | 38 (1,076)                    | 1/2 (13)                 | 1/2"-20 Male   | 6.5 (2.9)         | 11-3/4 (298)     | 8-1/4 (210)      |
| 30337        | .7 (522)     | 3,100          | 1,950          | 94 dB(A)    | 38 (1,076)                    | 1/2 (13)                 | 1/2"-20 Male   | 6.5 (2.9)         | 11-3/4 (298)     | 8-1/4 (210)      |

Tune-Up Kit: No. 96260 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar), Air Inlet Thread 3/8" NPT



# ***RANDOM ORBITAL SANDERS***

|                                    |     |   |     |
|------------------------------------|-----|---|-----|
| Dynorbital® Supreme .....          | 148 | 11" Dia. Electric Two-Hand<br>Dynorbital® ..... | 159 |
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**RANDOM ORBITAL SANDERS**







# RANDOM ORBITAL SANDER SERIES



## DYNORBITAL® SUPREME

*The Supreme Standard for  
Random Orbital Quality!*



## DYNORBITAL® SILVER SUPREME

*Supreme Power with  
Lightweight Comfort!*



## DYNORBITAL- SPIRIT®

*Medium-Duty Sander  
with "D3" Advantages*

## A UNIVERSE OF APPLICATIONS!

*Furniture Fixtures and Moldings • Solid Surface Counter Tops  
Custom Kitchen Cabinets • Custom Woodwork • Laminated Products  
Metal Finishing • Carbon Fiber • Fiberglass Mold Repair on Bath Tubs  
Bronze Sculptures • Unfinished Wood Products • P.O.P. Displays  
Custom Guitars • Architectural Millwork • Finish Sand • Antique Restoration  
Case Work • Finish Door and Window Frames • Auto Body Work  
Sheet Metal Surface Prep • Office Furniture • Hydraulic Tanks and Top Plates  
Aircraft Panels • Outdoor Signs • Upholstered Furniture • White Sanding  
Tables and Chairs • Utility Trucks • Medical Equipment • Computer Frames  
Food Industry Conveyors • Veneer Zinc Castings • Window Shutters  
Refinish Aircraft Windows • Raised Panel Doors • Painted Parts  
Billiard Tables • Auto Bumper • Fabricated Metal Parts  
Edge Sanding • Polish Steel Caps • Fiberglass Boats  
Aluminum Furniture • Home Appliances  
Decorative Accessories • Satellite Antennas  
Sand Primer • Surface Prep • MDF Components  
Finish Custom Injection Moldings and Much More!*





# Dynorbital® Supreme

## Air-Powered Random Orbital Sander



**SANDING PADS**  
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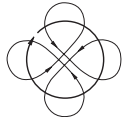
**BALL-SWIVEL PLUG**  
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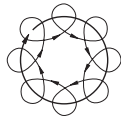
### Setting the Standard for Random Orbital Supremacy!

- The cornerstone of the "D3" Series, Dynorbital® Supreme sports a distinctive look, signifying many innovations and improvements!
- "D3" advancements include refined ergonomic design, increased vacuum capabilities, aggressive 3/8" (10 mm) orbit and more.
- When operating on work surface, tool maintains highest RPM in the industry!



**3/8"**  
(10 mm)  
Dia. Orbit

*For Aggressive Sanding*  
**(Orange Lever)**



**3/16"**  
(5 mm)  
Dia. Orbit

*For General Sanding*  
**(Silver Lever)**



**3/32"**  
(2.5 mm)  
Dia. Orbit

*For Ultra-Fine Sanding*  
**(Black Lever)**

### Non-Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Optional vacuum conversion kits are available to easily convert non-vacuum tool to self-generated vacuum tool or central vacuum tool (see page 218).

| Pad Diameter<br>Inch (mm) | 3/8" (10 mm)<br>Orbit Models | 3/16" (5 mm)<br>Orbit Models | 3/32" (2.5 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|--------------------------------|
| 3-1/2 (89)                | 56870                        | 56800                        | 56840                          |
| 5 (127)                   | 56880                        | 56815*                       | 56850                          |
| 6 (152)                   | 56890                        | 56826**                      | 56859                          |

**Tune-Up Kit: No. 96024** (page 267)

\*USA Government National Stock Number 5130013993588

\*\*USA Government National Stock Number 5130014066450

### Self-Generated Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Ready for connection to optional portable self-contained dust collection system (see page 219).

| Pad Diameter<br>Inch (mm) | 3/8" (10 mm)<br>Orbit Models | 3/16" (5 mm)<br>Orbit Models | 3/32" (2.5 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|--------------------------------|
| 3-1/2 (89)                | 56873                        | 56803                        | 56843                          |
| 5 (127)                   | 56883                        | 56818*                       | 56853                          |
| 6 (152)                   | 56893                        | 56829**                      | 56862                          |

**Tune-Up Kit: No. 96024** (page 267)

\*USA Government National Stock Number 5130012462258

\*\*USA Government National Stock Number 5130014677026

### Central Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" (25 mm) dia. vacuum port for easy connection to external vacuum system.

| Pad Diameter<br>Inch (mm) | 3/8" (10 mm)<br>Orbit Models | 3/16" (5 mm)<br>Orbit Models | 3/32" (2.5 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|--------------------------------|
| 3-1/2 (89)                | 56874                        | 56804                        | 56844                          |
| 5 (127)                   | 56884                        | 56819                        | 56854                          |
| 6 (152)                   | 56894                        | 56830*                       | 56863                          |

**Tune-Up Kit: No. 96024** (page 267)

\*USA Government National Stock Number 5130014125177

**FOR ABRASIVE DISCS**  
3-1/2" (89 mm), 5" (127 mm)  
and 6" (152 mm) dia.  
**SEE PAGE 275**



Model  
56819



Model  
56815

*See page 230  
for Dynabrade  
High-Quality  
Sanding Pads!*



Model  
56818

Portable Dust Collection System  
(Optional - See Page 219)



Model  
56819

# Dynorbital® Supreme

## Air-Powered Random Orbital Sander



**SANDING PADS**  
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**AIR LINES**  
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PAGE 222

### Setting the Standard for Random Orbital Supremacy!

**FOR ABRASIVE DISCS**  
3-1/2" (89 mm), 5" (127 mm)  
and 6" (152 mm) dia.  
*SEE PAGE 275*

#### Refined Ergonomic Tool Grip

Allows more comfortable grip and feel, reducing operator fatigue and increasing efficiency.

#### Auto-Recess Throttle Lever

Lever recesses into housing grip when depressed, eliminating pressure-point on operator's palm. Lever is color-coded to identify tool orbit (see page 148).

#### Comfort Platform

**U.S. Patent No. D610,428**

Provides additional hand and wrist support, enhancing operator comfort.

#### Perfectly Balanced Sanding Pad

**Ask for the ORANGE!**

Perfectly-balanced, weight-mated sanding pad with exclusive **single-piece hub design**. Dynabrade premium urethane pads offer smoother operating performance and minimal vibration.

#### THREE Diameters:

3-1/2" (89 mm) – 80 grams

5" (127 mm) – 100 grams

6" (152 mm) – 130 grams

#### ONE-HAND Speed Control

New Speed Control dial allows "thumb control" regulating of tool speed.

#### Low-Vibration Design

Tool grip fully covers tool housing, minimizing vibration transfer to operator.

#### Enhanced Vacuum Capabilities

Vacuum port diameter is increased by **110%**, allowing maximum capture of dust and debris!

Shroud included with all Dynorbital® Supreme, Dynorbital® Silver Supreme, and Dynorbital-Spirit® vacuum models.

### Dynorbital® Supreme Models

| Model Number | Vacuum Style | Tool Dia. Inch (mm) | Dia. Orbit Inch (mm) | Sound Level | Weight Pound (kg) | Length Inch (mm) |
|--------------|--------------|---------------------|----------------------|-------------|-------------------|------------------|
| 56800        | Non-Vac      | 3-1/2 (89)          | 3/16 (5)             | 77 dB(A)    | 2.1 (1)           | 6 (152)          |
| 56815        | Non-Vac      | 5 (127)             | 3/16 (5)             | 80 dB(A)    | 2.1 (1)           | 6-1/2 (165)      |
| 56826        | Non-Vac      | 6 (152)             | 3/16 (5)             | 78 dB(A)    | 2.2 (1)           | 7 (178)          |
| 56840        | Non-Vac      | 3-1/2 (89)          | 3/32 (2.5)           | 76 dB(A)    | 2.1 (1)           | 6 (152)          |
| 56850        | Non-Vac      | 5 (127)             | 3/32 (2.5)           | 77 dB(A)    | 2.1 (1)           | 6-1/2 (165)      |
| 56859        | Non-Vac      | 6 (152)             | 3/32 (2.5)           | 76 dB(A)    | 2.2 (1)           | 7 (178)          |
| 56870        | Non-Vac      | 3-1/2 (89)          | 3/8 (10)             | 80 dB(A)    | 2.2 (1)           | 6 (152)          |
| 56880        | Non-Vac      | 5 (127)             | 3/8 (10)             | 78 dB(A)    | 2.3 (1)           | 6-1/2 (165)      |
| 56890        | Non-Vac      | 6 (152)             | 3/8 (10)             | 80 dB(A)    | 2.4 (1)           | 7 (178)          |
| 56803        | Self-Gen     | 3-1/2 (89)          | 3/16 (5)             | 84 dB(A)    | 2.1 (1)           | 8-1/4 (210)      |
| 56818        | Self-Gen     | 5 (127)             | 3/16 (5)             | 82 dB(A)    | 2.1 (1)           | 8-1/2 (216)      |
| 56829        | Self-Gen     | 6 (152)             | 3/16 (5)             | 85 dB(A)    | 2.3 (1)           | 9 (229)          |
| 56843        | Self-Gen     | 3-1/2 (89)          | 3/32 (2.5)           | 81 dB(A)    | 2.1 (1)           | 8-1/4 (210)      |
| 56853        | Self-Gen     | 5 (127)             | 3/32 (2.5)           | 83 dB(A)    | 2.1 (1)           | 8-1/2 (216)      |

| Model Number | Vacuum Style | Tool Dia. Inch (mm) | Dia. Orbit Inch (mm) | Sound Level | Weight Pound (kg) | Length Inch (mm) |
|--------------|--------------|---------------------|----------------------|-------------|-------------------|------------------|
| 56862        | Self-Gen     | 6 (152)             | 3/32 (2.5)           | 84 dB(A)    | 2.3 (1)           | 9 (229)          |
| 56873        | Self-Gen     | 3-1/2 (89)          | 3/8 (10)             | 84 dB(A)    | 2.3 (1)           | 8-1/4 (210)      |
| 56883        | Self-Gen     | 5 (127)             | 3/8 (10)             | 85 dB(A)    | 2.3 (1)           | 8-1/2 (216)      |
| 56893        | Self-Gen     | 6 (152)             | 3/8 (10)             | 85 dB(A)    | 2.5 (1.1)         | 9 (229)          |
| 56804        | Central      | 3-1/2 (89)          | 3/16 (5)             | 79 dB(A)    | 2.1 (1)           | 7 (178)          |
| 56819        | Central      | 5 (127)             | 3/16 (5)             | 80 dB(A)    | 2.2 (1)           | 7-1/4 (184)      |
| 56830        | Central      | 6 (152)             | 3/16 (5)             | 81 dB(A)    | 2.3 (1)           | 7-3/4 (197)      |
| 56844        | Central      | 3-1/2 (89)          | 3/32 (2.5)           | 79 dB(A)    | 2.1 (1)           | 7 (178)          |
| 56854        | Central      | 5 (127)             | 3/32 (2.5)           | 80 dB(A)    | 2.2 (1)           | 7-1/4 (184)      |
| 56863        | Central      | 6 (152)             | 3/32 (2.5)           | 79 dB(A)    | 2.3 (1)           | 7-3/4 (197)      |
| 56874        | Central      | 3-1/2 (89)          | 3/8 (10)             | 80 dB(A)    | 2.3 (1)           | 7 (178)          |
| 56884        | Central      | 5 (127)             | 3/8 (10)             | 81 dB(A)    | 2.3 (1)           | 7-1/4 (184)      |
| 56894        | Central      | 6 (152)             | 3/8 (10)             | 84 dB(A)    | 2.4 (1)           | 7-3/4 (197)      |

**Additional Specifications:** Motor .28 hp (209 W) • Motor 12,000 RPM • Pad Thread 5/16"-24 Male • Air Inlet Thread 1/4" NPT  
Hose I.D. Size 1/4" (6 mm) • Air Flow Rate 18 SCFM/510 L/Min • Height 3-1/2" (89 mm) • Air Pressure 90 PSIG (6.2 Bar)  
Sound Level is the pressure measurement according to the method outlined in ISO regulation ISO-15744

# Wet Dynorbital® Supreme

## Air-Powered Random Orbital Sander



**SANDING PADS**  
PAGE 231

**ACCESSORIES**  
PAGE 222

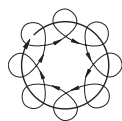
### For Polishing and Finishing Flats and Sides

- Achieves the ultimate in swirl-free finishes.
- Wet sanding reduces airborne dust, improving air quality of workplace.
- Overskirt shroud is standard on all models, to control water splash.
- Accepts diamond abrasive discs as well as microfinishing film and conventional wet discs.
- Includes non-vacuum hook-face sanding pad (short nap), 3/8" thick.

**FOR ABRASIVE DISCS**  
3-1/2" (89 mm), 5" (127 mm)  
and 6" (152 mm) dia.  
**SEE PAGE 275**

### Basic Models

- For those not requiring "through-the-tool" water feed (who prefer to use a hose or spray bottle).



**3/16" (5 mm) Dia. Random Orbit**  
*For Swirl-Free Finishes*

#### Model 57572 5" Diameter, 3/16" Orbit

- Includes 54325 Hook-Face Pad.

#### Model 57574 6" Diameter, 3/16" Orbit

- Includes 54327 Hook-Face Pad.



Model  
57574



**3/32" (2.5 mm) Dia. Random Orbit**  
*For Ultra-Fine Finishes*

#### Model 57582 5" Diameter, 3/32" Orbit

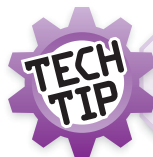
- Includes 54325 Hook-Face Pad.

#### Model 57584 6" Diameter, 3/32" Orbit

- Includes 54327 Hook-Face Pad.



Model  
57582



After using wet tool, wipe tool down with a clean, dry rag and let dry. Then store tool with sanding pad face down.

| Model Number | Motor hp (W) | Motor RPM | Pad Dia. Inch (mm) | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread     | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|-------------|-------------------------------|--------------------------|------------------|-----------------|-------------------|------------------|------------------|
| 57572        | .24 (179)    | 10,000    | 5 (127)            | 78 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.1 (1.0)         | 6-1/2 (165)      | 3-5/8 (92)       |
| 57574        | .24 (179)    | 10,000    | 6 (152)            | 76 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.2 (1.0)         | 7 (178)          | 3-1/2 (89)       |
| 57582        | .24 (179)    | 10,000    | 5 (127)            | 76 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.1 (1.0)         | 6-1/2 (165)      | 3-5/8 (92)       |
| 57584        | .24 (179)    | 10,000    | 6 (152)            | 78 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.2 (1.0)         | 7 (178)          | 3-1/2 (89)       |

**Tune-Up Kit: No. 96018** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Wet Dynorbital® Supreme

## Air-Powered Random Orbital Sander



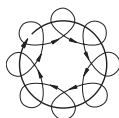
**SANDING PADS**  
PAGE 231

**ACCESSORIES**  
PAGE 222

### For Polishing and Finishing Flats and Sides

#### Deluxe Models

- Include 1/4" diameter x 11' long water line and 1/4" diameter x 10' long air line, both contained in 3/4" diameter overhose.
- Include adjustable "water feed" valves at two locations: one near the water source connection and another at the tool. This allows one valve to be pre-set to your desired flow rate, while the other is utilized as an on/off valve.



**3/16" (5 mm) Dia. Random Orbit**  
For Swirl-Free Finishes

#### Model 57571 3-1/2" Diameter, 3/16" Orbit

- Includes 54311 Hook-Face Pad.

#### Model 57573 5" Diameter, 3/16" Orbit

- Includes 54325 Hook-Face Pad.

#### Model 57575 6" Diameter, 3/16" Orbit

- Includes 54327 Hook-Face Pad.



**3/32" (2.5 mm) Dia. Random Orbit**  
For Ultra-Fine Finishes

#### Model 57583 5" Diameter, 3/32" Orbit

- Includes 54325 Hook-Face Pad.

#### Model 57585 6" Diameter, 3/32" Orbit

- Includes 54327 Hook-Face Pad.



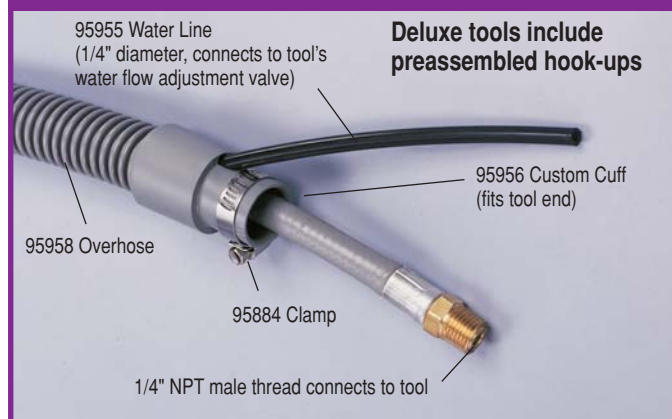
Model  
57573



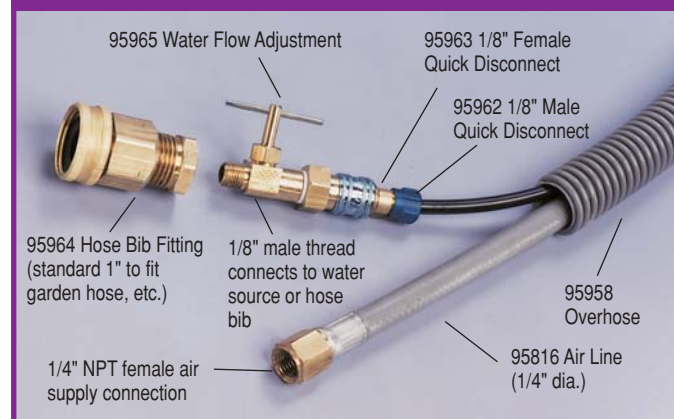
Model  
57575

Wet Dynorbital® Supreme achieves swirl-free finish.

### Connections to Deluxe Tools



### Water and Air Source Connections



| Model Number | Motor hp (W) | Motor RPM | Pad Dia. Inch (mm) | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread     | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|-------------|-------------------------------|--------------------------|------------------|-----------------|-------------------|------------------|------------------|
| 57571        | .24 (179)    | 12,000    | 3-1/2 (89)         | 74 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.1 (1.0)         | 6 (152)          | 3-3/4 (95)       |
| 57573        | .24 (179)    | 10,000    | 5 (127)            | 78 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.1 (1.0)         | 6-1/2 (165)      | 3-5/8 (92)       |
| 57575        | .24 (179)    | 10,000    | 6 (152)            | 76 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.2 (1.0)         | 7 (178)          | 3-1/2 (89)       |
| 57583        | .24 (179)    | 10,000    | 5 (127)            | 76 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.1 (1.0)         | 6-1/2 (165)      | 3-5/8 (92)       |
| 57585        | .24 (179)    | 10,000    | 6 (152)            | 78 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.2 (1.0)         | 7 (178)          | 3-1/2 (89)       |

Tune-Up Kit: No. 96018 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Dynorbital® Silver Supreme

## Air-Powered Random Orbital Sander

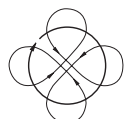


**DROP-IN MOTORS**  
PAGE 265

**ACCESSORIES**  
PAGE 222

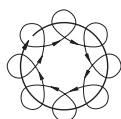
### Combines Supreme Power with Lightweight Comfort!

- The newest tool in our "D3" Series is the ultimate combination of Supreme power and lightweight comfort!
- "D3" innovations include all-steel components, compact Ergo Grip, outstanding vacuum capabilities and more.
- Steel cylinder and end plates stay perfectly aligned, maximizing motor performance!



**3/8"**  
(10 mm)  
Dia. Orbit

**For Aggressive Sanding**  
(Orange Lever)



**3/16"**  
(5 mm)  
Dia. Orbit

**For General Sanding**  
(Silver Lever)



**3/32"**  
(2.5 mm)  
Dia. Orbit

**For Ultra-Fine Sanding**  
(Black Lever)



Model  
69014

**FOR ABRASIVE DISCS**  
3" (76 mm), 3-1/2" (89 mm),  
5" (127 mm) and 6" (152 mm) dia.  
SEE PAGE 275

### Non-Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Optional vacuum conversion kits are available to easily convert non-vacuum tool to self-generated vacuum tool or central vacuum tool (see page 218).

| Pad Diameter<br>Inch (mm) | 3/8" (10 mm)<br>Orbit Models | 3/16" (5 mm)<br>Orbit Models | 3/32" (2.5 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|--------------------------------|
| 3 (76)                    | 69100                        | 69105                        | 69110                          |
| 3-1/2 (89)                | 69000                        | 69015                        | 69030                          |
| 5 (127)                   | 69005                        | 69020                        | 69035                          |
| 6 (152)                   | 69010                        | 69025                        | 69040                          |

Tune-Up Kit: No. 96620 (page 267)



**WATCH Tool**  
**at Work!**



Model  
69020

### Self-Generated Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Ready for connection to optional portable self-contained dust collection system (see page 219).

| Pad Diameter<br>Inch (mm) | 3/8" (10 mm)<br>Orbit Models | 3/16" (5 mm)<br>Orbit Models | 3/32" (2.5 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|--------------------------------|
| 3 (76)                    | 69103                        | 69108                        | 69113                          |
| 3-1/2 (89)                | 69003                        | 69018                        | 69033                          |
| 5 (127)                   | 69008                        | 69023                        | 69038                          |
| 6 (152)                   | 69013                        | 69028                        | 69043                          |

Tune-Up Kit: No. 96620 (page 267)



Model  
69023

Portable Dust Collection System  
(Optional - See Page 219)

### Central Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" (25 mm) dia. vacuum port for easy connection to external vacuum system.

| Pad Diameter<br>Inch (mm) | 3/8" (10 mm)<br>Orbit Models | 3/16" (5 mm)<br>Orbit Models | 3/32" (2.5 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|--------------------------------|
| 3 (76)                    | 69104                        | 69109                        | 69114                          |
| 3-1/2 (89)                | 69004                        | 69019                        | 69034                          |
| 5 (127)                   | 69009                        | 69024                        | 69039                          |
| 6 (152)                   | 69014                        | 69029                        | 69044                          |

Tune-Up Kit: No. 96620 (page 267)



Model  
69024

**See page 230**  
**for Dynabrade**  
**High-Quality**  
**Sanding Pads!**

# Dynorbital® Silver Supreme

## Air-Powered Random Orbital Sander



**DROP-IN MOTORS**  
PAGE 265

**ACCESSORIES**  
PAGE 222

*Combines Supreme Power with Lightweight Comfort!*

**FOR ABRASIVE DISCS**  
3" (76 mm), 3-1/2" (89 mm),  
5" (127 mm) and 6" (152 mm) dia.  
*SEE PAGE 275*

### Auto-Recess Throttle Lever

Lever recesses into housing grip when depressed, eliminating pressure-point on operator's palm. Lever is made from composite material to insulate against cold air. Lever is color-coded to identify tool orbit (see page 152).

### Compact Grip Size

Compact, ergonomic design is ideal for operators with smaller hands.

### Steel Cylinder and End Plates

Steel cylinder and end plates stay perfectly aligned. Design of end plates keeps more air in cylinder, increasing motor efficiency!

### Single-Piece Locking Ring

Allows easier assembly and provides tighter seal.

### Comfort Platform

**U.S. Patent No. D610,428**

Provides additional hand and wrist support, enhancing operator comfort. Also offers protection against cold air exhaust.

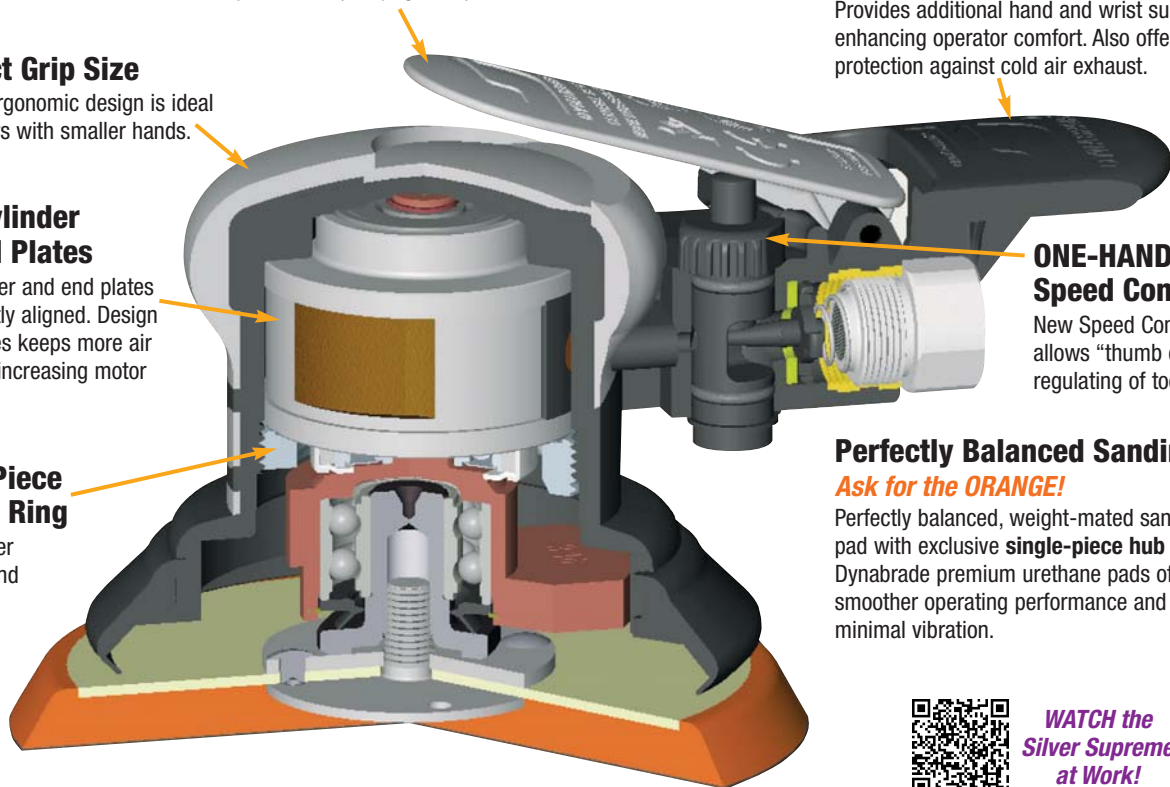
### ONE-HAND Speed Control

New Speed Control dial allows "thumb control" regulating of tool speed.

### Perfectly Balanced Sanding Pad

*Ask for the ORANGE!*

Perfectly balanced, weight-mated sanding pad with exclusive **single-piece hub design**. Dynabrade premium urethane pads offer smoother operating performance and minimal vibration.



***WATCH the Silver Supreme at Work!***

### Dynorbital® Silver Supreme Models

| Model Number | Vacuum Style | Tool Dia. Inch (mm) | Dia. Orbit Inch (mm) | Sound Level | Weight Pound (kg) | Length Inch (mm) |
|--------------|--------------|---------------------|----------------------|-------------|-------------------|------------------|
| 69000        | Non-Vac      | 3-1/2 (89)          | 3/8 (10)             | 76 dB(A)    | 1.8 (.8)          | 6 (152)          |
| 69005        | Non-Vac      | 5 (127)             | 3/8 (10)             | 80 dB(A)    | 1.9 (.9)          | 6-1/2 (165)      |
| 69010        | Non-Vac      | 6 (152)             | 3/8 (10)             | 83 dB(A)    | 1.9 (.9)          | 7 (178)          |
| 69015        | Non-Vac      | 3-1/2 (89)          | 3/16 (5)             | 77 dB(A)    | 1.7 (.8)          | 6 (152)          |
| 69020        | Non-Vac      | 5 (127)             | 3/16 (5)             | 77 dB(A)    | 1.8 (.8)          | 6-1/2 (165)      |
| 69025        | Non-Vac      | 6 (152)             | 3/16 (5)             | 77 dB(A)    | 1.8 (.8)          | 7 (178)          |
| 69030        | Non-Vac      | 3-1/2 (89)          | 3/32 (2.5)           | 75 dB(A)    | 1.7 (.8)          | 6 (152)          |
| 69035        | Non-Vac      | 5 (127)             | 3/32 (2.5)           | 78 dB(A)    | 1.7 (.8)          | 6-1/2 (165)      |
| 69040        | Non-Vac      | 6 (152)             | 3/32 (2.5)           | 78 dB(A)    | 1.8 (.8)          | 7 (178)          |
| 69100        | Non-Vac      | 3 (76)              | 3/8 (10)             | 80 dB(A)    | 1.8 (.8)          | 6 (152)          |
| 69105        | Non-Vac      | 3 (76)              | 3/16 (5)             | 80 dB(A)    | 1.7 (.8)          | 6-1/2 (165)      |
| 69110        | Non-Vac      | 3 (76)              | 3/32 (2.5)           | 80 dB(A)    | 1.7 (.8)          | 7 (178)          |
| 69003        | Self-Gen     | 3-1/2 (89)          | 3/8 (10)             | 84 dB(A)    | 1.9 (.9)          | 8-1/2 (216)      |
| 69008        | Self-Gen     | 5 (127)             | 3/8 (10)             | 80 dB(A)    | 2.0 (.9)          | 8-1/2 (216)      |
| 69013        | Self-Gen     | 6 (152)             | 3/8 (10)             | 80 dB(A)    | 2.1 (.9)          | 9 (229)          |
| 69018        | Self-Gen     | 3-1/2 (89)          | 3/16 (5)             | 79 dB(A)    | 1.8 (.8)          | 8-1/2 (216)      |
| 69023        | Self-Gen     | 5 (127)             | 3/16 (5)             | 81 dB(A)    | 1.9 (.9)          | 8-1/2 (216)      |
| 69028        | Self-Gen     | 6 (152)             | 3/16 (5)             | 84 dB(A)    | 2.0 (.9)          | 9 (229)          |

| Model Number | Vacuum Style | Tool Dia. Inch (mm) | Dia. Orbit Inch (mm) | Sound Level | Weight Pound (kg) | Length Inch (mm) |
|--------------|--------------|---------------------|----------------------|-------------|-------------------|------------------|
| 69033        | Self-Gen     | 3-1/2 (89)          | 3/32 (2.5)           | 84 dB(A)    | 1.8 (.8)          | 8-1/2 (216)      |
| 69038        | Self-Gen     | 5 (127)             | 3/32 (2.5)           | 84 dB(A)    | 1.9 (.9)          | 8-1/2 (216)      |
| 69043        | Self-Gen     | 6 (152)             | 3/32 (2.5)           | 81 dB(A)    | 2.0 (.9)          | 9 (229)          |
| 69103        | Self-Gen     | 3 (76)              | 3/8 (10)             | 81 dB(A)    | 1.9 (.9)          | 8-1/2 (216)      |
| 69108        | Self-Gen     | 3 (76)              | 3/16 (5)             | 79 dB(A)    | 1.8 (.8)          | 8-1/2 (216)      |
| 69113        | Self-Gen     | 3 (76)              | 3/32 (2.5)           | 83 dB(A)    | 1.8 (.8)          | 9 (229)          |
| 69004        | Central      | 3-1/2 (89)          | 3/8 (10)             | 79 dB(A)    | 1.9 (.9)          | 7 (178)          |
| 69009        | Central      | 5 (127)             | 3/8 (10)             | 80 dB(A)    | 2.0 (.9)          | 7-1/4 (184)      |
| 69014        | Central      | 6 (152)             | 3/8 (10)             | 84 dB(A)    | 1.9 (.9)          | 7-3/4 (197)      |
| 69019        | Central      | 3-1/2 (89)          | 3/16 (5)             | 83 dB(A)    | 1.8 (.8)          | 7 (178)          |
| 69024        | Central      | 5 (127)             | 3/16 (5)             | 79 dB(A)    | 1.9 (.9)          | 7-1/4 (184)      |
| 69029        | Central      | 6 (152)             | 3/16 (5)             | 83 dB(A)    | 2.0 (.9)          | 7-3/4 (197)      |
| 69034        | Central      | 3-1/2 (89)          | 3/32 (2.5)           | 82 dB(A)    | 1.8 (.8)          | 7 (178)          |
| 69039        | Central      | 5 (127)             | 3/32 (2.5)           | 81 dB(A)    | 1.8 (.8)          | 7-1/4 (184)      |
| 69044        | Central      | 6 (152)             | 3/32 (2.5)           | 82 dB(A)    | 2.0 (.9)          | 7-3/4 (197)      |
| 69104        | Central      | 3 (76)              | 3/8 (10)             | 82 dB(A)    | 1.9 (.9)          | 7 (178)          |
| 69109        | Central      | 3 (76)              | 3/16 (5)             | 80 dB(A)    | 1.8 (.8)          | 7-1/4 (184)      |
| 69114        | Central      | 3 (76)              | 3/32 (2.5)           | 82 dB(A)    | 1.8 (.8)          | 7-3/4 (197)      |

**Additional Specifications:** Motor .26 hp (194 W) • Motor 12,000 RPM • Pad Thread 5/16"-24 Male • Air Inlet Thread 1/4" NPT  
Hose I.D. Size 1/4" (6 mm) • Air Flow Rate 16 SCFM/450 L/Min • Height 3-1/2" (89 mm) • Air Pressure 90 PSIG (6.2 Bar)  
Sound Level is the pressure measurement according to the method outlined in ISO regulation ISO-15744



# Dynorbital-Spirit®

## Air-Powered Random Orbital Sander



**SANDING PADS**  
PAGE 230

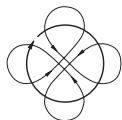
**DROP-IN MOTORS**  
PAGE 265

**BALL-SWIVEL PLUG**  
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**ACCESSORIES**  
PAGE 222

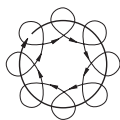
### Lightweight Sander with "D3" Advantages!

- Dynabrade's lightest Random Orbital Sander is ideal for vertical and contoured applications, and for operators with smaller hands.
- "D3" improvements include distinctive look, ergonomic tool grip for added comfort, increased vacuum efficiency and new muffler design.
- For light-to-medium duty customers who demand the Dynabrade Difference!



**3/8"**  
(10 mm)  
Dia. Orbit

**For Aggressive Sanding**  
(Orange Lever)



**3/16"**  
(5 mm)  
Dia. Orbit

**For General Sanding**  
(Silver Lever)



**3/32"**  
(2.5 mm)  
Dia. Orbit

**For Ultra-Fine Sanding**  
(Black Lever)

### Non-Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Optional vacuum conversion kits are available to easily convert non-vacuum tool to self-generated vacuum tool or central vacuum tool (see page 218).

| Pad Diameter<br>Inch (mm) | 3/8" (10 mm)<br>Orbit Models | 3/16" (5 mm)<br>Orbit Models | 3/32" (2.5 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|--------------------------------|
| 3 (76)                    | 59100                        | 59105                        | 59110                          |
| 3-1/2 (89)                | 59000                        | 59015                        | 59030                          |
| 5 (127)                   | 59005                        | 59020                        | 59035                          |
| 6 (152)                   | 59010                        | 59025*                       | 59040                          |

**Tune-Up Kit: No. 96510** (page 267)

\*USA Government National Stock Number 5130015162219

### Self-Generated Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Ready for connection to optional portable self-contained dust collection system (see page 219).

| Pad Diameter<br>Inch (mm) | 3/8" (10 mm)<br>Orbit Models | 3/16" (5 mm)<br>Orbit Models | 3/32" (2.5 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|--------------------------------|
| 3 (76)                    | 59103                        | 59108                        | 59113                          |
| 3-1/2 (89)                | 59003                        | 59018                        | 59033                          |
| 5 (127)                   | 59008                        | 59023/58054*                 | 59038                          |
| 6 (152)                   | 59013                        | 59028                        | 59043                          |

**Tune-Up Kit: No. 96510** (page 267)

\*Model 58054 includes 56320 Hook-Face Pad with 44 holes (see page 231).

### Central Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" (25 mm) dia. vacuum port for easy connection to external vacuum system.

| Pad Diameter<br>Inch (mm) | 3/8" (10 mm)<br>Orbit Models | 3/16" (5 mm)<br>Orbit Models | 3/32" (2.5 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|--------------------------------|
| 3 (76)                    | 59104                        | 59109                        | 59114                          |
| 3-1/2 (89)                | 59004                        | 59019                        | 59034                          |
| 5 (127)                   | 59009                        | 59024                        | 59039                          |
| 6 (152)                   | 59014                        | 59029*                       | 59044                          |

**Tune-Up Kit: No. 96510** (page 267)

\*USA Government National Stock Number 5130015614875

**FOR ABRASIVE DISCS**  
3" (76 mm), 3-1/2" (89 mm),  
5" (127 mm) and 6" (152 mm) dia.  
**SEE PAGE 275**



Model  
59013



Model  
59020

**See page 230  
for Dynabrade  
High-Quality  
Sanding Pads!**



Model  
59023

**Portable Dust Collection System**  
(Optional - See Page 219)



Model  
59024

# Dynorbital-Spirit®

## Air-Powered Random Orbital Sander



**SANDING PADS**  
PAGE 230

**DROP-IN MOTORS**  
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**BALL-SWIVEL PLUG**  
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**ACCESSORIES**  
PAGE 222

### Lightweight Sander with "D3" Advantages!

#### Auto-Recess Throttle Lever

Lever recesses into housing grip when depressed, eliminating pressure-point on operator's palm. Lever is made from composite material to insulate against cold air. Lever is color-coded to identify tool orbit (see page 154).

#### Compact Grip Size

Compact, ergonomic design has been reduced in size by 5%. Ideal for operators with smaller hands, and use in vertical applications!

#### Single-Piece Locking Ring

Allows easier assembly and provides tighter seal.

#### Comfort Platform

**U.S. Patent No. D610,428**

Provides additional hand and wrist support, enhancing operator comfort. Also offers protection against cold air exhaust.

**FOR ABRASIVE DISCS**  
3" (76 mm), 3-1/2" (89 mm),  
5" (127 mm) and 6" (152 mm) dia.  
*SEE PAGE 275*

#### ONE-HAND Speed Control

New Speed Control dial allows "thumb control" regulating of tool speed.

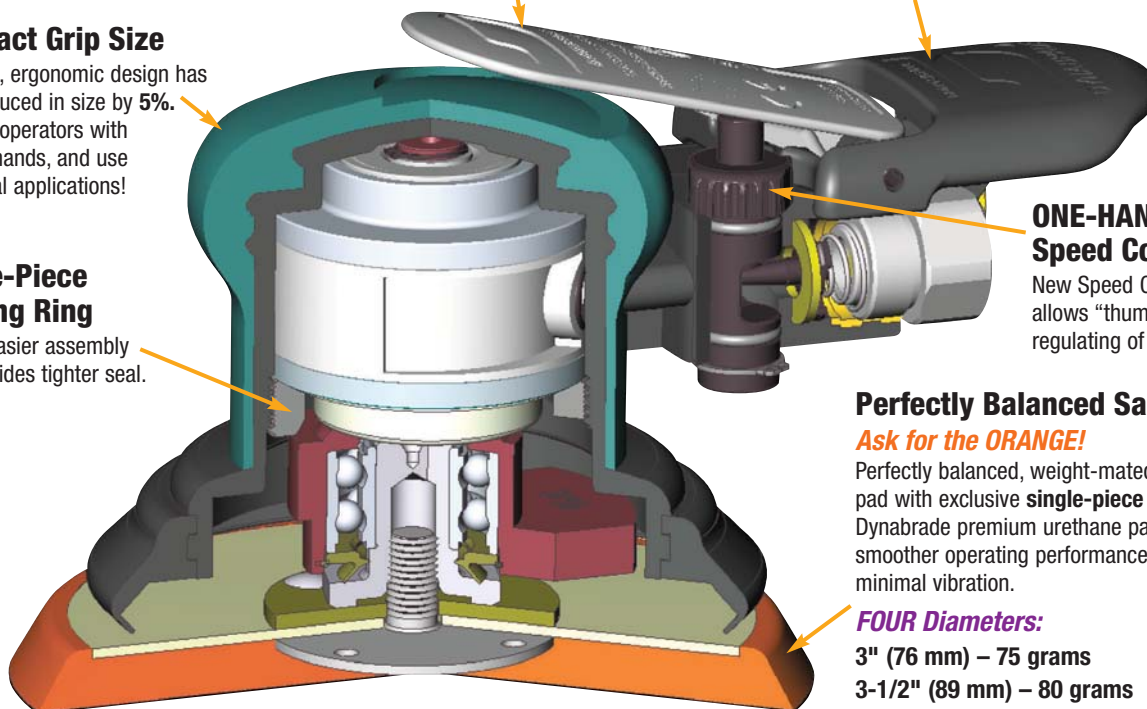
#### Perfectly Balanced Sanding Pad

**Ask for the ORANGE!**

Perfectly balanced, weight-mated sanding pad with exclusive **single-piece hub design**. Dynabrade premium urethane pads offer smoother operating performance and minimal vibration.

#### FOUR Diameters:

**3" (76 mm) – 75 grams**  
**3-1/2" (89 mm) – 80 grams**  
**5" (127 mm) – 100 grams**  
**6" (152 mm) – 130 grams**



### Dynorbital-Spirit® Models

| Model Number | Vacuum Style | Tool Dia. Inch (mm) | Dia. Orbit Inch (mm) | Sound Level | Weight Pound (kg) | Length Inch (mm) |
|--------------|--------------|---------------------|----------------------|-------------|-------------------|------------------|
| 59000        | Non-Vac      | 3-1/2 (89)          | 3/8 (10)             | 81 dB(A)    | 1.4 (.6)          | 6 (152)          |
| 59005        | Non-Vac      | 5 (127)             | 3/8 (10)             | 81 dB(A)    | 1.5 (.7)          | 6-1/2 (165)      |
| 59010        | Non-Vac      | 6 (152)             | 3/8 (10)             | 82 dB(A)    | 1.6 (.7)          | 7 (178)          |
| 59015        | Non-Vac      | 3-1/2 (89)          | 3/16 (5)             | 80 dB(A)    | 1.4 (.6)          | 6 (152)          |
| 59020        | Non-Vac      | 5 (127)             | 3/16 (5)             | 80 dB(A)    | 1.4 (.6)          | 6-1/2 (165)      |
| 59025        | Non-Vac      | 6 (152)             | 3/16 (5)             | 81 dB(A)    | 1.5 (.7)          | 7 (178)          |
| 59030        | Non-Vac      | 3-1/2 (89)          | 3/32 (2.5)           | 81 dB(A)    | 1.4 (.6)          | 6 (152)          |
| 59035        | Non-Vac      | 5 (127)             | 3/32 (2.5)           | 81 dB(A)    | 1.4 (.6)          | 6-1/2 (165)      |
| 59040        | Non-Vac      | 6 (152)             | 3/32 (2.5)           | 82 dB(A)    | 1.5 (.6)          | 7 (178)          |
| 59100        | Non-Vac      | 3 (76)              | 3/8 (10)             | 79 dB(A)    | 1.4 (.6)          | 6 (152)          |
| 59105        | Non-Vac      | 3 (76)              | 3/16 (5)             | 79 dB(A)    | 1.4 (.6)          | 6-1/2 (165)      |
| 59110        | Non-Vac      | 3 (76)              | 3/32 (2.5)           | 81 dB(A)    | 1.3 (.6)          | 7 (178)          |
| 59003        | Self-Gen     | 3-1/2 (89)          | 3/8 (10)             | 82 dB(A)    | 1.5 (.7)          | 8-1/2 (216)      |
| 59008        | Self-Gen     | 5 (127)             | 3/8 (10)             | 82 dB(A)    | 1.6 (.7)          | 8-1/2 (216)      |
| 59013        | Self-Gen     | 6 (152)             | 3/8 (10)             | 85 dB(A)    | 1.7 (.7)          | 9 (229)          |
| 59018        | Self-Gen     | 3-1/2 (89)          | 3/16 (5)             | 85 dB(A)    | 1.4 (.6)          | 8-1/2 (216)      |
| 59023/58054  | Self-Gen     | 5 (127)             | 3/16 (5)             | 82 dB(A)    | 1.5 (.7)          | 8-1/2 (216)      |
| 59028        | Self-Gen     | 6 (152)             | 3/16 (5)             | 85 dB(A)    | 1.6 (.7)          | 9 (229)          |

| Model Number | Vacuum Style | Tool Dia. Inch (mm) | Dia. Orbit Inch (mm) | Sound Level | Weight Pound (kg) | Length Inch (mm) |
|--------------|--------------|---------------------|----------------------|-------------|-------------------|------------------|
| 59033        | Self-Gen     | 3-1/2 (89)          | 3/32 (2.5)           | 82 dB(A)    | 1.4 (.6)          | 8-1/2 (216)      |
| 59038        | Self-Gen     | 5 (127)             | 3/32 (2.5)           | 81 dB(A)    | 1.5 (.6)          | 8-1/2 (216)      |
| 59043        | Self-Gen     | 6 (152)             | 3/32 (2.5)           | 86 dB(A)    | 1.5 (.7)          | 9 (229)          |
| 59103        | Self-Gen     | 3 (76)              | 3/8 (10)             | 84 dB(A)    | 1.5 (.7)          | 8-1/2 (216)      |
| 59108        | Self-Gen     | 3 (76)              | 3/16 (5)             | 83 dB(A)    | 1.4 (.6)          | 8-1/2 (216)      |
| 59113        | Self-Gen     | 3 (76)              | 3/32 (2.5)           | 85 dB(A)    | 1.4 (.6)          | 9 (229)          |
| 59004        | Central      | 3-1/2 (89)          | 3/8 (10)             | 79 dB(A)    | 1.5 (.7)          | 7 (178)          |
| 59009        | Central      | 5 (127)             | 3/8 (10)             | 83 dB(A)    | 1.5 (.7)          | 7-1/4 (184)      |
| 59014        | Central      | 6 (152)             | 3/8 (10)             | 84 dB(A)    | 1.6 (.7)          | 7-3/4 (197)      |
| 59019        | Central      | 3-1/2 (89)          | 3/16 (5)             | 83 dB(A)    | 1.4 (.6)          | 7 (178)          |
| 59024        | Central      | 5 (127)             | 3/16 (5)             | 81 dB(A)    | 1.5 (.6)          | 7-1/4 (184)      |
| 59029        | Central      | 6 (152)             | 3/16 (5)             | 83 dB(A)    | 1.6 (.7)          | 7-3/4 (197)      |
| 59034        | Central      | 3-1/2 (89)          | 3/32 (2.5)           | 81 dB(A)    | 1.4 (.6)          | 7 (178)          |
| 59039        | Central      | 5 (127)             | 3/32 (2.5)           | 83 dB(A)    | 1.4 (.6)          | 7-1/4 (184)      |
| 59044        | Central      | 6 (152)             | 3/32 (2.5)           | 80 dB(A)    | 1.5 (.7)          | 7-3/4 (197)      |
| 59104        | Central      | 3 (76)              | 3/8 (10)             | 79 dB(A)    | 1.5 (.6)          | 7 (178)          |
| 59109        | Central      | 3 (76)              | 3/16 (5)             | 83 dB(A)    | 1.4 (.6)          | 7-1/4 (184)      |
| 59114        | Central      | 3 (76)              | 3/32 (2.5)           | 84 dB(A)    | 1.4 (.6)          | 7-3/4 (197)      |

**Additional Specifications:** Motor .25 hp (186 W) • Motor 12,000 RPM • Pad Thread 5/16"-24 Male • Air Inlet Thread 1/4" NPT  
Hose I.D. Size 1/4" (6 mm) • Air Flow Rate 14 SCFM/396 L/Min • Height 3-1/2" (89 mm) • Air Pressure 90 PSIG (6.2 Bar)  
Sound Level is the pressure measurement according to the method outlined in ISO regulation ISO-15744

# HiVac Dynorbital-Spirit®

## Air-Powered 3" Diameter Random Orbital Sander



**DROP-IN MOTORS**  
PAGE 265

**BALL-SWIVEL PLUG**  
PAGE 223

### Small Tool with Big Power & Vacuum Capability

- 3" diameter HiVac Dynorbital-Spirit® efficiently vacuums through 6-hole sanding pad and unique shroud design.
- Sanding pad is weight-mated to tool, ensuring low vibration and smooth finishes.
- Tool weight of 1.3 pounds (0.6 kg) minimizes operator fatigue.
- Innovative design protects double row balancer bearing from sanding residue for longer tool life.
- Unique motor seal protects front motor bearing from contaminants while maintaining bearing lubrication.



**3/32"**  
(2.5 mm)  
Dia. Orbit

For Ultra-Fine Sanding



56142 Vacuum Pad  
(All HiVac Models)

### Self-Generated Vacuum

- Vacuums directly through the tool's exhaust, with 1" (25 mm) vacuum port connected to optional portable dust collection system.
- Includes 56142 Vacuum Sanding Pad (6 holes, medium density Hook-Face).
- Pad accepts 3" (76 mm) diameter Hook-Face or mesh-style abrasive discs (sold separately).

### Model 59116 3/32" (2.5 mm) Orbit

Model 59115 with 3/16" (5 mm) orbit is also available.

Includes Comfort Platform  
(All models on page)



Model 59116  
Portable Dust Collection System  
(Optional - See Page 219)

### Central Vacuum

- 1" (25 mm) vacuum port connects to an external vacuum source, such as a portable vacuum or central vac system.
- Includes 56142 Vacuum Sanding Pad (6 holes, medium density Hook-Face).
- Pad accepts 3" (76 mm) diameter Hook-Face or mesh-style abrasive discs (sold separately).

### Model 59118 3/32" (2.5 mm) Orbit

Model 59117 with 3/16" (5 mm) orbit is also available.



Model 59118

| Model Number | Orbit Dia. Inch (mm) | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Spindle Thread  | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|----------------------|--------------|-----------|-------------|-------------------------------|-----------------|--------------------------|------------------|-------------------|------------------|------------------|
| 59115        | 3/16 (5)             | .25 (186)    | 12,000    | 81 dB(A)    | 14 (396)                      | 5/16"-24 Female | 1/4 (8)                  | 1/4" NPT         | 1.3 (0.6)         | 7-3/4 (197)      | 3-3/4 (95)       |
| 59116        | 3/32 (2.5)           | .25 (186)    | 12,000    | 81 dB(A)    | 14 (396)                      | 5/16"-24 Female | 1/4 (8)                  | 1/4" NPT         | 1.3 (0.6)         | 7-3/4 (197)      | 3-3/4 (95)       |
| 59117        | 3/16 (5)             | .25 (186)    | 12,000    | 79 dB(A)    | 14 (396)                      | 5/16"-24 Female | 1/4 (8)                  | 1/4" NPT         | 1.3 (0.6)         | 6-1/2 (166)      | 3-3/4 (95)       |
| 59118        | 3/32 (2.5)           | .25 (186)    | 12,000    | 79 dB(A)    | 14 (396)                      | 5/16"-24 Female | 1/4 (8)                  | 1/4" NPT         | 1.3 (0.6)         | 6-1/2 (166)      | 3-3/4 (95)       |

Tune-Up Kit: No. 96510 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# “Swirl-Free Checklist”

## For Dynabrade Random Orbital Sanders

### Equipment Check:

#### Random Orbital Sander

- ☐ **90 PSIG (6.2 Bar) is the required operating air supply pressure.** Check the air pressure at the sander while it is running. Note: Promote the use of Dynabrade maximum flow plugs and couplers to ensure proper airflow.
- ☐ **Confirm that the tool is running at the rated “Free Speed” RPM.** On an average a 10,000 RPM non-vacuum sander will run at 9,500 RPM; a 12,000 RPM non-vacuum sander will run at 11,500 RPM. A vacuum sander normally runs slightly slower.
- ☐ **Inspect the balancer bearing (pad bearing).** Remove the back-up pad and rotate the balancer bearing shaft while holding the counterbalance stationary. The balancer shaft should turn freely.



#### Back-Up Pad

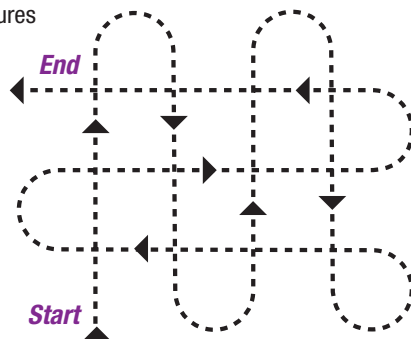
- ☐ **Inspect the face of the sanding pad.** The pad must be flat and smooth, without any defects. Check if they are using a Dynabrade back-up pad that is “weight-mated” to the sander. Using another pad can make the sander vibrate excessively and lead to an unacceptable finish.

### Sanding Techniques:

- ☐ **Always START the sander ON the surface, and STOP the sander OFF the surface.**
- ☐ **When sanding keep the sander, and pad FLAT on the surface.** **Important:** Do not exert heavy downward force on the sander. Apply enough downward force to keep the back-up pad and abrasive flat on the surface allowing the back-up pad to orbit freely over the surface.

### Sanding Techniques (Continued)

- ☐ **Follow a set pattern when sanding.** It is suggested to pass over the surface following a “North, South, East, West” pattern (see below), overlapping each pass 1/4 the diameter of the back-up pad and abrasive. This insures that the previous scratches are removed and that a uniform finish is achieved. Two “patterns” per sanding step are recommended.



- ☐ **Frequently inspect abrasive for tears, folds, or build-up.** When changing abrasive to proceed to the next sanding step, first inspect the condition of the abrasive that is on the sander. If any defects are noticed in that abrasive, remove it and install another piece of the same grain and sand the work surface again before proceeding on to the next sanding step.
- ☐ **Always clear away sanding dust and abrasive debris before progressing to the next sanding step with a finer “grit” abrasive.**

## Two-Hand Dynorbital®

### Air-Powered Random Orbital Sander



**SANDING PADS**  
PAGE 230

**ACCESSORIES**  
PAGE 222

*For Comfortable, Controlled Two-Hand Operation*

#### Model 57101 Low Profile Model

- Unique low profile two-hand model is weight-mated to 5" diameter sanding pad.
- 56106 Non-Vacuum, vinyl-face pad included.
- Also includes convenient 97166 Hanger.
- A versatile, lightweight two-hand random orbital sander.



**3/16"**  
(5 mm)  
Dia. Orbit  
*For General Sanding*

**FOR ABRASIVE DISCS**  
5" (127 mm) diameter  
SEE PAGE 275

| Model Number | Motor hp (W) | Motor RPM | Orbit Dia. Inch (mm) | Pad Dia. Inch (mm) | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|----------------------|--------------------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 57101        | .2 (149)     | 12,000    | 3/16 (5)             | 5 (127)            | 76 d(B)A    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 2.1 (.98)         | 8-5/16 (211)     | 3-3/4 (96)       |

**Tune-Up Kit: No. 96537** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Two-Hand Dynorbital®

## Air-Powered Random Orbital Sander

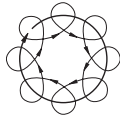


**SANDING PADS**  
PAGE 230

**BALL-SWIVEL PLUG**  
PAGE 223

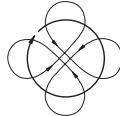
### Comfortable, Controlled Two-Hand Operation

- Long handle allows excellent comfort and control, especially when working on vertical sides of workpiece. Provides longer reach!
- Includes low profile premium urethane weight-mated sanding pad.
- 5" and 6" models are 12,000 RPM. Pads have 5/16"-24 male thread.
- 8" models are 10,000 RPM. Pads mount with 5 screws.
- Choose from two diameter orbits:



**3/16"**  
(5 mm)  
Dia. Orbit

*For General Sanding*



**3/8"**  
(10 mm)  
Dia. Orbit

*For Aggressive Sanding*

### Non-Vacuum

| Pad Diameter<br>Inch (mm) | 3/16" (5 mm)<br>Orbit Models | 3/8" (10 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|
| 5 (127)                   | 58400                        | 58415                        |
| 6 (152)                   | 58405                        | 58418                        |
| 8 (203)                   | 58410                        | —                            |

### Self-Generated Vacuum

- Self-generated vacuum models are ready for connection to optional portable dust collection system (50617 shown).
- Vacuum port accepts 1-1/4" diameter hose cuff for increased vacuum flow (no overskirt shroud is included).
- Not recommended for use with external or central vacuum system.

| Pad Diameter<br>Inch (mm) | 3/16" (5 mm)<br>Orbit Models | 3/8" (10 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|
| 5 (127)                   | 58401                        | 58416                        |
| 6 (152)                   | 58406                        | 58419                        |
| 8 (203)                   | 58411                        | —                            |

### Central Vacuum

- Ready for connection to external or central vacuum system.
- All models include combination lip seal/overskirt shroud, which offers enhanced vacuum capability and greater workpiece visibility.
- 6" diameter models include 1" outside diameter vacuum port.
- 8" diameter model includes 2" outside diameter vacuum port.

| Pad Diameter<br>Inch (mm) | 3/16" (5 mm)<br>Orbit Models | 3/8" (10 mm)<br>Orbit Models |
|---------------------------|------------------------------|------------------------------|
| 6 (152)                   | 58409                        | 58420                        |
| 8 (203)                   | 58414                        | —                            |

**FOR ABRASIVE DISCS**  
5" (127 mm), 6" (152 mm)  
and 8" (203 mm) diameter  
*SEE PAGE 275*



Model  
58416



Model  
58405



Model  
58406

Portable Dust  
Collection System  
(Optional - See  
Page 219)



Model  
58414

| Model Number | Motor hp (W) | Motor RPM | Pad Dia. Inch (mm) | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 58400/58415  | .45 (336)    | 12,000    | 5 (127)            | 82 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 2.5 (1.2)         | 11-1/16 (280)    | 4-15/16 (126)    |
| 58401/58416  | .45 (336)    | 12,000    | 5 (127)            | 84 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 2.5 (1.1)         | 11-1/16 (280)    | 4-15/16 (126)    |
| 58405/58418  | .45 (336)    | 12,000    | 6 (152)            | 81 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 2.6 (1.2)         | 11-3/8 (288)     | 4-15/16 (126)    |
| 58406/58419  | .45 (336)    | 12,000    | 6 (152)            | 84 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 2.5 (1.2)         | 11-3/8 (288)     | 4-15/16 (126)    |
| 58409/58420  | .45 (336)    | 12,000    | 6 (152)            | 84 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 2.7 (1.2)         | 11-3/8 (288)     | 4-15/16 (126)    |
| 58410        | .45 (336)    | 10,000    | 8 (203)            | 82 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 4.0 (1.8)         | 12-1/2 (319)     | 5-5/8 (142)      |
| 58411        | .45 (336)    | 10,000    | 8 (203)            | 85 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 4.0 (1.8)         | 12-1/2 (319)     | 5-5/8 (142)      |
| 58414        | .45 (336)    | 10,000    | 8 (203)            | 85 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 4.2 (1.9)         | 12-1/2 (319)     | 5-5/8 (142)      |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Thread 5/16"-24 Female • 8" models mount with 5 screws

Tune-Up Kit: 5", 6" Models: **No. 98220**; 8" Models: **No. 98221** (page 267)

# 11" Diameter Dynorbital®

## Air-Powered & Electric Random Orbital Sanders

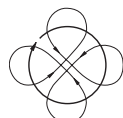


**SANDING PADS**  
PAGE 235

**ACCESSORIES**  
PAGE 222

### Cover More Area in Less Time!

- Proportionate 3/4" dia. orbit in relation to pad size assures swirl-free finish on a variety of surfaces.
- All models include 56231 Hook-Face sanding pad for abrasive discs 11-1/4" in diameter. Pad is weight-mated to tool, further reducing tool vibration levels.
- Tools include reversible Side Handle (18553), which adds to operator comfort.



**3/4"**  
(19 mm)  
Dia. Orbit

*Achieve a Swirl-Free Finish*

**FOR ABRASIVE DISCS**  
11" (280 mm) diameter  
SEE PAGE 276



Model  
58485

### Air-Powered Models

- Powerful .7 hp air motor (2,500 RPM) offers power and efficiency.

#### Model 58480 *Non-Vacuum*

- For use with optional non-vacuum abrasive discs. Abrasive disc covers pad holes, for non-vacuum use.



Model  
58485



Model  
58480

#### Model 58485 *Central Vacuum*

- For use with optional "O" style abrasive discs, which allow dust to be drawn up through pad holes.
- Vacuum shroud has 1-1/4" outside diameter port, for connection to external or central vacuum system.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 58480        | .7 (522)     | 2,500     | 83 dB(A)    | 27 (765)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 8.3 (3.7)         | 17 (432)         | 6 (152)          |
| 58485        | .7 (522)     | 2,500     | 83 dB(A)    | 27 (765)                      | 3/8 (10)                 | 1/4" NPT         | 90 (6.2)                | 9.1 (4.1)         | 17 (432)         | 6 (152)          |

Tune-Up Kit: No. 98224 (page 267)

### Electric Models

- Powerful 1.8 hp (1342 W), variable speed (0-3,000 RPM), 120 V (AC) 11 Amp electric motor offers power and efficiency. Proportionate 3/4" (19 mm) dia. orbit in relation to pad size assures swirl-free finish on a variety of surfaces. Tool has 5/8"-11 Spindle Thread.
- Double-insulated (Class II) housing, 8 ft. (2.44 m) flexible cord, and built-in tool rest.
- Includes 11" dia. x 1/2" thick Hook-Face Backing Pad (56231). Premium foam pad mounts with 5 screws.



Model  
51583

#### Model 51582 *Non-Vacuum*

120 V (AC)

#### Model 51583 *Central Vacuum*

- Ready to be attached to a central vacuum system.

| Model Number | Motor RPM | Max. Motor hp (W) | Voltage    | Current | Phase | Frequency | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|-----------|-------------------|------------|---------|-------|-----------|-------------------|------------------|------------------|
| 51582        | 0 - 3,000 | 1.8 (1,342)       | 120 V (AC) | 11 Amp  | 1     | 60 Hz     | 11.8 (5.35)       | 21 (533)         | 7 (178)          |
| 51583        | 0 - 3,000 | 1.8 (1,342)       | 120 V (AC) | 11 Amp  | 1     | 60 Hz     | 11.8 (5.35)       | 21 (533)         | 7 (178)          |



# Palm-Style Mini-Dynorbital®

## Air-Powered Random Orbital Sanders



**SANDING PADS**  
PAGE 241

**ACCESSORIES**  
PAGE 222

*Excellent for Repairing Minor Surface Defects on Clearcoat.  
Random Orbital Action Achieves Ultra-Smooth Finishes!*

**FOR ABRASIVE DISCS**  
3/4" (19 mm) and  
1-1/4" (32 mm) diameter  
SEE PAGE 276

### Supreme-Style Models

- Each model includes 54034 Sanding Head (accepts sanding pads with 1-1/4"-20 female thread.)

#### Model 57500 5,000 RPM

- Includes 3/4" dia. pad (54017) and 1-1/4" dia. pad (54018) with sample micro-finishing film abrasive discs. Confines sanding to smallest possible area.

#### Model 57504 7,500 RPM

- Includes 1-1/4" dia. pad (54018).



### Supreme-Style Models

- Each model includes 54035 Sanding Head (accepts sanding pads with male locking-type threads).
- Each model includes 1-1/4" dia. locking-type Sanding Pad (54037).

#### Model 57503 5,000 RPM

- Used as part of Dynabrade "Two-Step" Polishing System, by automobile original equipment manufacturers (OEM's). See page 116.

#### Model 57502 7,500 RPM



(All models on page)

| Model Number | Motor hp (W) | Motor RPM | Orbit Dia. Inch (mm) | Pad Dia. Inch (mm)   | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|----------------------|----------------------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 57500        | .05 (37)     | 5,000     | 3/16 (5)             | 3/4 (19), 1-1/4 (32) | 69 dB(A)    | 6 (170)                       | 1/4 (6)                  | 1/4" NPT         | 1.7 (0.8)         | 5 (127)          | 3-5/8 (92)       |
| 57502        | .08 (60)     | 7,500     | 3/16 (5)             | 1-1/4 (32)           | 75 dB(A)    | 6 (170)                       | 1/4 (6)                  | 1/4" NPT         | 1.7 (0.8)         | 5 (127)          | 3-5/8 (92)       |
| 57503        | .05 (37)     | 5,000     | 3/16 (5)             | 1-1/4 (32)           | 69 dB(A)    | 6 (170)                       | 1/4 (6)                  | 1/4" NPT         | 1.7 (0.8)         | 5 (127)          | 3-5/8 (92)       |
| 57504        | .08 (60)     | 7,500     | 3/16 (5)             | 3/4 (19), 1-1/4 (32) | 74 dB(A)    | 6 (170)                       | 1/4 (6)                  | 1/4" NPT         | 1.7 (0.8)         | 5 (127)          | 3-5/8 (92)       |

**Tune-Up Kit: No. 96109** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Tool Thread 1/4"-20 Male

### Silver Supreme-Style Models

- Ideal for repairing dust nibs and minor surface defects, while offering "Silver Supreme" design innovations!
- Comfort Platform (U.S. Patent no. D610,428) provides additional hand and wrist support.
- Tool height reduced by 20%, and tool weight of only 1.3 lbs (0.6 kg)!
- Convenient, non-marring hanger bracket for easy tool storage.

#### Model 69500 5,000 RPM

- Includes 54018 pad, 1/4"-20 thread.

#### Model 69503 5,000 RPM

- Includes 54037 locking-type pad.

#### Model 69502 7,500 RPM

- Includes 54037 locking-type pad.

#### Model 69504 7,500 RPM

- Includes 54018 pad, 1/4"-20 thread.



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Tool Thread | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|-------------|--------------------------|------------------|-------------------|------------------|------------------|
| 69500        | .03 (23)     | 5,000     | 70 dB(A)    | 5 (153)                       | 1/4"-20     | 1/4 (6)                  | 1/4" NPT         | 1.3 (.6)          | 6 (152)          | 3-5/16 (84)      |
| 69502        | .08 (60)     | 7,500     | 75 dB(A)    | 6 (170)                       | Locking     | 1/4 (6)                  | 1/4" NPT         | 1.3 (.6)          | 6 (152)          | 3-5/16 (84)      |
| 69503        | .03 (23)     | 5,000     | 70 dB(A)    | 5 (153)                       | Locking     | 1/4 (6)                  | 1/4" NPT         | 1.3 (.6)          | 6 (152)          | 3-5/16 (84)      |
| 69504        | .08 (60)     | 7,500     | 75 dB(A)    | 6 (170)                       | 1/4"-20     | 1/4 (6)                  | 1/4" NPT         | 1.3 (.6)          | 6 (152)          | 3-5/16 (84)      |

**Tune-Up Kit: No. 96127** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 7° Offset Mini-Dynorbital®

## Air-Powered Random Orbital Sander



**SANDING PADS**  
PAGE 241

**DYNASWIVEL®**  
PAGE 223

### Excellent for Repairing Dust Nibs on Clearcoat

- Ideal for finesse sanding.
- Optional side handle available. Order 13141 Handle/Collar Assembly.

#### Model 51410 **3,200 RPM**

#### Model 51412 **5,000 RPM**

- Includes 54034 Sanding Head (accepts 3" and smaller diameter sanding pads with 1/4"-20 female thread).
- Includes 54018 Pad (1-1/4" diameter) "medium" density, with sample adhesive-backed 9-micron micro-finishing film discs. Pad has 1/4"-20 female thread which mounts to tool's sanding head.



**3/16"**  
(5 mm)  
Dia. Orbit  
(All models on page)

Model 51410

#### Model 51411 **3,200 RPM**

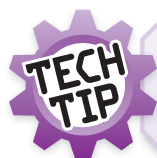
- Includes 54035 Sanding Head (accepts 3" and smaller dia. sanding pads with male locking-type threads).
- Includes 54037 "soft" density, male locking-type pad (1-1/4" diameter), which accepts adhesive-backed micro-finishing film discs.



Model 51411

#### 51415 Versatility Kit **Four Tools In One!**

- Two Mini-Random Orbital Sanders, 1/4" Die Grinder and 3-1/2" Disc Sander.
- Includes: 3,200 RPM air tool; 54034 and 54035 Random Orbital Sanding Heads; assortment of sanding pads for adhesive-backed discs, 50010 Collet, 50126 Backup Pad, assortment of abrasives and wrenches.



The 51415 Versatility Kit provides the flexibility of two Mini-Random Orbital Sanders, 1/4" Die Grinder and a 3-1/2" Disc Sander.



Model 51415

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 51410        | .4 (298)     | 3,200     | 75 dB(A)    | 24 (680)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 1.8 (.8)          | 8 (203)          | 5-1/2 (140)      |
| 51411        | .4 (298)     | 3,200     | 75 dB(A)    | 24 (680)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 1.8 (.8)          | 8 (203)          | 5-1/2 (140)      |
| 51412        | .4 (298)     | 5,000     | 75 dB(A)    | 24 (680)                      | 1/4 (6)                  | 1/4" NPT         | 3/8"-24 Male | 1.8 (.8)          | 8 (203)          | 5-1/2 (140)      |

**Tune-Up Kit: No. 96174** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Angle-Head Mini-Dynorbital®

## Air-Powered Random Orbital Sander



**SANDING PADS**  
PAGE 241

**COUPLER/PLUG**  
PAGE 223

*Excellent for Repairing Dust Nibs on Clearcoat*

**NEW!**

- Built-in speed regulator, extended rear exhaust muffler, safety-lock lever included.
- Governor-controlled motor maintains speed under load.
- Sample 9-micron micro-finishing film discs are included.
- Optional 54585 Side Handle Assembly available.

**FOR ABRASIVE DISCS**  
3/4" (19 mm) and  
1-1/4" (32 mm) diameter  
*SEE PAGE 276*



Model  
49400

### Model 49400 3,200 RPM

- 54028 Random Orbital Sanding Head accepts sanding pads with 1/4"-20 female thread.
- Includes 1-1/4" dia. medium density pad (54018), which has 1/4"-20 female thread and mounts to sanding head.

### Model 49401 3,200 RPM

- 54029 Random Orbital Sanding Head accepts male locking-type pads.
- Includes 1-1/4" dia. soft density locking-type pad (54031), which has male locking-type thread and mounts to sanding head.



Model  
49401

**3/16"**  
(5 mm)  
Dia. Orbit  
*(All models on page)*

*Angle-Head Mini-Dynorbital® can be used  
with Dynabrade Sanding Creme and Glaze.*

### 49402 Angle-Head Versatility Kit

- Includes: 3,200 RPM air tool (not shown), 54028 Random Orbital Sanding Head, 54018 Sanding Pad, 54029 Random Orbital Sanding Head, 54031 Sanding Pad, 50107 Sanding Pad, 54021 Adapter, sample 2" dia. sanding discs, 54030 Locking-Type Rotary Sanding Head, 50055 Collet (1/4").
- Not shown: Abrasives – 3/4" and 1-1/4" dia. 9-micron (1000-grit) micro-finishing film discs; assorted wrenches.
- Tool also accepts 1/4"-28 threaded drill bits (not included).



Model  
49402

### 49403 Sander/Buffer Versatility Kit

- Includes: 3,200 RPM air tool, 54028 Random Orbital Sanding Head, 50120 Hook 'n Loop Pad for Bonnets, 54018 Sanding Pad, 54021 Adapter, 90028 Wool Bonnet, assorted wrenches, 95723 Finesse Sanding Creme, 95727 Dynabrade Glaze, 54017 Sanding Pad and sample abrasives.



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



Model  
49403

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread    | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 49400        | .4 (298)     | 3,200     | 80 dB(A)    | 26 (736)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-28 Female | 1.9 (.9)          | 12.4 (316)       | 3 (77)           |
| 49401        | .4 (298)     | 3,200     | 80 dB(A)    | 26 (736)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-28 Female | 1.9 (.9)          | 12.4 (316)       | 2.9 (74)         |

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Right Angle Mini-Dynorbital®

## Air-Powered Random Orbital Sander



**SANDING PADS**  
PAGE 241

**ACCESSORIES**  
PAGE 222

### Ideal for Simple Spot Repair on Painted Surfaces

- Built-in speed regulator, rear exhaust muffler, lever throttle.
- Heavy duty gear head.
- Includes sample 9-micron micro-finishing film discs.

**FOR ABRASIVE DISCS**  
3/4" (19 mm) and  
1-1/4" (32 mm) diameter  
SEE PAGE 276

#### Model 53415 3,200 RPM

- Includes 54029 Sanding Head (accepts 3" and smaller dia. sanding pads with male locking-type threads).
- Includes 54037 soft density male locking-type pad, which accepts adhesive-backed micro-finishing film discs.

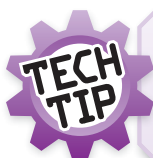
#### Model 53417 3,200 RPM

- 54028 Random Orbital Sanding Head accepts sanding pads with 1/4"-20 female thread.
- Includes 1-1/4" dia. medium density locking-type pad (54018), which has 1/4"-20 female thread which mounts to sanding head.



### 53465 Sander/Buffer Versatility Kit

- All that is needed for quick, simple spot repair on a variety of surfaces.
- Includes: Model 53417 Air Tool (3,200 RPM) with 54028 Random Orbital Sanding Head; 54021 Adapter (1/4"-28 to 1/4"-20 male); 54017 Vinyl Sanding Pad (3/4" dia.) 54018 Vinyl Sanding Pad (1-1/4" dia.); 50120 Hook-Face Pad (3" dia.); 90027 Terry Cloth Bonnet (3" dia.); 90028 Wool Buffing Pad (3" dia.); 95727 Dynabrade Glaze; 95723 Finesse Sanding Creme; 95848 Gear Oil; 95542 Grease; two 95541 Grease Guns; 95262 Wrench (14 mm); 95281 Wrench (19 mm); and sample abrasives.



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread  | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|--------------|-------------------|------------------|------------------|
| 53415        | .4 (298)     | 3,200     | 82 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-28 Male | 1.9 (.9)          | 7 (289)          | 2-3/4 (70)       |
| 53417        | .4 (298)     | 3,200     | 81 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/4" NPT         | 1/4"-28 Male | 1.9 (.9)          | 7 (289)          | 2-3/4 (70)       |

**Tune-Up Kit: No. 96179** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Dynabrade Systems & Solutions

For Random Orbital Sanders – Suggested Tool/Accessory Combinations



| TOOL  | ABRASIVE  | ACCESSORIES  |  |
|---|---|--|--|
| <b>Dynorbital® Supreme</b><br><b>Model 56815</b><br><i>Palm Style, Non-Vacuum</i><br><b>12,000 RPM</b><br><i>Page 148</i>                    | <b>5" Dia. Abrasive Discs</b><br><b>Non-Vacuum</b><br><i>Page 275</i>    | <b>5" Dia. Backup Pad</b><br><b>56106</b><br><i>Non-Vacuum</i><br><i>Page 230</i>      | <b>Ball-Swivel Plug</b><br><b>97016</b><br><i>Page 223</i>        |
| <b>Dynorbital® Silver Supreme</b><br><b>Model 69024</b><br><i>Palm Style, Central Vacuum</i><br><b>12,000 RPM</b><br><i>Page 152</i>         | <b>5" Dia. Abrasive Discs</b><br><b>Vacuum</b><br><i>Page 275</i>        | <b>5" Dia. Backup Pad</b><br><b>56320</b><br><i>Vacuum</i><br><i>Page 231</i>          | <b>Drop-In Motor</b><br><b>69457</b><br><i>Page 265</i>           |
| <b>Dynorbital® Silver Supreme</b><br><b>Model 69028</b><br><i>Palm Style, Self-Generated Vacuum</i><br><b>12,000 RPM</b><br><i>Page 152</i>  | <b>6" Dia. Abrasive Discs</b><br><b>Vacuum</b><br><i>Page 275</i>        | <b>6" Dia. Backup Pad</b><br><b>56260</b><br><i>Channel Vacuum</i><br><i>Page 231</i>  | <b>Dust Collection System</b><br><b>50617</b><br><i>Page 219</i>  |
| <b>Dynorbital-Spirit®</b><br><b>Model 59020</b><br><i>Palm Style, Non-Vacuum</i><br><b>12,000 RPM</b><br><i>Page 154</i>                    | <b>5" Dia. Abrasive Discs</b><br><b>Non-Vacuum</b><br><i>Page 275</i>   | <b>5" Dia. Backup Pad</b><br><b>56106</b><br><i>Non-Vacuum</i><br><i>Page 230</i>    | <b>5" Dia. Interface Pad</b><br><b>53978</b><br><i>Page 238</i>  |
| <b>Two-Hand Dynorbital® Sander</b><br><b>Model 58405</b><br><i>Two-Hand, 12,000 RPM</i><br><i>Page 158</i>                                 | <b>6" Dia. Abrasive Discs</b><br><b>Non-Vacuum</b><br><i>Page 275</i>  | <b>6" Dia. Backup Pad</b><br><b>56107</b><br><i>Non-Vacuum</i><br><i>Page 230</i>    | <b>DynaJet Blow Gun</b><br><b>94467</b><br><i>Page 224</i>      |

## ESSENTIAL ACCESSORIES

|   |  |   |  |  |
|---|--|---|--|--|
| <b>Metal Capture Downdraft Station</b><br><b>64350</b> <i>Page 208</i>  | <b>Air Lube (10W/NR)</b><br><b>95842</b> <i>Page 254</i>  | <b>Dynüba 100</b><br><b>60005</b> <i>Page 254</i>  | <b>Dynaswivel®</b><br><b>94300</b> <i>Page 223</i>                     | <b>Filter-Regulator-Lubricator</b><br><b>10681</b> <i>Page 224</i>        |
|   |  | <b>Dynüba 26</b><br><b>60020</b> <i>Page 254</i>   | <b>Coupler/Plug Assemblies</b><br><b>95676, 97572</b> <i>Page 228</i>  | <b>Air Hose Assemblies</b><br><b>94863, 94852, 94892</b> <i>Page 225</i>  |





## ***GEAR-DRIVEN & FINISHING SANDERS***

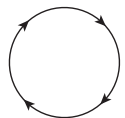
|                                    |     |   |     |
|------------------------------------|-----|---|-----|
| DynaLocke® .....                   | 166 | Wet Dynabug® "Model T" Sander ..            | 174 |
| Gear-Driven Sanders .....          | 168 | Dynabug® Sander .....                       | 175 |
| 11" Dia. Gear-Driven Sanders.....  | 169 | Dynabug® II Sander.....                     | 176 |
| Dynafine® Detail Sander .....      | 170 | Dynaline Sander .....                       | 178 |
| Dynafine® "Backsplash" Sander .... | 171 | 11" File Board Sander .....                 | 179 |
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| Dynabug® "Model T" Sander .....    | 173 |   |     |





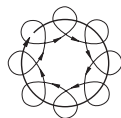
### Combination Rotary and Random Orbital Sander

- 12,000 RPM DynaLocke® is truly "two tools in one," easily changing from a rotary Disc Sander to Random Orbital Sander with the flip of a switch.
- Ideal for metal applications; great on composite materials. Excellent for automotive work, such as paint stripping and blending. Also utilized for leveling glue seams on Corian® and other solid surfaces.
- Switch is recessed within tool grip to prevent accidental engaging.



**Rotary Motion**

*For Stripping and Blending*



**3/16"  
(5 mm)  
Dia. Orbit**

*For Swirl-Free Finishes*

**FOR ABRASIVE DISCS**  
3" (76 mm), 3-1/2" (89 mm),  
5" (127 mm) and 6" (152 mm) dia.  
*SEE PAGE 275*



### Non-Vacuum

#### Model 58460 3" Diameter

- Includes 56087 Hook-Face Pad.

#### Model 58465 3-1/2" Diameter

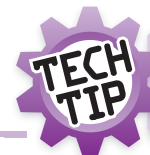
- Includes 54313 Hook-Face Pad.

#### Model 58430 5" Diameter

- Includes 54325 Hook-Face Pad.

#### Model 58435 6" Diameter

- Includes 54327 Hook-Face Pad.



Tool should be completely stopped before changing sanding action.

### Self-Generated Vacuum

- Self-Generated Vacuum models are ready for connection to optional portable dust collection system.
- Tool has 1-1/4" outside diameter vacuum port, allowing increased air flow.
- Designed to vacuum in random orbital mode only.

#### Model 58461 3" Diameter

- Includes 56087 Hook-Face Pad.

#### Model 58466 3-1/2" Diameter

- Includes 54313 Hook-Face Pad.

#### Model 58431 5" Diameter

- Includes 54326 Hook-Face Pad.

#### Model 58436 6" Diameter

- Includes 54328 Hook-Face Pad.



*See page 231  
for Dynabrade  
High-Quality  
Sanding Pads!*



Portable Dust Collection System  
(Optional - See Page 219)

Corian is a trademark of DuPont

| Model Number | Motor hp (W) | Motor RPM | Pad Dia. Inch (mm) | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Tool Thread     | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|-------------|-------------------------------|--------------------------|------------------|-----------------|-------------------|------------------|------------------|
| 58460        | .45 (336)    | 12,000    | 3 (76)             | 81 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.35 (1.0)        | 10-5/16 (263)    | 5-3/8 (137)      |
| 58461        | .45 (336)    | 12,000    | 3 (76)             | 86 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.35 (1.0)        | 10-5/16 (263)    | 5-3/8 (137)      |
| 58465        | .45 (336)    | 12,000    | 3-1/2 (89)         | 80 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.35 (1.0)        | 10-5/16 (263)    | 5-3/8 (137)      |
| 58466        | .45 (336)    | 12,000    | 3-1/2 (89)         | 85 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.35 (1.0)        | 10-5/16 (263)    | 5-3/8 (137)      |
| 58430        | .45 (336)    | 12,000    | 5 (127)            | 82 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.7 (1.2)         | 11-1/16 (280)    | 5-1/8 (131)      |
| 58431        | .45 (336)    | 12,000    | 5 (127)            | 82 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.6 (1.2)         | 11-1/16 (280)    | 5-1/8 (131)      |
| 58435        | .45 (336)    | 12,000    | 6 (152)            | 82 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.8 (1.2)         | 11-1/2 (293)     | 5-1/8 (131)      |
| 58436        | .45 (336)    | 12,000    | 6 (152)            | 85 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5/16"-24 Female | 2.7 (1.2)         | 11-1/2 (293)     | 5-1/8 (131)      |

**Tune-Up Kit: No. 98220** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 1.3 hp DynaLocke®

## Powerful Tool with DynaLocke® Head



**SANDING PADS**  
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**ACCESSORIES**  
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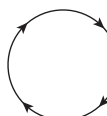
**52760 Tool includes 61318 DynaLocke® Head (with 54325 Hook-Face Pad)**

**FOR ABRASIVE DISCS**  
5" (127 mm) diameter  
SEE PAGE 275

- 52760 tool's robust 1.3 hp (970 W) air motor is governor-controlled to deliver powerful, efficient performance. Combined with 61318 DynaLocke® Head, this tool easily switches from standard rotary mode to random orbital mode!
- Tool housing and handle made of solid cast aluminum.
- Adjustable throttle handle is insulated to reduce cold air transmission to operator's hand.
- Rotational exhaust system rotates a full 360° to direct exhaust away from operator.
- Safety-lock throttle lever is included, to prevent accidental start-up of tool.
- Tool includes vibration dampening side handle, adjustable for left or right hand use.
- "Wick Lube" system extends gear life with simple lubrication.
- Tool includes 95848 Gear Oil and 95541 Gear Oil Gun.



Model 52760



**Rotary Motion**

*For Stripping and Blending*



**3/16" (5 mm) Dia. Orbit**

*For Swirl-Free Finishes*

95848 Gear Oil



95541 Gear Oil Gun

*Tool includes 54325 Hook-Face Backup Pad, 5" diameter, medium density (see page 231)*

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 52760        | 1.3 (970)    | 12,000    | 81 dB(A)    | 43 (1,218)                    | 3/8 (10)                 | 3/8" NPT         | 5/8"-11        | 7 (3.2)           | 10-1/2 (267)     | 5-3/8 (136)      |

**Tune-Up Kit: No. 96100** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

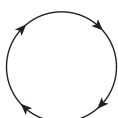
## DynaLocke® Head

### Converts Rotary Tool into DUAL-ACTION Sander!

#### Two Sanding Actions!

- 61318 DynaLocke® Head converts rotary tool (maximum 12,000 RPM) into a dual-action sander! Head easily switches from standard rotary mode to random orbital mode.
- A true time-saver in high-production workplaces! Countless applications for Metalworking (small weld removal, weld spatter and defect removal, blending scratches, paint preparation); Composites (defect removal, paint preparation, flash removal); and Solid Surface (leveling glue seams).
- Head includes 54325 Hook-Face Backup Pad, 5" diameter, medium density.

**NOTE: Use ONLY Hook-Face Abrasive Discs with 61318 DynaLocke® Head. Always change sanding modes with tool DISCONNECTED from power source.**



**Rotary Motion**

*For Stripping and Blending*



**3/16" (5 mm) Dia. Orbit**

*For Swirl-Free Finishes*

**Convenient Switch Easily Changes Sanding Modes!**



# Gear-Driven Sanders

Air-Powered, 5", 6" and 8" Diameters

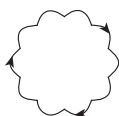


**SANDING PADS**  
PAGE 234

**ACCESSORIES**  
PAGE 222

## 900 RPM for Aggressive Removal Applications

- Unique epicycloidal sanding action allows aggressive removal of material.
- Applications include removal and leveling of large amounts of filler materials such as glue or epoxy; removing coatings. For use on materials including solid surfaces, wood and fiberglass.
- Ergonomically designed for low vibration and reduced sound levels.
- Excellent comfort and control, especially when working on vertical sides or large tabletops. Long handle allows for two-hand support of tool.



**Epicycloidal Motion**  
Gear-Driven Sanders  
(All models on page)

### Non-Vacuum

#### Model 58441 5" Diameter

- Includes 57760 Hook-Face Sanding Pad.

#### Model 58442 6" Diameter

- Includes 57762 Vinyl-Face Sanding Pad.

#### Model 58445 8" Diameter

- Includes 56234 Vinyl-Face Sanding Pad.

Model 58441



Model 58443



**FOR ABRASIVE DISCS**  
5" (127 mm), 6" (152 mm)  
and 8" (203 mm) dia.  
*SEE PAGE 275*

### Central Vacuum

- Central Vacuum models are designed for use with central vacuum system or external vacuum source.
- Includes combination lip-seal shroud/overskirt, which allows greater workpiece visibility and enhanced vacuum capability.
- Dust is extracted away from air motor (reducing contamination) for a smoother, easier path of extraction.
- Anti-clog design for efficient sanding of damp filler material.

#### Model 58443 6" Diameter

- Includes 57763 Vinyl-Face Sanding Pad (6 holes).
- Vacuum shroud has 1" outside diameter vacuum port.
- Accepts optional 57765 Hook-Face Pad.

#### Model 58444 6" Diameter

- Includes 57766 Hook-Face Sanding Pad (8 holes).
- Vacuum shroud has 1" outside diameter vacuum port.

#### Model 58446 8" Diameter

- Includes 56235 Vinyl-Face Sanding Pad (8 holes).
- Vacuum shroud has 2" outside diameter vacuum port.

1" Outside Dia.  
Vacuum Port



Model 58443

2" Outside Dia.  
Vacuum Port  
(58446 Only)



Model 58446

**See page 231  
for Dynabrade  
High-Quality  
Sanding Pads!**

| Model Number | Motor hp (W) | Motor RPM | Pad Dia. Inch (mm) | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 58441        | .45 (336)    | 900       | 5 (127)            | 80 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 3.6 (1.7)         | 11-1/16 (281)    | 5-5/8 (143)      |
| 58442        | .45 (336)    | 900       | 6 (152)            | 80 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 3.6 (1.7)         | 11-1/2 (293)     | 5-5/8 (143)      |
| 58443        | .45 (336)    | 900       | 6 (152)            | 81 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 3.8 (1.7)         | 11-1/2 (293)     | 5-5/8 (143)      |
| 58444        | .45 (336)    | 900       | 6 (152)            | 81 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 3.8 (1.7)         | 11-1/2 (293)     | 5-5/8 (143)      |
| 58445        | .45 (336)    | 900       | 8 (203)            | 82 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 3.9 (1.8)         | 12-1/2 (319)     | 5-9/16 (142)     |
| 58446        | .45 (336)    | 900       | 8 (203)            | 82 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 4.3 (2.0)         | 12-1/2 (319)     | 5-9/16 (142)     |

**Tune-Up Kit: No. 98221** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Gear-Driven Sanders

**Air-Powered, 11" Diameter**

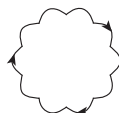


**SANDING PADS**  
PAGE 235

**ACCESSORIES**  
PAGE 222

## Cover More Area in Less Time!

- Powerful .45 hp air motor runs at 900 RPM, for aggressive material removal.
- Extra-large 11" sanding area allows operator to cover more area in less time, leveling substrates and removing filler material with ease and efficiency.
- Useful for fabricators of large solid surface pieces, composite materials and more.
- Unique "epicycloidal" pad motion generates torque-enhanced power, for consistent material removal.
- Tool features long handle design for easy two-handed control. Operator comfort is enhanced, especially when working in vertical positions.
- Includes weight-mated sanding pad for reduced vibration levels.
- Speed control lever is conveniently located for easy thumb adjustment.
- Insulated tool housing reduces cold air transmission to the hand.
- Safety-lock throttle lever prevents accidental start-up of tool.



**Epicycloidal Motion**  
Gear-Driven Sanders  
(All models on page)

### Non-Vacuum

#### Model 58040 11" Diameter

- For use with non-vacuum abrasive discs.
- Includes 56231 Hook-Face sanding pad, for abrasive discs 11-1/4" (286 mm) in diameter.

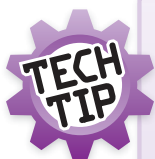
**See page 235  
for Dynabrade  
High-Quality  
Sanding Pads!**



### Central Vacuum

#### Model 58041 11" Diameter

- For use with "O" style abrasive discs, which allow dust to be drawn up through pad holes.
- Includes 56231 Hook-Face sanding pad, for abrasive discs 11-1/4" in diameter.
- Vacuum shroud has 1-1/4" diameter port, for connection to external vacuum system.



11" Gear-Driven Sanders each include 56231 Hook-Face Sanding Pad with 5 vacuum holes. When attaching a non-vacuum (solid) abrasive disc, the pad holes are covered by the abrasive, for non-vacuum use. When attaching a vacuum ("O" style) abrasive disc, the pad holes remain exposed, allowing dust to be drawn up through the pad holes (see page 235).



| Model Number | Motor hp (W) | Motor RPM | Pad Dia. Inch (mm) | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 58040        | .45 (336)    | 900       | 11 (279)           | 83 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5.0 (2.3)         | 14-3/32 (358)    | 5-10/16 (143)    |
| 58041        | .45 (336)    | 900       | 11 (279)           | 83 dB(A)    | 23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 5.5 (2.5)         | 14-3/32 (358)    | 5-10/16 (143)    |

**Tune-Up Kit: No. 98576** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Dynafine® Detail Sander

## Air-Powered Finishing Sander



**SANDING PADS**  
PAGE 236

**ACCESSORIES**  
PAGE 222

### Excellent for Use in Tight Corners

- Excellent for cleaning wood edges and corners.
- Ideal for use on furniture, shutters, moldings, door jambs, metal parts and much more.
- Features 1/32" dia. orbital action for superior finishes.
- Handle is offset 7° for greater operator comfort and control.
- Uses Hook-Face and PSA (adhesive-backed) coated, non-woven nylon and sponge abrasives.



**Orbital Motion**  
(All models on page)

**FOR TEAR-DROP DISCS**  
3-3/4" x 2-3/8" (95 mm x 60 mm)  
**FOR TRIANGULAR DISCS**  
2-7/8" x 3-1/8" (73 mm x 79 mm)  
*SEE PAGE 278*

### Non-Vacuum

#### Model 57900

- Detail Sander includes triangular and tear-drop Hook-Face pads; also includes 94407 Flow-Control Dynaswivel®.

#### 57910 Versatility Kit

- Includes 57900 tool with Hook-Face and PSA (adhesive-backed) pads, 94407 Flow-Control Dynaswivel® (not shown) and an assortment of coated and non-woven nylon abrasives.



Model 58017



Model 57900

### Self-Generated Vacuum

#### Model 58015

- Utilizes tool's exhaust to create strong vacuum suction.
- 1" (25 mm) diameter vacuum port ready for connection to optional portable self-contained dust collection system (such as 50617 Flex-Hose System, sold separately).

*See page 236 for  
Dynabrade Sanding Pads!*



Model 58015

Portable Dust Collection System  
(Optional - See Page 219)

### Central Vacuum

#### Model 58017

- 1-1/4" (32 mm) diameter vacuum port ready for connection to external or central vacuum system.
- Includes Conductive Hose and Cuffs to shield operator from electrostatic discharge (ESD).



**WATCH the  
Dynafine®  
at Work!**



Model 58017

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Air Pressure PSIG (Bar) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------------|-------------------|------------------|------------------|
| 57900        | .12 (89)     | 13,000    | 65 dB(A)    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.6 (.7)          | 9 (229)          | 3-3/4 (95)       |
| 58015        | .12 (89)     | 15,000    | 88 dB(A)    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.8 (.8)          | 9 (229)          | 4 (102)          |
| 58017        | .12 (89)     | 15,000    | 85 dB(A)    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 90 (6.2)                | 1.8 (.8)          | 9 (229)          | 4 (102)          |

Tune-Up Kit: No. 96236 (page 267)



# “Backsplash” Sander

## Air-Powered Dynafine® Finishing Sander



**SANDING PADS**  
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**ACCESSORIES**  
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### A Must for All Solid Surface Fabricators

#### Model 58000

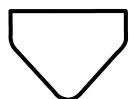
- Excellent for fabricating solid surface covered backsplashes; ideal for cleaning metal edges and corners.
- Includes 58021 and 58024 Backsplash Pads, shown below.
- Air motor features 1/32" diameter orbital action for achieving a superior finish.
- Lightweight tool of only 1.6 lbs!
- Low profile housing allows easy access in hard-to-reach areas. Handle is offset 7° for greater operator comfort and control.
- Includes 94407 Dynaswivel® with fingertip air-flow control dial.

#### 58010 Versatility Kit

- Includes tool with all five sanding pads shown below and an assortment of PSA (adhesive-backed) abrasives.

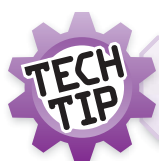
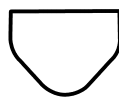
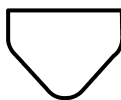
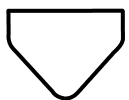
#### Standard Sanding Pads *(Included with Tool)*

- **58021**  
3/8" Radius
- **58024**  
3/4" Reverse Radius



#### Optional Sanding Pads *(Sold Separately)*

- **58020**  
1/4" Radius
- **58022**  
1/2" Radius
- **58023**  
5/8" Radius



For optimum performance, use Dynafine® “Backsplash” Sander with 95676 Coupler/Plug Assembly (see page 228).



Orbital Motion



Dynafine® “Backsplash” Sander powers 58021 Sanding Pad (included), for finishing within coved backsplash.



Sander powers 58024 Pad (included) for use on a radiused surface.

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 58000        | .12 (89)     | 13,000    | 65 dB(A)    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 1.6 (.7)          | 9 (229)          | 3-3/4 (95)       |

Tune-Up Kit: No. 96236 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Dynafine® Finger Sander

## Air-Powered Finishing Sander



DYNAJET  
PAGE 224

ACCESSORIES  
PAGE 222

*Excellent for Use in Hard-to-Reach Areas*

### Model 57930

- Ideal for use on wood, varnished surfaces, plastic, composites, painted surfaces, metal and more!
- Tool includes 57932 Offset Sanding Arm (with 1/8" thick sponge platen), 94407 Flow-Control Dynaswivel® (not shown) and an assortment of abrasives.
- Handle is offset 7° for greater operator comfort and control.
- 1/32" dia. orbital action for fine finishes.

FOR ABRASIVE STRIPS  
3/8" x 2" (10 mm x 51 mm)  
3/4" x 2" (19 mm x 51 mm)  
SEE PAGE 286



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 57930        | .12 (89)     | 15,000    | 65 dB(A)    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 1.6 (.7)          | 11-3/4 (298)     | 4 (102)          |

Tune-Up Kit: No. 96236 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Raised Panel Sander

## Air-Powered Dynafine® Finishing Sander



SANDING PADS  
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*Perfect for Sanding Raised Panels and Linear Profiles*

### Model 57906

- 57906 Dynafine® includes 57956 Raised Panel Pad (4" long x 3/4" wide), with unique angled edges for sanding in tight corners and on raised panel edges.
- 57956 Raised Panel Pad is a premium urethane, medium density Hook-Face pad (1/2" thick), which accepts both coated abrasive and non-woven nylon sheets.
- Excellent for sanding raised panels and linear profiles. Also ideal for use on furniture, shutters, moldings and more.

FOR ABRASIVE SHEETS  
4" x 3/4" (102 mm x 19 mm)  
SEE PAGE 278



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 57906        | .12 (89)     | 13,000    | 65 dB(A)    | 20 (566)                      | 1/4 (6)                  | 1/4" NPT         | 1.6 (.7)          | 9 (229)          | 3-3/4 (95)       |

Tune-Up Kit: No. 96236 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Dynabug® “Model T”

## Air-Powered Orbital Finishing Sander



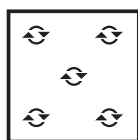
**SANDING PADS**  
PAGE 237

**COUPLER/PLUG**  
PAGE 222

### Featheredge, Finish, Sand and Blend

- 3/32" diameter orbital action is ideal for fine finishes.
- Lightweight... only 1 lb.! Palm-style, ergonomic design features low profile grip for greater operator comfort and control.
- Operates 9 SCFM at 90 PSIG. Can be run by as little as 3 horsepower compressor.
- Low maintenance – easy to repair. Turbine-style vaneless air motor needs no oil!
- Easily interchangeable sanding pads. Accepts reattachable and PSA (adhesive-backed) abrasive sheets and discs; coated and non-woven nylon.
- Each model includes 95955 Urethane Inlet Hose.

**FOR ABRASIVE SHEETS**  
4-1/2" x 5-1/2" (114 mm x 140 mm)  
4-1/4" x 4-1/2" (108 mm x 114 mm)  
**FOR ABRASIVE DISCS**  
5", 6" (127 mm, 152 mm)  
*SEE PAGE 269*



**Orbital Motion**

### Non-Vacuum

#### Model 57920 4" x 4-5/16" Pad (with clips)

- Includes 57999 Vinyl-Face Pad.

#### Model 57923 4-1/4" x 4-1/2" “Quarter-Sheet” Pad

- Includes 57998 Hook-Face Pad.

#### Model 57925 4-1/4" x 4-1/2" “Quarter-Sheet” Pad

- Includes 56244 Vinyl-Face Pad.



Model 57923

*See page 237  
for Dynabrade  
Sanding Pads!*



*Equipped with  
96455 Urethane  
Inlet Hose*



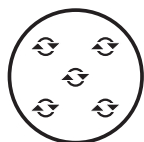
Model 57922

#### Model 57922 5" Diameter

- Includes 56249 Vinyl-Face Pad.

#### Model 57924 5" Diameter

- Includes 56248 Hook-Face Pad.



**Orbital Motion**



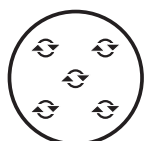
Model 57926

#### Model 57926 6" Diameter

- Includes 56269 Vinyl-Face Pad.

#### Model 57927 6" Diameter

- Includes 56268 Hook-Face Pad.



**Orbital Motion**

| Model Number | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 57920        | 20,000    | 68 dB(A)    | 9 (255)                       | 1/4 (6)                  | 1/4" NPT         | 1 (.45)           | 5 (127)          | 3 (76)           |
| 57923        | 20,000    | 68 dB(A)    | 9 (255)                       | 1/4 (6)                  | 1/4" NPT         | 1 (.5)            | 5-1/2 (140)      | 3 (76)           |
| 57925        | 20,000    | 68 dB(A)    | 9 (255)                       | 1/4 (6)                  | 1/4" NPT         | 1 (.5)            | 5 (127)          | 3 (76)           |
| 57922        | 20,000    | 68 dB(A)    | 9 (255)                       | 1/4 (6)                  | 1/4" NPT         | 1 (.5)            | 5-1/2 (140)      | 3 (76)           |
| 57924        | 20,000    | 68 dB(A)    | 9 (255)                       | 1/4 (6)                  | 1/4" NPT         | 1 (.5)            | 5-1/2 (140)      | 3 (76)           |
| 57926        | 20,000    | 68 dB(A)    | 9 (255)                       | 1/4 (6)                  | 1/4" NPT         | 1 (.5)            | 5 (127)          | 3 (76)           |
| 57927        | 20,000    | 68 dB(A)    | 9 (255)                       | 1/4 (6)                  | 1/4" NPT         | 1 (.5)            | 5 (127)          | 3 (76)           |

**Tune-Up Kit: No. 96169** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Dynabug® “Model T”

## Orbital Finishing Sander – Vacuum Models



**SANDING PADS**  
PAGE 237

**COUPLER/PLUG**  
PAGE 222

### Featheredge, Finish, Sand and Blend

- 3/32" diameter orbital action is ideal for fine finishes.
- 1" outside diameter vacuum port for easy vacuum connection.
- All models include 4-1/4" x 4-1/2" “Quarter-Sheet” Pad.

### Self-Generated Vacuum

- Connects to optional portable self-contained dust collection systems (see page 219).

#### Model 58070

- Includes 56286 Vinyl-Face Vacuum Pad.

#### Model 58075

- Includes 56285 Hook-Face Vacuum Pad.

### Central Vacuum

- Ready for connection to external or central vacuum system.

#### Model 57928

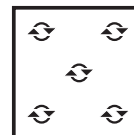
- Includes 56286 Vinyl-Face Vacuum Pad.

#### Model 57929

- Includes 56285 Hook-Face Vacuum Pad.



Model 57928



**Orbital Motion**



Portable Dust Collection System  
(Optional - See Page 219)



(All Vacuum models)

| Model Number | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 58070        | 16,000    | 82 dB(A)    | 17 (481)                      | 1/4 (6)                  | 1/4" NPT         | 1.5 (0.7)         | 8 (203)          | 4 (102)          |
| 58075        | 16,000    | 82 dB(A)    | 17 (481)                      | 1/4 (6)                  | 1/4" NPT         | 1.5 (0.7)         | 8 (203)          | 4 (102)          |
| 57928        | 20,000    | 73 dB(A)    | 9 (255)                       | 1/4 (6)                  | 1/4" NPT         | 1 (.5)            | 5 (127)          | 3 (76)           |
| 57929        | 20,000    | 73 dB(A)    | 9 (255)                       | 1/4 (6)                  | 1/4" NPT         | 1 (.5)            | 5 (127)          | 3 (76)           |

**Tune-Up Kit: No. 96169** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Wet Dynabug® “Model T”

## Turbine Air-Powered Orbital Sander

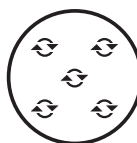


**SANDING PADS**  
PAGE 237

**WET TANK**  
PAGE 255

### Excellent on Primer and Clearcoat

- Each model includes all hardware for self-siphoning with 20 ft. of water hose. Brass weight drops into bucket for ease of use.
- Up to 3/16" diameter orbital action, with adjustable speed control.
- Our unique water feed “through-the-pad” design allows use of standard round wet paper with holes. No special sand paper or hole punch needed!
- Fingertip control valve allows for precise water flow.



**Orbital Motion**

#### Model 57908 5" Diameter

- Includes 58086 Hook-Face Pad and soft 53978 Interface Pad for contours.

#### Model 57909 6" Diameter

- Includes 58093 Hook-Face Pad and soft 53980 Interface Pad for contours.



Model 57908

**FOR ABRASIVE DISCS**  
5" (127 mm), 6" (152 mm)  
diameter  
SEE PAGE 275

| Model Number | Motor RPM | Pad Dia. Inch (mm) | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|-----------|--------------------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 57908        | 20,000    | 5 (127)            | 76 dB(A)    | 17 (481)                      | 1/4 (6)                  | 1/4" NPT         | 1.5 (0.7)         | 8 (203)          | 4 (102)          |
| 57909        | 20,000    | 6 (152)            | 76 dB(A)    | 17 (481)                      | 1/4 (6)                  | 1/4" NPT         | 1.5 (0.7)         | 8 (203)          | 4 (102)          |

**Tune-Up Kit: No. 96169** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Dynabug® Sander

## Air-Powered "Jitter-Bug" Type Orbital



**SANDING PADS**  
PAGE 237

**BALL-SWIVEL PLUG**  
PAGE 223

**ACCESSORIES**  
PAGE 222

**DYNAJET**  
PAGE 224

### Featheredge, Finish, Sand and Blend

- Precise 3/32" orbital motion is ideal for achieving a controlled, ultra-fine finish on a variety of surfaces.
- 3/16" orbital motion is available for general sanding applications.
- Powerful air motor utilizes 16 SCFM at 90 PSIG.
- Tools have heavy-duty clips to accept traditional 3-2/3" x 9" abrasive sheets (rolls also available).
- Comfort platform provides additional hand and wrist support.

**Includes Comfort Platform**  
(All models on page)



**Orbital Motion**  
(All models on page)

**FOR ABRASIVE SHEETS**  
3-2/3" x 9" (93 mm x 229 mm)  
3-2/3" x 7" (93 mm x 178 mm)  
Also Abrasive Rolls  
**SEE PAGE 277**

Model  
57814

### Non-Vacuum

- Includes premium 57850 Vinyl-Face Sanding Pad, 3-2/3" x 7".

**Model 57810** 3/32" Dia. Orbit

**Model 57800** 3/16" Dia. Orbit

Model  
57810

**See page 237**  
**for Dynabrade**  
**Sanding Pads!**

### Self-Generated Vacuum

- Ready for connection to optional portable self-contained dust collection systems.
- Includes premium 57855 Vinyl-Face Sanding Pad for PSA (abrasive-backed) abrasives.

**Model 57811** 3/32" Dia. Orbit

**Model 57801** 3/16" Dia. Orbit

Portable Dust Collection System  
(Optional - See Page 219)

Model  
57811

### Central Vacuum

- Has 1" outside diameter vacuum port for easy central vacuum hose hook-up.
- Includes premium 57855 Vinyl-Face Sanding Pad for PSA (abrasive-backed) abrasives.

**Model 57814** 3/32" Dia. Orbit

**Model 57804** 3/16" Dia. Orbit

Model  
57814



**WATCH Tool**  
**at Work!**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 57800        | .24 (179)    | 8,000     | 79 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 2.8 (1.3)         | 7-1/4 (184)      | 4-1/4 (108)      |
| 57801        | .24 (179)    | 8,000     | 76 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 2.8 (1.3)         | 7-1/4 (184)      | 4-1/4 (108)      |
| 57804        | .24 (179)    | 8,000     | 80 dB(A)    | 16 (453)                      | 1/4 (6)                  | 1/4" NPT         | 2.8 (1.3)         | 7-1/4 (184)      | 4-1/4 (108)      |
| 57810        | .28 (209)    | 10,000    | 77 dB(A)    | 18 (510)                      | 1/4 (6)                  | 1/4" NPT         | 2.8 (1.3)         | 7-1/4 (184)      | 4-1/4 (108)      |
| 57811        | .28 (209)    | 10,000    | 74 dB(A)    | 18 (510)                      | 1/4 (6)                  | 1/4" NPT         | 2.6 (1.2)         | 7-1/4 (184)      | 4-1/4 (108)      |
| 57814        | .28 (209)    | 10,000    | 81 dB(A)    | 18 (510)                      | 1/4 (6)                  | 1/4" NPT         | 2.6 (1.2)         | 7-1/4 (184)      | 4-1/4 (108)      |

**Tune-Up Kit: No. 96024** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Dynabug® II

## Air-Powered Orbital Finishing Sander



**SANDING PADS**  
PAGE 237

**BALL-SWIVEL PLUG**  
PAGE 223

**ACCESSORIES**  
PAGE 222

**DYNAJET**  
PAGE 224

### Featheredge, Finish, Sand and Blend

- Powerful .15 hp (112 W), 10,000 RPM air motor. Utilizes just 13 SCFM (368 L/Min) at 90 PSIG (6.2 Bar).
- Precise 3/32" orbital motion is ideal for achieving a controlled, ultra-fine finish on a variety of surfaces.
- Compact size is ideal for all operators, including those with smaller hands.
- Engineered and tested to ensure less tool vibration than any competitive model!
- Lighter tool weight minimizes fatigue. Comfort Platform provides additional hand and wrist support. Perfect for vertical applications.
- Rectangular shape sands deep into corners, where round pads cannot reach.



**Orbital Motion**

(All models on page)

#### Non-Vacuum

#### Model 58500

- Includes 56315 Hook-Face Sanding Pad, 74 mm wide x 109 mm long (approximately 3" x 4-1/4"), for accepting optional Hook-Face abrasive sheets.

#### Model 58503

- Includes 56317 Hook-Face Sanding Pad, 80 mm wide x 130 mm long (approximately 3-1/4" x 5"), for accepting optional Hook-Face abrasive sheets.

#### Model 58509

- Includes 56355 Vinyl-Face Sanding Pad, 74 mm wide x 109 mm long (approximately 3" x 4-1/4").

*Includes Comfort Platform  
(All Dynabug® II models)*

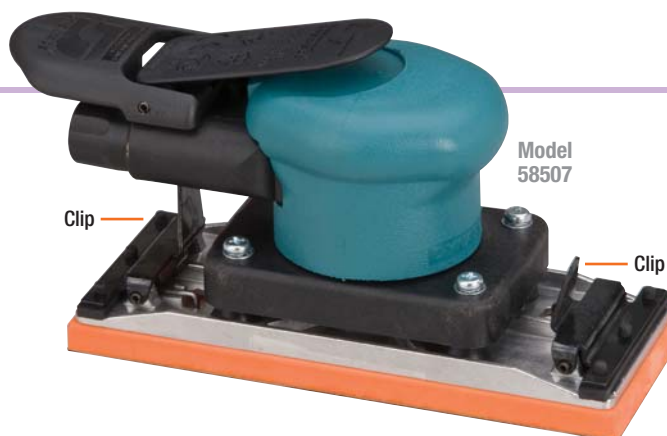


Model  
58503



Model  
58500

*See page 237  
for Dynabrade  
Sanding Pads!*



Model  
58507

Clip

Clip

#### Model 58507 with Heavy-Duty Clips

- Tool has specially designed pad base assembly with heavy-duty clips. Clips are designed for heavy-duty use, accepting up to four sheets at once. Ideal for high-production workplaces.
- Includes 56354 vinyl-face Sanding Pad, 68 mm wide by 175 mm long (approximately 2-3/4" x 7"). Weight-mated pad screws directly to pad base assembly.
- Accepts optional abrasive sheets cut from 70 mm (2-3/4") wide abrasive rolls. Four sheets of this width may also be cut from sheets 229 mm wide x 280 mm long (9" x 11").

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 58500        | .15 (112)    | 10,000    | 78 dB(A)    | 13 (368)                      | 1/4 (6)                  | 1/4" NPT         | 1.6 (.7)          | 5-3/4 (147)      | 3-1/2 (91)       |
| 58503        | .15 (112)    | 10,000    | 78 dB(A)    | 13 (368)                      | 1/4 (6)                  | 1/4" NPT         | 1.6 (.7)          | 6-1/4 (165)      | 3-1/2 (91)       |
| 58507        | .15 (112)    | 10,000    | 79 dB(A)    | 13 (368)                      | 1/4 (6)                  | 1/4" NPT         | 2.1 (.95)         | 7-1/16 (180)     | 3-3/4 (94)       |
| 58509        | .15 (112)    | 10,000    | 78 dB(A)    | 13 (368)                      | 1/4 (6)                  | 1/4" NPT         | 1.6 (.7)          | 5-3/4 (147)      | 3-1/2 (91)       |

**Tune-Up Kit: No. 98222** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Dynabug® II

## Air-Powered Orbital Finishing Sander



**SANDING PADS**  
PAGE 237

**BALL-SWIVEL PLUG**  
PAGE 223

**ACCESSORIES**  
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**DYNAJET**  
PAGE 224

### Featheredge, Finish, Sand and Blend

- Precise 3/32" orbital motion is ideal for achieving a controlled, ultra-fine finish on a variety of surfaces.
- Compact size is ideal for all operators, including those with smaller hands.
- Lighter tool weight minimizes fatigue. Comfort Platform provides additional hand and wrist support. Perfect for vertical applications.



**Orbital Motion**  
(All models on page)

**See page 237  
for Dynabrade  
Sanding Pads!**

**FOR ABRASIVE SHEETS**  
75 mm x 110 mm (3" x 4-1/4")  
81 mm x 133 mm (3" x 5-1/4")  
100 mm x 148 mm (4" x 5-3/4")  
**SEE PAGE 277**

**Model  
58502**

### Self-Generated Vacuum

- Self-Generated Vacuum models vacuum through the tool's exhaust. Tool has 1" outside diameter vacuum port, ready for connection to optional dust collection systems. Includes Hook-Face sanding pad, for optional Hook-Face vacuum abrasive sheets.

#### Model 58501

- Includes 56316 Vacuum Sanding Pad, 74 mm wide x 109 mm long (approximately 3" x 4-1/4").

#### Model 58504

- Includes 56319 Vacuum Sanding Pad, 80 mm wide x 130 mm long (approximately 3-1/4" x 5"), with eight vacuum holes.



**Portable Dust Collection System**  
(Optional - See Page 219)

**Model  
58501**

### Central Vacuum

- Central Vacuum models have 1" outside diameter vacuum port, ready for connection to external vacuum source. Includes Hook-Face sanding pad, for optional Hook-Face vacuum abrasive sheets.

#### Model 58502

- Includes 56316 Vacuum Sanding Pad, 74 mm wide by 109 mm long (approximately 3" x 4-1/4").

#### Model 58505

- Includes 56319 Vacuum Sanding Pad, 80 mm wide by 130 mm long (approximately 3-1/4" x 5"), with eight vacuum holes.

#### Model 58506 "Delta Style"

- Includes 56323 "Delta Style" Vacuum Sanding Pad, 99 mm wide (at wider end) by 143 mm long (approximately 4" x 5-3/4"), with seven vacuum holes. Unique pad has curved edges for sanding rounded areas, and pointed tip for reaching into tight corners.



**Model  
58502**

**Model 58506  
"Delta Style"**



**56323  
"Delta Style"  
Pad**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 58501        | .15 (112)    | 10,000    | 75 dB(A)    | 13 (368)                      | 1/4 (6)                  | 1/4" NPT         | 1.7 (.75)         | 8-1/4 (212)      | 3-1/2 (91)       |
| 58502        | .15 (112)    | 10,000    | 81 dB(A)    | 13 (368)                      | 1/4 (6)                  | 1/4" NPT         | 1.6 (.7)          | 7 (180)          | 3-1/2 (91)       |
| 58504        | .15 (112)    | 10,000    | 75 dB(A)    | 13 (368)                      | 1/4 (6)                  | 1/4" NPT         | 1.7 (.75)         | 8-3/4 (222)      | 3-3/4 (94)       |
| 58505        | .15 (112)    | 10,000    | 81 dB(A)    | 13 (368)                      | 1/4 (6)                  | 1/4" NPT         | 1.6 (.7)          | 7-1/2 (190)      | 3-1/2 (91)       |
| 58506        | .15 (112)    | 10,000    | 81 dB(A)    | 13 (368)                      | 1/4 (6)                  | 1/4" NPT         | 1.6 (.7)          | 8-3/4 (222)      | 3-1/2 (91)       |

**Tune-Up Kit: No. 98222** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Dynaline Sander

## Air-Powered In-Line Finishing Sander



**SANDING PADS**  
PAGE 235

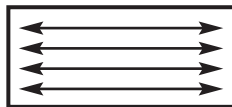
**BALL-SWIVEL PLUG**  
PAGE 223

**ACCESSORIES**  
PAGE 222

**DYNAJET**  
PAGE 224

### Great on Wood, Composites & Solid Surfaces

- 2,400 strokes per minute at 90 PSIG (6.2 Bar).
- Uses adhesive-backed coated and non-woven nylon sheets and rolls.
- Quality constructed pad is weight-mated to tool for low vibration, smooth operation and superior finishes.
- Comfort platform provides additional hand and wrist support.



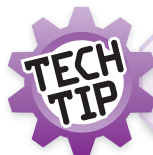
**In-Line Motion**  
(All models on page)

**FOR ABRASIVE SHEETS**  
2-3/4" x 8" (70 mm x 203 mm)  
**FOR ABRASIVE ROLLS**  
2-3/4" (203 mm) wide  
SEE PAGES 277, 286

### Non-Vacuum

#### Model 57400

- Includes 2-3/4" wide x 8" long vinyl-face non-vacuum Sanding Pad (57454).



Sanding Pad can be rotated 360° for adjusting to most efficient position per application.



Model 57400

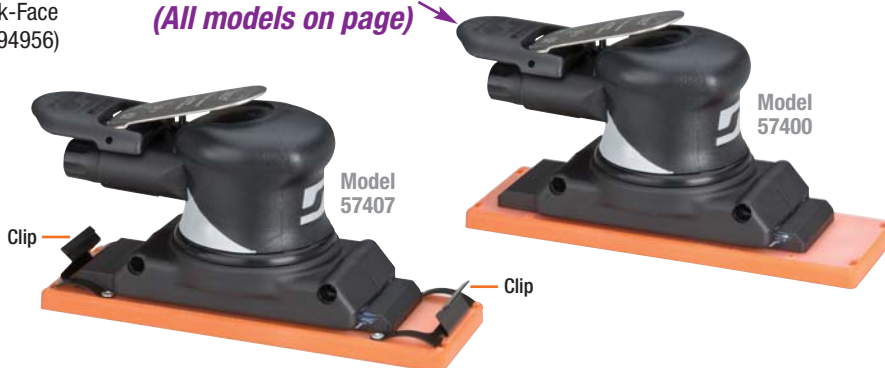
#### 57405 Versatility Kit

- Includes 57400 Dynaline; 57852 Sanding Pad (3-2/3" wide x 7" long premium urethane, long nap, Hook-Face pad); plus medium grade (94951) and very fine (94956) abrasive impregnated non-woven nylon sheets.

**Includes Comfort Platform**  
(All models on page)

#### Model 57407 with Clips

- Includes 2-3/4" wide x 8" long vinyl-face non-vacuum Sanding Pad with clips (57460).
- Accepts abrasives 2-3/4" wide x 11" long.
- Up to four abrasive sheets may be attached, ideal for high-production workplaces.



### Self-Generated Vacuum

#### Model 57401

- Includes 2-3/4" wide x 8" long vinyl-face, vacuum sanding pad (57455).
- Ready for connection to optional portable self-contained dust collection systems.



Portable Dust Collection System  
(Optional - See Page 219)

### Central Vacuum

#### Model 57404

- Includes 2-3/4" wide x 8" long vinyl-face, vacuum sanding pad (57455).
- Has 1" outside diameter vacuum port for easy central vacuum hose connection.

**See page 235 for Dynabrade Sanding Pads!**



Model 57404

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 57400        | .3 (186)     | 2,400     | 79 dB(A)    | 18 (510)                      | 1/4 (6)                  | 1/4" NPT         | 2.6 (1.2)         | 7 (178)          | 3-3/4 (95)       |
| 57401        | .3 (186)     | 2,400     | 79 dB(A)    | 18 (510)                      | 1/4 (6)                  | 1/4" NPT         | 2.6 (1.2)         | 7 (178)          | 3-3/4 (95)       |
| 57404        | .3 (186)     | 2,400     | 80 dB(A)    | 18 (510)                      | 1/4 (6)                  | 1/4" NPT         | 2.6 (1.2)         | 7 (178)          | 3-3/4 (95)       |
| 57407        | .3 (186)     | 2,400     | 79 dB(A)    | 18 (510)                      | 1/4 (6)                  | 1/4" NPT         | 2.6 (1.2)         | 7 (178)          | 3-3/4 (95)       |

**Tune-Up Kit: No. 96107** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 11" Long File Board Sander

## Air-Powered In-Line Finishing Sander



**SANDING PADS**  
PAGE 239

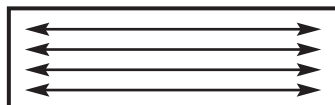
**ACCESSORIES**  
PAGE 222

*Ideal for Use on Wood, Metals, Composites and Solid Surfaces*

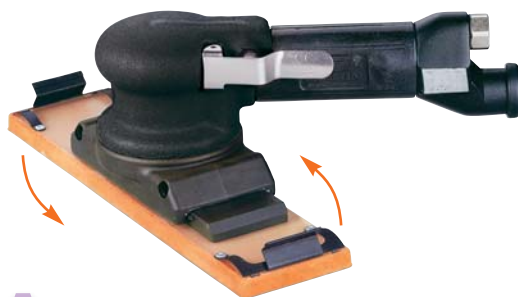
**FOR ABRASIVE ROLLS**  
2-3/4" (70 mm) wide  
SEE PAGE 286

### Model 51350

- File board excellent for industrial graining of stainless steel.
- Tool features high quality gear for smooth-running in-line sanding action.
- 2,400 strokes per minute. 3/8" (10 mm) long sanding stroke.
- For use with PSA (adhesive-backed) coated and non-woven sheets and rolls.
- Includes 2-3/4" wide x 11" long 57512 Premium Urethane PSA (adhesive-backed) Sanding Pad with clips.
- Also accepts 2-3/4" wide x 11" long pads without clips, and 2-3/4" wide x 8" long non-vacuum pads.



**In-Line Motion**



Sanding Pad can be rotated 360° for adjusting to most efficient position per application.



*Ultra-smooth in-line sanding action is ideal on wood.*

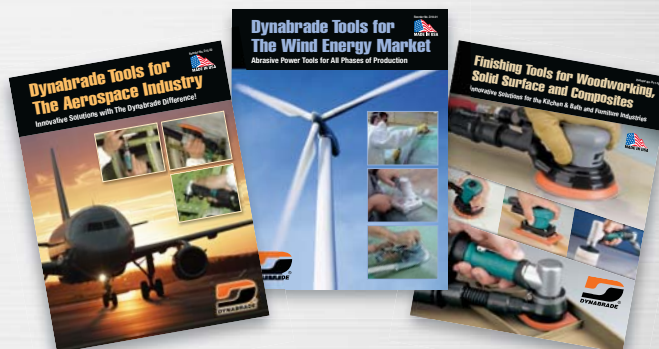
| Model Number | Motor hp (W) | Strokes Per Minute | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|--------------------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 51350        | .3 (186)     | 2,400              | 81 dB(A)    | 18 (510)                      | 1/4 (6)                  | 1/4" NPT         | 3.1 (1.4)         | 11 (279)         | 3-3/4 (95)       |

**Tune-Up Kit: No. 96531** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

## ***Dynabrade Industry Segment and Product Group Catalogs***

*Each catalog features **Dynabrade** tool information and applications specific to **key markets!***

- **Aerospace Industry** (D15.02)
- **Wood, Solid Surface & Composites** (D11.08)
- **Tools for Wind Energy Market** (D10.01)
- **Vacuum Tools & Accessories** (D09.18)
- **"D3" Random Orbital Sanders** (D09.08R)



*See complete Literature Library at*  
***Dynabrade.com!***

# Right Angle Denibber

## Mini-Orbital Finishing Sander



**SANDING PADS**  
PAGE 241

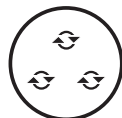
**DYNASWIVEL®**  
PAGE 223

**ACCESSORIES**  
PAGE 222

**COUPLER/PLUG**  
PAGE 228

### For Quick, Efficient Repair of Dust Nibs and Defects

- Ideal for use on gelcoat and clearcoat paint systems, plus finesse sanding of small areas.
- Precise 1/8" orbital action minimizes swirl marks.
- Lightweight design for operator comfort.
- Front and rear exhaust models available.
- Each model includes 95848 Gear Oil and 95541 Push-Type Gun, for lubricating tool gears through "dual wick" system. Increasing gear life extends the life of your tool!
- Optional safety-lock throttle lever is available (included in some regions).



**Orbital Motion**  
(All models on page)

*58037 Right Angle Denibber is ideal for quick spot repair.*



Model 58037



Model 58039

### Model 58037 *Front Exhaust*

### Model 58039 *Rear Exhaust*

- Each model runs at 12,000 RPM and includes 1-1/4" diameter rubber sanding pad (54018). Also accepts optional sanding pads 54017, 54084 and 54088 (see page 241).

### Model 58038 *Front Exhaust*

### Model 58034 *Rear Exhaust*

- Each model runs at 12,000 RPM and includes 1-1/4" diameter locking-type foam-face sanding pad (54031). Also accepts optional 54033 locking-type sanding pad (see page 241).



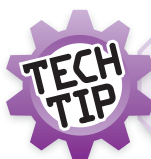
Model 58038

### Model 58035 *Front Exhaust*

- Tool runs at 15,000 RPM and includes 1-1/4" diameter vinyl-face sanding pad (54088). Also accepts optional sanding pads 54087 and 54088 (see page 241).



58035 Denibber shown with optional 95745 Speed Control.



Denibber's precise 1/8" orbital action is effective for dry and wet applications (with water from an outside source).

| Model Number | Exhaust | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Orbit Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|---------|--------------|-----------|-------------|-------------------------------|--------------------------|-----------------|------------------|-------------------|------------------|------------------|
| 58034        | Rear    | .4 (298)     | 12,000    | 79 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/8 (3)         | 1/4" NPT         | 1.4 (0.6)         | 7.5 (190)        | 4 (102)          |
| 58035        | Front   | .4 (298)     | 15,000    | 85 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/8 (3)         | 1/4" NPT         | 1.6 (0.7)         | 5.4 (137)        | 3.8 (97)         |
| 58037        | Front   | .4 (298)     | 12,000    | 85 dB(A)    | 20 (566)                      | 1/4 (6)                  | 1/8 (3)         | 1/4" NPT         | 1.6 (0.7)         | 5.4 (137)        | 3.8 (97)         |
| 58038        | Front   | .4 (298)     | 12,000    | 85 dB(A)    | 20 (566)                      | 1/4 (6)                  | 1/8 (3)         | 1/4" NPT         | 1.6 (0.7)         | 5.4 (137)        | 4 (102)          |
| 58039        | Rear    | .4 (298)     | 12,000    | 79 dB(A)    | 21 (595)                      | 1/4 (6)                  | 1/8 (3)         | 1/4" NPT         | 1.4 (0.6)         | 7.5 (190)        | 3.8 (97)         |

**Tune-Up Kit: No. 96179** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Dynabrade Systems & Solutions

For Gear-Driven & Finishing Sanders – Suggested Tool/Accessory Combinations



| TOOL   | ABRASIVE  | ACCESSORIES  |   |
|--|---|--|---|
| <b>DynaLocke® Dual-Action Sander</b><br><b>Model 58430</b><br><i>Two-Hand, Non-Vacuum</i><br><b>12,000 RPM</b><br>Page 166 | <b>5" Dia. Abrasive Discs</b><br><b>Non-Vacuum</b><br>Page 275                          | <b>Backup Pad</b><br><b>54326</b><br><i>Non-Vacuum</i><br>Page 231 | <b>Tune-Up Kit</b><br><b>98220</b><br>Page 267                    |
| <b>Gear-Driven Sander</b><br><b>Model 58446</b><br><i>Two-Hand, Central Vacuum</i><br><b>900 RPM</b><br>Page 168           | <b>8" Dia. Abrasive Discs</b><br><b>Vacuum</b><br>Page 275                              | <b>Backup Pad</b><br><b>56235</b><br><i>Vacuum</i><br>Page 234     | <b>Grease &amp; Grease Gun</b><br><b>95542, 95541</b><br>Page 254 |
| <b>Dynafine® Detail Sander</b><br><b>Model 57900</b><br><i>7" Offset, 13,000 RPM, .12 hp</i><br>Page 170                   | <b>Triangular &amp; Tear-Drop Abrasives</b><br><b>Non-Vacuum and Vacuum</b><br>Page 278 | <b>Triangular &amp; Tear-Drop Pads</b><br>Page 236                 | <b>Raised Panel Pad Kit</b><br><b>57905</b><br>Page 236           |
| <b>Dynabug® Orbital Sander</b><br><b>Model 57810</b><br><i>Non-Vacuum</i><br><b>10,000 RPM, .24 hp</b><br>Page 175         | <b>Abrasive Sheets</b><br><b>Non-Vacuum</b><br>Page 277                                 | <b>Backup Pad</b><br><b>57850</b><br>Page 237                      | <b>DynaJet Blow Gun</b><br><b>94467</b><br>Page 224               |
| <b>Dynabug® II Orbital Sander</b><br><b>Model 58500</b><br><i>Non-Vacuum</i><br><b>10,000 RPM, .15 hp</b><br>Page 176      | <b>Abrasive Sheets</b><br><b>Non-Vacuum</b><br>Page 277                                 | <b>Backup Pad</b><br><b>56315</b><br>Page 237                      | <b>Ball-Swivel Plug</b><br><b>97016</b><br>Page 223               |

## ESSENTIAL ACCESSORIES

|   |   |  |  |   |
|---|---|--|--|---|
| <b>Metal Capture Downdraft Station</b><br><b>64350</b> Page 208 | <b>Air Lube (10W/NR)</b><br><b>95842</b> Page 254 | <b>Dynüba 100</b><br><b>60005</b> Page 254 | <b>Dynaswivel®</b><br><b>94300</b> Page 223                    | <b>Filter-Regulator-Lubricator</b><br><b>10681</b> Page 224       |
|   |   |  |  |   |
|   |   | <b>Dynüba 26</b><br><b>60020</b> Page 254  | <b>Coupler/Plug Assemblies</b><br><b>95676, 97572</b> Page 228 | <b>Air Hose Assemblies</b><br><b>94863, 94852, 94892</b> Page 225 |
|   |   |  |  |   |



# ***DYNABRADE RED TOOLS***

|                           |     |                                   |     |
|---------------------------|-----|-----------------------------------|-----|
| DynaZip Air Tool .....    | 183 | Impact Wrench .....               | 186 |
| Auto File II .....        | 184 | Right Angle Buffers .....         | 187 |
| Disc Sanders.....         | 184 | Pistol Grip Buffer .....          | 188 |
| Die Grinders .....        | 185 | Dual-Piston Sander .....          | 188 |
| Cut-Off Wheel Tools ..... | 186 | RED-TRED® Eraser Disc Tools ..... | 189 |



*The name Dynabrade Red identifies a separate line of tools targeted at the value-minded professional. These portable air tools are designed for workplaces with non high-production applications. As such, Dynabrade Red tools carry the following six-month warranty:*

Following the reasonable assumption that any inherent defect which might prevail in a product will become apparent to the user within 6 months from the date of purchase, "Dynabrade Red" tools are warranted against defects in workmanship and materials under normal use and service. We shall, at our option, repair or replace at our factory, any "Dynabrade Red" tool which shall, within 6 months after delivery to the original purchaser, indicate upon our examination to have been defective. Our obligation is contingent upon proper use of "Dynabrade Red" tools in accordance with factory recommendations, instructions and safety practices. The warranty shall not apply in these cases: Normally wearable parts such as bearings, rotor blades, etc. Consumables such as sanding pads, etc. Misuse, neglect in maintaining tool or tool modification. Lack of lubrication or evidence of rust, dirt or corrosion. Tools requiring normal tune-up or cleaning. Tools being used after they are badly worn such as using ratchet with worn yoke. Ratchet anvils damaged by excessive hand torquing. Use in production-type applications. Products, to be considered for warranty, must be sent back to our factory, transportation prepaid by user. Please send tool back to attention "Repair Department" with note fully explaining the nature of the problem along with a copy of original invoice indicating model and serial number. Return product to: Dynabrade, Inc., Attn. Repair Department, 8989 Sheridan Drive, Clarence, NY 14031-1419.



# DynaZip Air Tool

## Surface Preparation Tool, 4" Diameter



**DYNASWIVEL®**  
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**ACCESSORIES**  
PAGE 222

### Portable Air Tools for the Value-Minded Professional

- Excellent power for effectively removing seam sealer and paint.
- DynaZip tool outperforms conventional spiral-wound wheels without clogging.
- Tool duplicates sand-blasting effect without surface fatigue.

#### Model 18255 *DynaZip Tool with Wire Wheel*

- Tool with wheel guard and handle. Also includes 92245 Wire Wheel (4" dia. x 3/4" wide) and 92284 Hub Assembly. (Hub Assembly includes bolt, hub shield, hub cushion and drive plates for mounting either Wire Wheel or Eraser Wheel.)

#### Model 18253 *DynaZip Tool Only*

- Tool with wheel guard and handle only; no accessories.



#### Model 18258 *DynaZip Eraser Tool*

- Tool with wheel guard and handle. Also includes 92255 Eraser Wheel (4" dia. x 1-3/16" wide) and 92284 Hub Assembly. (Hub Assembly includes bolt, hub shield, hub cushion and drive plates for mounting either Wire Wheel or Eraser Wheel.)
- Excellent for removing two-sided adhesive molding tape and decal material.
- Eraser Wheel has serrations for improved cooling effect air flow. Also resists heat buildup and reduces "jumping" and vibration.



**WATCH Tool  
at Work!**



#### Model 18256 *DynaZip Versatility Kit*

- 18255 DynaZip Tool
- 92244 Coarse Wire Wheel (1/2" wire bristle width x 3/4" wide band)
- 92245 Coarse Wire Wheel (3/4" wire bristle width x 3/4" wide band)
- 92255 Eraser Wheel
- 92284 Wheel Hub Assembly – 3/4"
- 92252 Wheel Hub Assembly – 1/2"



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 18255        | .4 (298)     | 3,200     | 87 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 1/4"-20 Male   | 2.5 (1.1)         | 12 (305)         | 5-1/2 (140)      |
| 18258        | .4 (298)     | 3,200     | 87 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 1/4"-20 Male   | 2.5 (1.1)         | 12 (305)         | 5-1/2 (140)      |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Auto File II

## Multi-Purpose Abrasive Belt Tool



**COUPLER/PLUG**  
PAGE 228

**ACCESSORIES**  
PAGE 222

### Portable Air Tools for the Value-Minded Professional

#### Model 18100 For 18" Long Belts

- Excellent multi-purpose tool for grinding sharp metal edges, rusted bolts, welds, etc. Effective for blending, scuffing grooves and contours.
- Tool includes 11203 Contact Arm for coated abrasive and non-woven nylon belts, 1/2" wide by 18" long.
- Will also run belts 3/4" wide by 18" long. (See page 14 for full array of compatible Contact Arms.)

#### Model 18101 For 20-1/2" Long Belts

- Tool includes 11287 Contact Arm for coated abrasive and non-woven nylon belts, 5/8" or 3/4" wide by 20-1/2" long.



Model  
18100

**FOR ABRASIVE BELTS**  
1/2" - 3/4" wide x 18", 20-1/2" long  
(13 mm - 19 mm x 457 mm, 521 mm)  
SEE PAGE 270

#### Four-In-One Versatility Kit:

#### Belt Tool • Die Grinder • Cut-Off Tool • Disc Sander

- Each kit includes these convenient, quick-change accessories: 50292 Cut-Off Guard, 50269 Flange, 51347 Locking-Type Pad (3" dia., 3/8"-24), 40014 Belt Housing Assembly, 94300 Dynaswivel® (see page 223), Abrasive Belt, Abrasive Disc, Wrenches, all in deluxe carrying case.

#### Model 18025 For 18" Long Belts

- 18100 basic tool, with 11203 Contact Arm for coated abrasive and non-woven nylon belts, 3/4" wide by 18" long. Also includes 50010 Collet (1/4") for Die Grinder use.

#### Model 18026 For 20-1/2" Long Belts

- 18101 basic tool, with 11287 Contact Arm for coated abrasive and non-woven nylon belts, 5/8" or 3/4" wide by 20-1/2" long. Also includes 50015 Collet (6 mm) for Die Grinder use.



Model  
18025

# Disc Sanders

## 2" and 3" Diameter



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**ACCESSORIES**  
PAGE 222

### Portable Air Tools for the Value-Minded Professional

- 7° offset handle for added comfort and control. Tool includes safety-lock lever. Gearless design; front exhaust.
- Composite tool grip absorbs vibration and reduces cold air transmission to the operator.

#### Model 18160 For 2" Diameter Abrasive Discs

- Includes pad for locking-type abrasive discs, 2" diameter.

#### Model 18180 For 3" Diameter Abrasive Discs

- Includes pad for locking-type abrasive discs, 3" diameter.



Model  
18160

**FOR ABRASIVE DISCS**  
2" and 3" diameters  
(51 mm and 76 mm)  
SEE PAGE 279



**Gearless**

| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|----------------|-------------------|------------------|------------------|
| 18100/18101  | .5 (373)     | 20,000    | 81 dB(A)    | 22 (623)                      | 3/8 (10)                 | 1/4" NPT         | —              | 2.8 (1.3)         | 15 (381)*        | 5 (127)          |
| 18160        | .5 (373)     | 20,000    | 78 dB(A)    | 22 (623)                      | 3/8 (10)                 | 1/4" NPT         | 1/4"-20 Male   | 1.8 (0.8)         | 8-1/2 (216)      | 5-1/2 (140)      |
| 18180        | .5 (373)     | 20,000    | 78 dB(A)    | 22 (623)                      | 3/8 (10)                 | 1/4" NPT         | 3/8"-24 Male   | 1.9 (0.9)         | 8-1/4 (210)      | 5-1/4 (133)      |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

\*18101 Length is 16-1/4" (413 mm).

# Die Grinders

## Straight Line, Right Angle, 7° Offset



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PAGE 228

**DYNAJET**  
PAGE 224

### Portable Air Tools for the Value-Minded Professional

**FOR CARBIDE BURRS, ROTARY FILES, MOUNTED POINTS, WHEELS AND DISCS**  
SEE PAGE 251

#### Straight Line Die Grinder, .2 hp

- Compact, lightweight design.
- Includes safety-lock lever; rear exhaust.
- Smooth, efficient air motor with built-in speed regulator.
- Composite tool grip absorbs vibration and reduces cold air transmission.

##### Model 18000 1/4" Collet

- Optional 1/8" collet insert: 18432.

##### Model 18001 6 mm Collet

- Optional 6 mm collet insert: 18431.



#### Right Angle Die Grinder, .2 hp

- Compact, lightweight design permits easy access to tight areas.
- Includes safety-lock lever; rear exhaust.
- Composite tool grip absorbs vibration and reduces cold air transmission to operator.

##### Model 18010 1/4" Collet

- Optional 1/8" collet insert: 18432.

##### Model 18011 6 mm Collet

- Optional 6 mm collet insert: 18431.



#### 7° Offset Die Grinder, .5 hp

##### Model 18020 1/4" Collet

- 7° offset handle offers added comfort and control.
- Includes safety-lock lever; front exhaust.
- Gearless design for reduced downtime and maintenance.
- Composite tool grip absorbs vibration and reduces cold air transmission to operator.



#### Die Grinder / Disc Sander Kit

##### Model 18015

- Kit offers two tools in one! Comes complete with accessories for easy conversion to Die Grinder or Disc Sander.
- Ideal for surface preparation, scuffing, deburring, etc.
- Includes 18010 Die Grinder (see above), locking-type backup pad (3" diameter), 1/4"-20 shank, 94300 Dynaswivel® (see page 223), assortment of 3" diameter abrasive discs (coated and non-woven nylon), all in durable carrying case.



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 18000/18001  | .2 (149)     | 25,000    | 80 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 1 (.45)           | 6-1/2 (165)      | 1-3/4 (44)       |
| 18010/18011  | .2 (149)     | 20,000    | 78 dB(A)    | 19 (538)                      | 3/8 (10)                 | 1/4" NPT         | 1.3 (.59)         | 6-1/2 (165)      | 3 (76)           |
| 18020        | .5 (373)     | 20,000    | 78 dB(A)    | 22 (623)                      | 3/8 (10)                 | 1/4" NPT         | 1.9 (0.9)         | 8 (203)          | 5-3/4 (146)      |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Cut-Off Wheel Tools

## 7° Offset and Long Neck



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### Portable Air Tools for the Value-Minded Professional

**FOR CUT-OFF WHEELS**  
3" diameter (76 mm) with  
3/8" (10 mm) center hole  
SEE PAGE 281

#### Model 18080 7° Offset Cut-Off Wheel Tool

- Accepts optional Cut-Off Wheels, 3" in diameter with 3/8" center hole.
- 7° offset handle provides maximum comfort and control.
- Gearless design for reduced downtime and maintenance.
- Front exhaust keeps work surface clear. 20,000 RPM.
- Composite tool grip absorbs vibration and reduces cold air transmission to operator.
- **Important: Speed of tool must not exceed maximum operating speed of accessory. Always use proper guards, wear eye gear and body protection.**



**Gearless**

#### Model 18075 Long Neck Cut-Off Wheel Tool

- Accepts optional Cut-Off Wheels, 3" in diameter with 3/8" center hole.
- Extension design offers easy access to tight or confined areas. Design also allows for easier straight-type cuts. Also offers improved visibility of work piece.
- Rear exhaust; 20,000 RPM.
- Composite tool grip absorbs vibration and reduces cold air transmission to operator.
- **Important: Speed of tool must not exceed maximum operating speed of accessory. Always use proper guards, wear eye gear and body protection.**



Wheel Sold Separately

# Impact Wrench

## Pin Retainer Design for Single Socket Use



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PAGE 222

### Portable Air Tools for the Value-Minded Professional

#### Model 18063 Impact Wrench, 1/2" Drive

- For efficient loosening and tightening of bolts, lug nuts, etc. Pistol grip with easy on/off trigger.
- Tool's pin retainer design offers optimum long-term use of single socket.
- Ideal for industrial operators employing one socket per wrench.
- Adjustable torque settings (torque: 600 ft./lbs.).
- 7,000 RPM; rear exhaust.



| Model Number | Motor hp (W) | Motor RPM | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|-------------|-------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 18063        | —            | 7,000     | 89 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 6 (2.7)           | 7-3/4 (197)      | 7-3/4 (197)      |
| 18075        | .5 (373)     | 20,000    | 87 dB(A)    | 28 (793)                      | 3/8 (10)                 | 1/4" NPT         | 2 (0.9)           | 12 (305)         | 3-1/2 (89)       |
| 18080        | .5 (373)     | 20,000    | 85 dB(A)    | 22 (623)                      | 3/8 (10)                 | 1/4" NPT         | 2.2 (1)           | 8-3/4 (222)      | 5 (127)          |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Right Angle Buffers

3", 5"-8" Diameters



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*Portable Air Tools for the Value-Minded Professional*

**FOR POLISHING BUFFS**  
3" (76 mm), 5"-8" (127 mm-203 mm) diameters  
SEE PAGE 239

## Right Angle Buffer, 3" Diameter

- Tool includes 50126 Hook-Face Backup Pad (3" dia.) and 90034 Wool Buff (3-1/2" dia.).
- Ideal for buffing and polishing in small areas.
- Built-in speed control.
- 3/8"-24 male spindle. Safety-lock lever. Rear exhaust.

**Model 18055** 2,300 RPM

**Model 18056** 3,200 RPM



## Right Angle Buffer/Spot Sander Kit

### Model 18058

- Excellent kit for spot repair and buffing/polishing. Angle-head tool design permits access to difficult areas.

#### Includes:

- 18055 2,400 RPM tool
- 50122 3" Hook-Face Backing Pad (3/8"-24)
- 90027 3" Terry Cloth Bonnet
- 90028 3" Synthetic Wool Pad
- 90034 3" Natural Wool Pad
- 90038 3" White Polishing Foam Pad
- 90044 3" Yellow Cutting Foam Pad
- 95723 4 oz. Finesse Creme
- 95727 4 oz. Dynabrade Glaze
- 54034 Random Orbit Sanding Head
- 54018 1-1/4" Sanding Pad
- 93191 Sample 9-Micron 1-1/4" Abrasive Discs
- 94300 Dynaswivel®
- Wrenches for Accessory Changes
- Deluxe Storage/Carry Case



## Right Angle Buffer, 5"-8" Diameter

### Model 18050

- 0 - 2,500 RPM free speed. Accepts 5" to 8" diameter buffs.
- Insulated handle reduces cold air transmission to the operator.
- 5/8"-11 male spindle.
- Lightweight and compact in size.
- Rear exhaust, variable speed safety-lock lever throttle.
- Soft-grip handle can be positioned for right or left hand operation.
- Backup pad (50853) and polishing bonnet (90082) sold separately.



| Model Number | Motor hp (W) | Motor RPM | Pad Size Inch (mm) | Sound Level | Maximum Air Flow SCFM (L/Min) | Hose I.D. Size Inch (mm) | Spindle Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|-------------|-------------------------------|--------------------------|----------------|-------------------|------------------|------------------|
| 18050        | .7 (522)     | 0-2,500   | 5-8 (127-203)      | 80 dB(A)    | 27 (765)                      | 3/8 (10)                 | 5/8"-11 Male   | 5.3 (2.4)         | 12 (305)         | 4 (102)          |
| 18055        | .4 (298)     | 2,300     | 3 (76)             | 87 dB(A)    | 28 (793)                      | 3/8 (10)                 | 3/8"-24 Male   | 2 (0.9)           | 10-3/8 (263)     | 2-1/2 (63)       |
| 18056        | .4 (298)     | 3,200     | 3 (76)             | 87 dB(A)    | 28 (793)                      | 3/8 (10)                 | 3/8"-24 Male   | 2 (0.9)           | 10-3/8 (263)     | 2-1/2 (63)       |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Air Inlet Thread 1/4" NPT

# Pistol Grip Buffer

## Accepts 3" Diameter Buffing Accessories



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*Portable Air Tools for the Value-Minded Professional*

**FOR POLISHING BUFFS**  
3" diameter (76 mm)  
SEE PAGE 239

### Model 18068 3/8"-24 Thread

- Operates at 2,500 RPM, ideal for a variety of buffing applications.
- Includes 50126 Hook-Face Backing Pad, for accepting optional buffs and bonnets 3" (76 mm) in diameter (see Versatility Kit on page 189).
- Ergonomic pistol grip design enhances operator comfort.
- To run 92295 RED-TRED® Eraser Disc Assembly, order optional 55066 Adapter (converts 3/8"-24 spindle thread to 5/8"-11 thread).



Model  
18068

| Model Number | Motor hp (W) | Motor RPM | Pad Dia. Inch (mm) | Sound Level | Max. Air Flow SCFM (LPM) | Spindle Thread | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|-------------|--------------------------|----------------|------------------|-------------------|------------------|------------------|
| 18068        | .18 (134)    | 2,500     | 3 (72)             | 80 dB(A)    | 23 (651)                 | 3/8"-24        | 1/4" NPT         | 1.7 (0.8)         | 5 (128)          | 6-3/8 (162)      |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Dual-Piston Sander

## In-Line Sander

*Achieve Consistent Finishes on Large Work Surfaces*

**FOR ABRASIVE SHEETS**  
2-3/4" wide x 17" long (70 mm x 432 mm)  
*NOT INCLUDED*

### Model 18066

- 2,500 strokes per minute.
- Long board air-powered sander, two-handed operation.
- Accepts 2-3/4" wide x 17" long (70 mm x 432 mm) abrasive sheets.
- Includes rubber backup pad, 2-3/4" wide by 16" long (70 mm x 406 mm), with clips for securing abrasive sheets.



Model  
18066

| Model Number | Maximum Air Flow SCFM (LPM) | Air Pressure PSIG (Bar) | Air Inlet Thread | Weight Pound (kg) | Stroke Length Inch (mm) | Pad Size Inch (mm)    | Paper Size Inch (mm)      |
|--------------|-----------------------------|-------------------------|------------------|-------------------|-------------------------|-----------------------|---------------------------|
| 18066        | 14 (396)                    | 90 (6.2)                | 1/4" NPT         | 6 (2.7)           | 1 (25)                  | 2-3/4 x 16 (70 x 406) | 2-3/4 x 17-1/2 (70 x 445) |

# RED-TRED® Eraser Disc Tools

For Use With RED-TRED® Eraser Disc (Page 247)



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FOR RED-TRED®  
ERASER DISCS  
SEE PAGE 247

*Ideal for Removing Decals, Pinstriping & Tapes*

## RED-TRED® Eraser Disc Pistol Grip Tool

- Fast graphics removal in pistol grip design!

**Model 18069** 5/8"-11 Thread

**Model 18072** M14x2 Thread

- Model 18069 includes 92295 RED-TRED® Disc Assembly (5/8"-11 thread).
- Model 18072 includes 92296 RED-TRED® Disc Assembly (M14x2 thread).
- Efficiently removes graphics, decals, pinstriping and tape without harming the paint.
- Ergonomic pistol grip design enhances operator comfort.
- Tool is also ideal for running optional buffing accessories (see Versatility Kit).



For best results slowly pull tool toward you while moving it side-to-side, applying light to medium pressure. Start tool OFF work surface, then move tool OFF surface before stopping it.



## Pistol Grip Eraser Disc/Buffering Versatility Kit

- Everything needed for graphics removal and buffing!

### 18071 Kit

- 18068 Pistol Grip Buffer (see page 188), with 50126 Hook-Face Backing Pad
- 92295 RED-TRED® Eraser Disc Assembly (5/8"-11 thread)
- 90027 Terry Cloth Pad and 90080 Sheepskin Pad
- 90038 Polishing Foam Pad and 90044 Foam Cutting Pad
- 55066 Spindle Thread Adapter (converts 3/8"-24 thread to 5/8"-11)
- 95281 Open-End Wrench (19 mm)



## RED-TRED® Eraser Disc Standard Duty Tool

**Model 18067** 5/8"-11 Thread, .4 hp

- 2,300 RPM right angle tool includes 92295 RED-TRED® Eraser Disc Assembly.
- Compact, comfortable design easily reaches into tight areas.
- Rear exhaust tool is speed-mated for optimum performance.
- Offers greater visibility on work surface. Includes fully adjustable side handle.



## RED-TRED® Eraser Disc Heavy-Duty Tool

**Model 51510** 5/8"-11 Thread, .7 hp

**Model 51511** M14x2 Thread, .7 hp

- More powerful tool is ideal for aggressive applications.
- 2,500 RPM variable-speed tool includes 92295 RED-TRED® Eraser Disc Assembly.
- Comfortable side handle is adjustable for left or right hand use.



| Model Number | Motor hp (W) | Motor RPM | Pad Dia. Inch (mm) | Sound Level | Max. Air Flow SCFM (LPM) | Air Inlet Thread | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|-------------|--------------------------|------------------|-------------------|------------------|------------------|
| 18067        | .4 (298)     | 2,300     | 4 (105)            | 82 dB(A)    | 28 (793)                 | 1/4" NPT         | 3 (1.4)           | 11-7/8 (301)     | 2-3/4 (71)       |
| 18069/18072  | .18 (134)    | 2,500     | 4 (102)            | 80 dB(A)    | 23 (651)                 | 1/4" NPT         | 2.5 (1.1)         | 5.3 (135)        | 7 (178)          |
| 51510/51511  | .7 (522)     | 2,500     | 4 (105)            | 80 dB(A)    | 27 (765)                 | 1/4" NPT         | 5 (2.7)           | 12-1/2 (319)     | 4-1/4 (108)      |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)





# ***ABRASIVE MACHINERY***

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Bench & Pedestal Disc Grinder ....193

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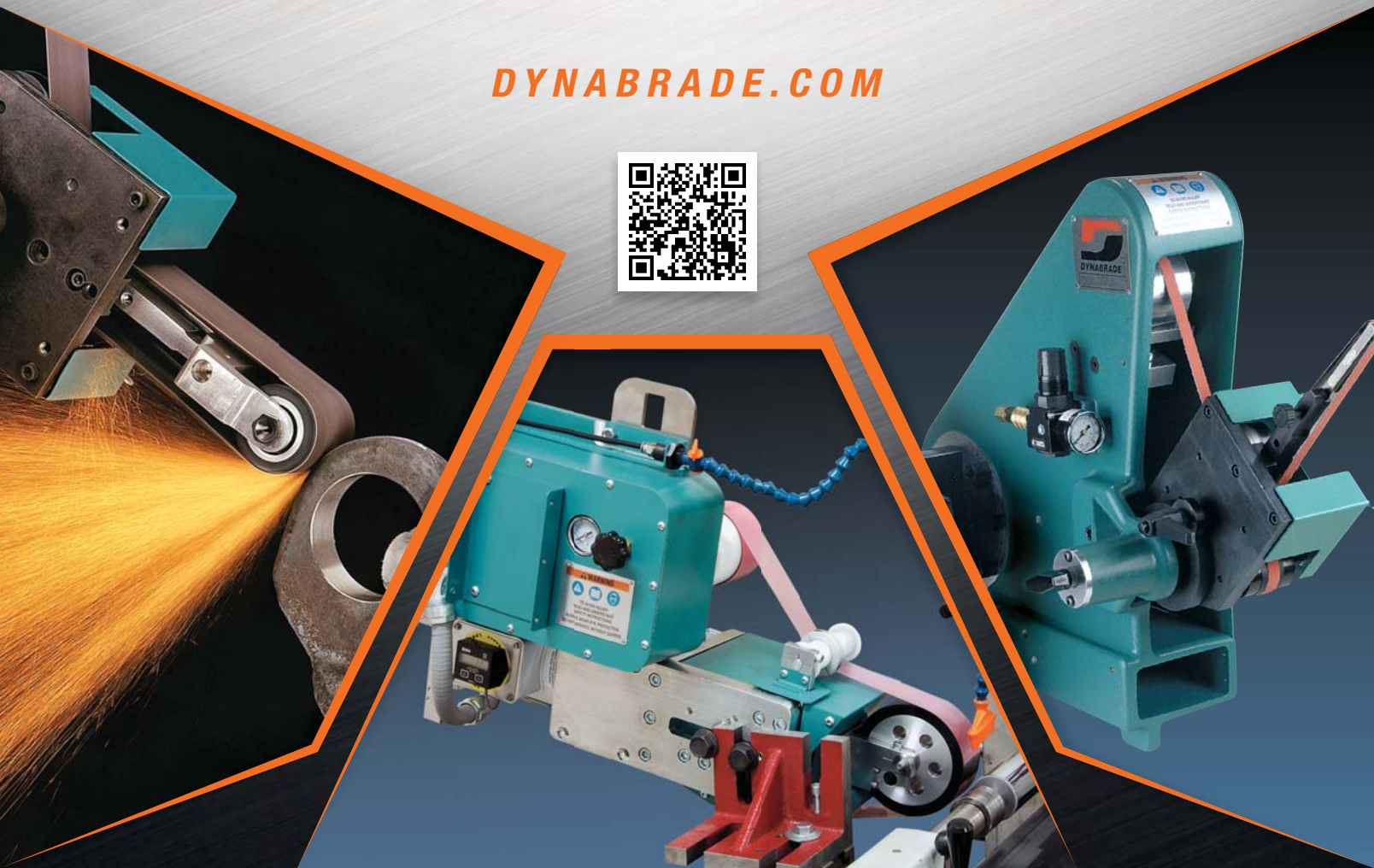
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***DYNABRADE.COM***



# Bench & Pedestal Belt Grinders

## Versatile Three-Wheel Belt Grinding Machine

**Powers Abrasive Belts 2" wide by 60" long (51 mm x 1,524 mm)**

**FOR ABRASIVE BELTS**  
2" wide x 60" long  
(51 mm x 1,524 mm)  
SEE PAGE 272

*NEW Dynabrade Bench & Pedestal Belt Grinder is ideal for a variety of applications, including grinding, deburring, finishing, shaping, fitting, plus removing flash and parting lines. Machine design allows smooth grinding from contact wheel, and sanding or finishing from slack of belt. Offered in complete range of electrical configurations (see chart below).*

### Models 67900 – 67913

- Amazing versatility – grind from contact wheel or platen; finish from slack of belt.
- Fully guarded to meet all OSHA standards.
- Work rest is adjustable to ensure accurate angle grinding.
- Quick and easy belt change minimizes downtime and increases efficiency.
- Can be bench-mounted or attached to optional 67500 adjustable Pedestal Stand, as shown.
- Optional 67965 Vacuum Scoop also available, for efficient capture of dust and debris.

**NEW!**



Model 67900



67500  
Pedestal  
Stand



Model 67900  
mounted to  
optional 67500  
Pedestal Stand.



Model 67902

| Model Number | Motor hp (W) | Full Load Amperage | Voltage/Phase/Frequency | SFPM (SM/Min)         | Sound Level | Weight Pound (kg) | Height Inch (mm) | Width Inch (mm) | Length Inch (mm) |
|--------------|--------------|--------------------|-------------------------|-----------------------|-------------|-------------------|------------------|-----------------|------------------|
| 67900        | 1.5 (1,119)  | 12.1               | 115 / 1 / 60            | 8,000 (2,438)         | 85 dB(A)    | 110 (50)          | 27 (686)         | 21 (533)        | 20 (508)         |
| 67901        | 1.5 (1,119)  | 6                  | 230 / 1 / 60            | 8,000 (2,438)         | 85 dB(A)    | 110 (50)          | 27 (686)         | 21 (533)        | 20 (508)         |
| 67902        | 1.5 (1,119)  | 4.6                | 230 / 3 / 60            | 8,000 (2,438)         | 85 dB(A)    | 110 (50)          | 27 (686)         | 21 (533)        | 20 (508)         |
| 67903        | 1.5 (1,119)  | 2.3                | 460 / 3 / 60            | 8,000 (2,438)         | 85 dB(A)    | 110 (50)          | 27 (686)         | 22 (559)        | 20 (508)         |
| 67904        | 3 (2,238)    | 7.6                | 230 / 3 / 60            | 8,000 (2,438)         | 85 dB(A)    | 120 (54)          | 27 (686)         | 22 (559)        | 20 (508)         |
| 67905        | 3 (2,238)    | 3.8                | 460 / 3 / 60            | 8,000 (2,438)         | 85 dB(A)    | 120 (54)          | 27 (686)         | 21 (533)        | 20 (508)         |
| 67906        | 1.5 (1,119)  | 15.2               | 115 / 1 / 60            | 4,000 (1,219)         | 85 dB(A)    | 110 (50)          | 27 (686)         | 21 (533)        | 20 (508)         |
| 67907        | 1.5 (1,119)  | 7.6                | 230 / 1 / 60            | 4,000 (1,219)         | 85 dB(A)    | 110 (50)          | 27 (686)         | 21 (533)        | 20 (508)         |
| 67908        | 1.5 (1,119)  | 4.8                | 230 / 3 / 60            | 4,000 (1,219)         | 85 dB(A)    | 110 (50)          | 27 (686)         | 21 (533)        | 20 (508)         |
| 67909        | 1.5 (1,119)  | 2.4                | 460 / 3 / 60            | 4,000 (1,219)         | 85 dB(A)    | 110 (50)          | 27 (686)         | 21 (533)        | 20 (508)         |
| 67910        | 3 (2,238)    | 8.6                | 230 / 3 / 60            | 4,000 (1,219)         | 85 dB(A)    | 120 (54)          | 27 (686)         | 22 (559)        | 20 (508)         |
| 67911        | 3 (2,238)    | 4.3                | 460 / 3 / 60            | 4,000 (1,219)         | 85 dB(A)    | 120 (54)          | 27 (686)         | 22 (559)        | 20 (508)         |
| 67912        | 1.5 (1,119)  | 20                 | 115 / 1 / 60            | 800-8,000 (244-2,438) | 85 dB(A)    | 110 (50)          | 27 (686)         | 21 (533)        | 20 (508)         |
| 67913        | 1.5 (1,119)  | 10                 | 230 / 1 / 60            | 800-8,000 (244-2,438) | 85 dB(A)    | 110 (50)          | 27 (686)         | 21 (533)        | 20 (508)         |



# Bench & Pedestal Belt Grinders

## Versatile Two-Wheel Belt Grinding Machine for Heavy Duty Use

**Powers Abrasive Belts 2-1/2" wide by 60" long (64 mm x 1,524 mm)**

**FOR ABRASIVE BELTS**  
2-1/2" wide x 60" long  
(64 mm x 1,524 mm)  
**NOT INCLUDED**

**NEW Dynabrade Bench & Pedestal Belt Grinder is ideal for heavy duty grinding applications, working from the contact wheel or platen pad. Machine design allows rotation of housing from vertical to horizontal positions, for optimum grinding efficiency. Offered in complete range of electrical configurations (see chart below).**

### Models 67800 – 67813

- Grind from contact wheel or platen; ideal for countless heavy duty applications.
- Fully guarded to meet all OSHA standards.
- Work rest is adjustable to ensure accurate bevel grinding.
- Quick and easy belt change minimizes downtime and increases efficiency.
- Can be bench-mounted or attached to optional 67500 adjustable Pedestal Stand, as shown.
- Optional 67966 Vacuum Scoop also available, for efficient capture of dust and debris.

**NEW!**

**Housing rotates to horizontal position!**



67500  
Pedestal  
Stand



**Model 67800  
mounted to  
optional 67500  
Pedestal Stand.**



Model  
67800



Model  
67802

| Model Number | Motor hp (W) | Full Load Amperage | Voltage/Phase/Frequency | SFPM (SM/Min)         | Sound Level | Weight Pound (kg) | Height Inch (mm) | Width Inch (mm) | Length Inch (mm) |
|--------------|--------------|--------------------|-------------------------|-----------------------|-------------|-------------------|------------------|-----------------|------------------|
| 67800        | 1.5 (1,119)  | 12.1               | 115 / 1 / 60            | 8,000 (2,438)         | 85 dB(A)    | 110 (50)          | 29 (737)         | 21 (533)        | 29 (737)         |
| 67801        | 1.5 (1,119)  | 6                  | 230 / 1 / 60            | 8,000 (2,438)         | 85 dB(A)    | 110 (50)          | 29 (737)         | 21 (533)        | 29 (737)         |
| 67802        | 1.5 (1,119)  | 4.6                | 230 / 3 / 60            | 8,000 (2,438)         | 85 dB(A)    | 110 (50)          | 29 (737)         | 21 (533)        | 29 (737)         |
| 67803        | 1.5 (1,119)  | 2.3                | 460 / 3 / 60            | 8,000 (2,438)         | 85 dB(A)    | 110 (50)          | 29 (737)         | 21 (533)        | 29 (737)         |
| 67804        | 3 (2,238)    | 7.6                | 230 / 3 / 60            | 8,000 (2,438)         | 85 dB(A)    | 120 (54)          | 29 (737)         | 22 (559)        | 29 (737)         |
| 67805        | 3 (2,238)    | 3.8                | 460 / 3 / 60            | 8,000 (2,438)         | 85 dB(A)    | 120 (54)          | 29 (737)         | 22 (559)        | 29 (737)         |
| 67806        | 1.5 (1,119)  | 15.2               | 115 / 1 / 60            | 4,000 (1,219)         | 85 dB(A)    | 110 (50)          | 29 (737)         | 21 (533)        | 29 (737)         |
| 67807        | 1.5 (1,119)  | 7.6                | 230 / 1 / 60            | 4,000 (1,219)         | 85 dB(A)    | 110 (50)          | 29 (737)         | 21 (533)        | 29 (737)         |
| 67808        | 1.5 (1,119)  | 4.8                | 230 / 3 / 60            | 4,000 (1,219)         | 85 dB(A)    | 110 (50)          | 29 (737)         | 21 (533)        | 29 (737)         |
| 67809        | 1.5 (1,119)  | 2.4                | 460 / 3 / 60            | 4,000 (1,219)         | 85 dB(A)    | 110 (50)          | 29 (737)         | 21 (533)        | 29 (737)         |
| 67810        | 3 (2,238)    | 8.6                | 230 / 3 / 60            | 4,000 (1,219)         | 85 dB(A)    | 120 (54)          | 29 (737)         | 22 (559)        | 29 (737)         |
| 67811        | 3 (2,238)    | 4.3                | 460 / 3 / 60            | 4,000 (1,219)         | 85 dB(A)    | 120 (54)          | 29 (737)         | 22 (559)        | 29 (737)         |
| 67812        | 1.5 (1,119)  | 20                 | 115 / 1 / 60            | 800-8,000 (244-2,438) | 85 dB(A)    | 110 (50)          | 29 (737)         | 21 (533)        | 29 (737)         |
| 67813        | 1.5 (1,119)  | 10                 | 230 / 1 / 60            | 800-8,000 (244-2,438) | 85 dB(A)    | 110 (50)          | 29 (737)         | 21 (533)        | 29 (737)         |



# Bench & Pedestal Disc Grinders

## Versatile Disc Grinding Machine for Countless Applications

**Powers Abrasive Discs 12" (305 mm) in Diameter**

FOR ABRASIVE DISCS  
12" (305 mm) diameter  
NOT INCLUDED

*NEW Dynabrade Bench & Pedestal Disc Grinder is ideal for a variety of applications, including grinding and deburring castings or fabricated parts. Also used for shaping, flat grinding and contouring on metal, wood and plastic. Machine design allows quick disc change, and easy adjustment of work table for optimum efficiency. Offered in complete range of electrical configurations (see chart below).*

### Models 67600 – 67605

- Adjustable work table with miter ensures accurate angle grinding.
- Runs in forward and reverse modes.
- Fully guarded with adjustable work rest to meet all OSHA standards.
- Quick and easy disc change minimizes downtime and increases efficiency.
- Can be bench-mounted or attached to optional 67500 adjustable Pedestal Stand, as shown.

**NEW!**



### 67500 Pedestal Stand

**For All Bench & Pedestal Models**

- Quick and easy height adjustment, from 28" to 38" high.
- Rigid assembly with capacity up to 300 pounds.
- 1/4" steel tool mount plate and pedestal base.



**Model 67600 mounted to optional 67500 Pedestal Stand.**



| Model Number | Motor hp (W) | Full Load Amperage | Voltage/Phase/Frequency | RPM       | Sound Level | Weight Pound (kg) | Height Inch (mm) | Width Inch (mm) | Length Inch (mm) |
|--------------|--------------|--------------------|-------------------------|-----------|-------------|-------------------|------------------|-----------------|------------------|
| 67600        | 1 (746)      | 13.4               | 115 / 1 / 60            | 1,725     | 70 dB(A)    | 90 (41)           | 17 (432)         | 18 (457)        | 21 (533)         |
| 67601        | 1 (746)      | 6.7                | 230 / 1 / 60            | 1,725     | 70 dB(A)    | 90 (41)           | 17 (432)         | 18 (457)        | 21 (533)         |
| 67602        | 1.5 (1,119)  | 20                 | 115 / 1 / 60            | 500-1,725 | 70 dB(A)    | 90 (41)           | 17 (432)         | 18 (457)        | 21 (533)         |
| 67603        | 1.5 (1,119)  | 10                 | 230 / 1 / 60            | 500-1,725 | 70 dB(A)    | 90 (41)           | 17 (432)         | 18 (457)        | 21 (533)         |
| 67604        | 1.5 (1,119)  | 6.9                | 230 / 3 / 60            | 500-1,725 | 70 dB(A)    | 90 (41)           | 17 (432)         | 18 (457)        | 21 (533)         |
| 67605        | 1.5 (1,119)  | 3.6                | 460 / 3 / 60            | 500-1,725 | 70 dB(A)    | 90 (41)           | 17 (432)         | 18 (457)        | 21 (533)         |

# Versatility Grinder

## Electric Abrasive Belt Machine



**CONTACT ARMS**  
PAGE 196

**ACCESSORIES**  
PAGE 195

### Ideal for an Extensive Variety of Finishing Applications

- Versatility Grinder powers 72" abrasive belts in widths from 1/4" to 2", to provide a wide variety of finishing solutions.
- Ideal for use on castings and forgings, turbine blades, medical implants, investment castings and more.
- Each model on page includes 67212 Contact Arm (see page 198).
- Sleek, compact design for easy space-saving set up.
- Combines linear tracking adjustment with conventional pivot tracking, for optimum belt tracking control.
- Adjustable air belt tensioning; pivoting arm assembly.
- Includes efficient through-housing vacuum port (see page 195 for optional Vacuum Scoop Assembly).

**FOR ABRASIVE BELTS**  
1/4"-2" wide x 72" long  
(6 mm-51 mm x 1,829 mm)  
SEE PAGE 270

### Variable Speed Models

- Design allows change of belt direction from forward to reverse.

**Model 64900** 600 - 4,000 SFPM, 115 V (AC)

**Model 64901** 600 - 4,000 SFPM, 230 V (AC)

**Model 64902** 2,000 - 8,000 SFPM, 230 V (AC)

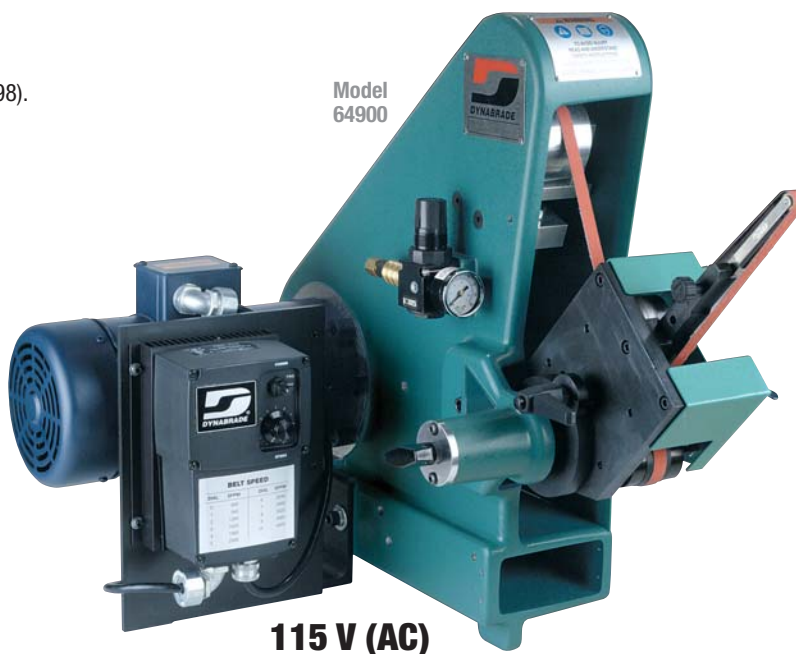
**Model 64903** 2,000 - 8,000 SFPM, 460 V (AC)

### Fixed Speed Models

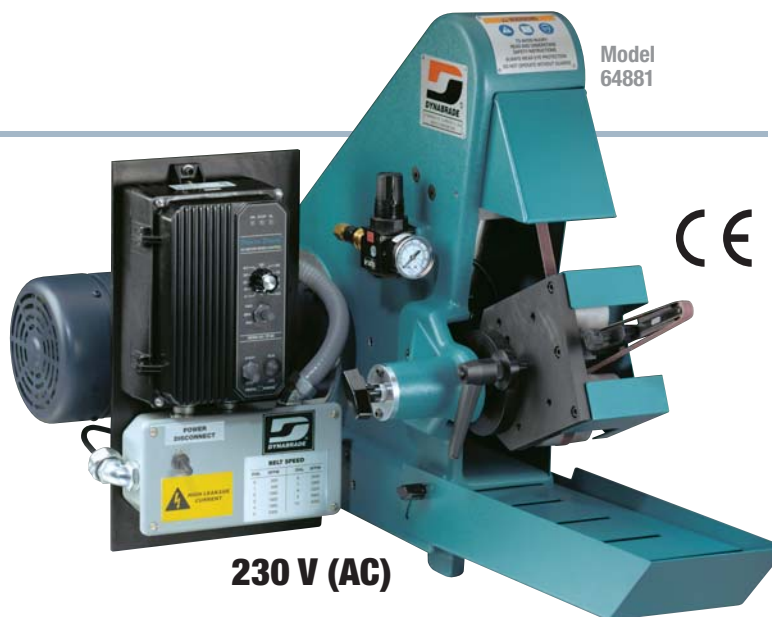
- Forward direction only.

**Model 64904** 5,400 SFPM, 115 V (AC)

**Model 64905** 5,400 SFPM, 230 V (AC)



**115 V (AC)**



**230 V (AC)**

### CE Variable Speed Model

- Design allows change of belt direction from forward to reverse.

**Model 64881** 600 - 4,000 SFPM, 230 V (AC)

- This model carries the CE (European Conformity) mark, signifying that it complies with all essential requirements of relevant European health, safety and environmental protection legislation.
- Shown with optional Vacuum Scoop Assembly (see page 195).



"Pivot mount" assembly allows operator to adjust Contact Arm to any angle for peak efficiency.

| Model Number | Motor hp (W) | Abrasive Belt Size Inch (mm) | Max. SFPM (SM/Min)      | Voltage | Phase | Frequency | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|------------------------------|-------------------------|---------|-------|-----------|-------------------|------------------|------------------|
| 64881        | 1 (746)      | 1/4-2 (6-51) x 72 (1,829)    | 600-4,000 (183-1,219)   | 230     | 1     | 50 Hz     | 120 (55)          | 33 (838)         | 22 (559)         |
| 64900        | 1 (746)      | 1/4-2 (6-51) x 72 (1,829)    | 600-4,000 (183-1,219)   | 115     | 1     | 50/60 Hz  | 120 (55)          | 33 (838)         | 22 (559)         |
| 64901        | 1 (746)      | 1/4-2 (6-51) x 72 (1,829)    | 600-4,000 (183-1,219)   | 230     | 1     | 50/60 Hz  | 120 (55)          | 33 (838)         | 22 (559)         |
| 64902        | 3 (2,232)    | 1/4-2 (6-51) x 72 (1,829)    | 2,000-8,000 (610-2,438) | 230     | 3     | 50/60 Hz  | 120 (55)          | 33 (838)         | 22 (559)         |
| 64903        | 3 (2,232)    | 1/4-2 (6-51) x 72 (1,829)    | 2,000-8,000 (610-2,438) | 460     | 3     | 50/60 Hz  | 120 (55)          | 33 (838)         | 22 (559)         |
| 64904        | 1.5 (1,119)  | 1/4-2 (6-51) x 72 (1,829)    | 5,400 (1,647)           | 115     | 1     | 50/60 Hz  | 120 (55)          | 33 (838)         | 22 (559)         |
| 64905        | 1.5 (1,119)  | 1/4-2 (6-51) x 72 (1,829)    | 5,400 (1,647)           | 230     | 1     | 50/60 Hz  | 120 (55)          | 33 (838)         | 22 (559)         |

# Versatility Grinder

## Electric Abrasive Belt Machine



CONTACT ARMS  
PAGE 196

ACCESSORIES  
BELOW

*Ideal for an Extensive Variety of Finishing Applications*

FOR ABRASIVE BELTS  
2" wide x 72" long  
(51 mm x 1,829 mm)  
SEE PAGE 273

### "Slack Action," Variable Speed Model

- Machine offers simplified design that eliminates belt tension rollers to reduce maintenance costs.
- Design also allows greater use of abrasive belt slack areas. Operator has flexibility to finish workpiece on belt slack in a variety of positions, for optimum efficiency.
- Grind on Contact Wheel for fast material removal, then polish with slack of belt.
- Ideal for use on castings and forgings, turbine blades, medical implants, golf club parts, piping, investment castings and more.
- Linear belt tracking adjustment works with conventional tracking system for superior abrasive belt control.
- Heavy-duty, 2" dia. x 2" wide Contact Arm (67215) included.

#### Model 64860

600 - 4,000 SFPM, 115 V (AC), 1 hp

#### Model 64861

600 - 4,000 SFPM, 230 V (AC), 1 hp

#### Model 64862

2,000 - 8,000 SFPM, 230 V (AC), 3 hp

#### Model 64863

2,000 - 8,000 SFPM, 460 V (AC), 3 hp



115 V (AC)

| Model Number | Motor hp (W) | Abrasive Belt Size Inch (mm) | Max. SFPM (SM/Min)      | Voltage | Phase | Frequency | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|------------------------------|-------------------------|---------|-------|-----------|-------------------|------------------|------------------|
| 64860        | 1 (746)      | 2 (51) x 72 (1,829)          | 600-4,000 (183-1,219)   | 115     | 1     | 50/60 Hz  | 120 (55)          | 33 (838)         | 22 (559)         |
| 64861        | 1 (746)      | 2 (51) x 72 (1,829)          | 600-4,000 (183-1,219)   | 230     | 1     | 50/60 Hz  | 120 (55)          | 33 (838)         | 22 (559)         |
| 64862        | 3 (2,237)    | 2 (51) x 72 (1,829)          | 2,000-8,000 (610-2,438) | 230     | 3     | 50/60 Hz  | 120 (55)          | 33 (838)         | 22 (559)         |
| 64863        | 3 (2,237)    | 2 (51) x 72 (1,829)          | 2,000-8,000 (610-2,438) | 460     | 3     | 50/60 Hz  | 120 (55)          | 33 (838)         | 22 (559)         |

# Versatility Grinder Accessories

### 1 hp Electric Motor Variable Speed

#### 64870

- 1 hp (746 W), 115 Volt, 1 Phase, 50/60 Hz



#### 64871

- 1 hp (746 W), 230 Volt, 1 Phase, 50/60 Hz

### 1.5 HP Electric Motor Fixed Speed

#### 64872

- 1.5 hp (1,119 W), 115 Volt, 1 Phase, 50/60 Hz



#### 64873

- 1.5 hp (1,119 W), 230 Volt, 1 Phase, 50/60 Hz

### 3 hp Electric Motor Variable Speed

#### 64874

- 3 hp (2,237 W), 230 Volt, 3 Phase, 50/60 Hz



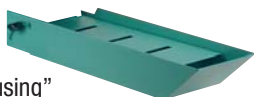
#### 64875

- 3 hp (2,237 W), 460 Volt, 3 Phase, 50/60 Hz

### Vacuum Scoop Assembly

#### 64932

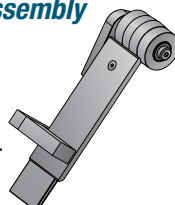
- Attaches to "thru-housing" vacuum port, for efficient collection of sanding debris.



### Platen Assembly

#### 64962

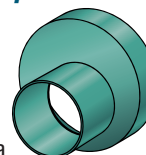
- Ideal for platen grinding.



### Vacuum Adapter

#### 64923

- For connection to 2-1/2" (63mm) dia. vacuum hose.



### Pedestal Assembly

#### 64895
















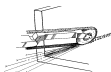









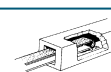








- For easy positioning of machine. Frees up additional work space.


















ABRASIVE MACHINERY



# Versatility Grinder Contact Arms

| Part Number                |   | Comments  | Belt Size   | Contact Wheel Assembly<br>(includes bearing and shaft) | Platen Pad         |
|----------------------------|---|---|---|--|--------------------|
| 11200                      |    |  <ul style="list-style-type: none"><li>• Work on broad areas</li><li>• Leave in-line scratch</li><li>• Blend spot welds</li></ul>  | • 4,000 SFPM Maximum<br>1/2" x 72"                  | 11088<br>5/8" dia. x 3/8" wide, rubber                 | 11025<br>1/2" wide |
| 11201                      |    |  <ul style="list-style-type: none"><li>• Enter channels as small as 7/16"</li><li>• 2,000 SFPM Maximum</li></ul>   | 1/2" x 72"  | 11068<br>5/16" dia. x 3/8" wide, steel                 | 11027<br>1/2" wide |
| 11202                      |    |  <ul style="list-style-type: none"><li>• Enter 5/16" x 3/4" openings</li><li>• 2,000 SFPM Maximum</li></ul>  | 1/4" x 72"  | 11074<br>5/8" dia. x 1/8" wide, rubber                 | 11032<br>1/4" wide |
| 11203                      |    |  <ul style="list-style-type: none"><li>• Grind over contact wheel or platen</li><li>• Order 11312 for heavy-duty, or 11325 for steel platen version</li><li>• 4,000 SFPM Maximum</li></ul>                               | 1/2" x 72"  | 11078<br>5/8" dia. x 3/8" wide, rubber                 | 11025<br>1/2" wide |
| 11204                      |    |  <ul style="list-style-type: none"><li>• Unique offset design</li><li>• Strap polishing is easy</li><li>• 4,000 SFPM Maximum</li></ul>   | 1/8", 1/4",<br>5/16" or<br>1/2" x 72"               | 11080<br>1" dia. x 3/8" wide,<br>radiused rubber       | None               |
| 11206                      |    |  <ul style="list-style-type: none"><li>• Order 11326 for heavy-duty steel construction version</li><li>• 4,000 SFPM Maximum</li></ul>  | 5/8" or<br>3/4" x 72"                               | 11282<br>3/4" dia. x 5/8" wide, rubber                 | 11109<br>3/4" wide |
| 11220, 11300, 11301, 11341 |    |  <ul style="list-style-type: none"><li>• Offset design and miniature contact wheels</li><li>• 2" strap polish in offset area; polish turbine blades and other contours</li><li>• 2,000 SFPM Maximum</li></ul>            | 11220: 5/8" or 3/4" x 72"<br>All Others: 1/2" x 72" | 11220: 11352<br>5/16" x 5/8" wide, steel               | None               |
|                            |   |   |   | 11300: 11332<br>1/4" x 3/8" wide, steel                | None               |
|                            |   |   |   | 11301: 11068<br>5/16" x 3/8" wide, steel               | None               |
|                            |   |   |   | 11341: 11342<br>5/16" x 3/8" wide, rubber              | None               |
| 11280                      |  |  <ul style="list-style-type: none"><li>• Grind corners, enter grooves, strap polish</li><li>• "V" shape wheel</li></ul>  | • 4,000 SFPM Maximum<br>1/8" or 1/4" x 72"          | 11086<br>1" dia. x 3/8" wide, urethane, tapered        | None               |
| 11286                      |  |  <ul style="list-style-type: none"><li>• 11024 Steel Platen available</li><li>• 6-3/4" workable reach</li><li>• 4,000 SFPM Maximum</li></ul>   | 1/2" x 78"  | 11078<br>5/8" dia. x 3/8" wide                         | 11025<br>1/2" wide |
| 11287                      |  |  <ul style="list-style-type: none"><li>• Grind on wheel or platen</li><li>• 5-1/4" reach</li><li>• 4,000 SFPM Maximum</li></ul>  | 5/8" or 3/4" x 74-1/2"                              | 11282<br>3/4" x 5/8" wide, rubber                      | 11109<br>3/4" wide |
| 11314                      |  |  <ul style="list-style-type: none"><li>• File round openings as small as 7/16"</li><li>• 2,000 SFPM Maximum</li></ul>  | 1/4" x 72"  | 11066<br>5/16" dia. x 1/8" wide, steel                 | 11034<br>1/4" wide |
| 11320<br>Offset Arm        |  |  <ul style="list-style-type: none"><li>• For flat grinding using platen at or near corners and edges of large radius round</li><li>• Contact wheel is offset to prevent gouging</li><li>• 4,000 SFPM Maximum</li></ul> | 1/2" x 72"  | 5/8" dia. x 3/8" wide, rubber                          | 11026<br>1/2" wide |
| 11321                      |  |  <ul style="list-style-type: none"><li>• Work on contact wheel or platen pad</li><li>• 2,000 SFPM Maximum</li></ul>  | 1/2" x 72"  | 11070<br>7/16" dia. x 3/8" wide, rubber                | 11025<br>1/2" wide |
| 11322                      |  |  <ul style="list-style-type: none"><li>• Guide-cut</li><li>• Removes raised material within .020" or less without undercutting</li></ul>   | • 4,000 SFPM Maximum<br>1/2" x 72"<br>60 to 80 grit | 11090<br>5/8" dia. x 3/8" wide, rubber                 | None               |
| 11329                      |  |  <ul style="list-style-type: none"><li>• Extra length arm</li><li>• 17" workable reach</li><li>• 4,000 SFPM Maximum</li></ul>  | 1/2" x 98"  | 11078<br>5/8" dia. x 3/8" wide, rubber                 | 11025<br>1/2" wide |
| 11330                      |  |  <ul style="list-style-type: none"><li>• Enter 1/2" x 1/2" openings</li><li>• 2,000 SFPM Maximum</li></ul>   | 1/4" x 72"  | 11072<br>7/16" dia. x 1/8" wide, brass                 | 11034<br>1/4" wide |
| 11337                      |  |  <ul style="list-style-type: none"><li>• Enter channels as narrow as 9/16"</li><li>• 2,000 SFPM Maximum</li></ul>  | 1/2" x 72"  | 11076<br>7/16" dia. x 3/8" wide, steel                 | 11027<br>1/2" wide |

# Versatility Grinder Contact Arms

| Part Number   | Comments  | Belt Size             | Contact Wheel Assembly<br>(includes bearing and shaft)                          | Platen Pad            |
|---|---|-----------------------|---|-----------------------|
| 11350<br>                                      | <ul style="list-style-type: none"> <li>Excellent for cleaning oxide off electrical bus bars</li> <li>Arm has a 12" workable reach</li> <li>2,000 SFPM Maximum</li> </ul>            | 3/4" x 88"            | 11352<br>5/16" dia. x 5/8" wide, steel  | Optional<br>3/4" wide |
| 11360<br>                                      | <ul style="list-style-type: none"> <li>Unique offset design</li> <li>Grind over contact wheels or strap polish</li> <li>4,000 SFPM Maximum</li> </ul>                               | 1/2" x 72"            | 11078<br>5/8" dia. x 3/8" wide, rubber  | None                  |
| 15321<br>                                      | <ul style="list-style-type: none"> <li>For flat grinding using platen pad</li> <li>4,000 SFPM Maximum</li> </ul>  | 1" x 72"              | 15320<br>3/4" dia. x 7/8" wide  | 15323<br>1" wide      |
| 15326<br>                                      | <ul style="list-style-type: none"> <li>Allows for longer reach</li> <li>Grind using platen pad</li> <li>4,000 SFPM Maximum</li> </ul>   | 1" x 78"              | 15320<br>3/4" dia. x 7/8" wide  | 15323<br>1" wide      |
| 15375<br>                                      | <ul style="list-style-type: none"> <li>Great for strap polishing</li> <li>6,000 SFPM Maximum</li> </ul>   | 1" x 78"              | 15348<br>70 durometer<br>2" dia. x 1" wide, rubber                              | None                  |
| 65133<br>                                      | <ul style="list-style-type: none"> <li>Wide width for tight radius finishing</li> <li>4,000 SFPM Maximum</li> </ul>   | 1" x 72"              | 65135<br>70 durometer, flat<br>5/8" dia. x 1" wide, urethane                    | None                  |
| 65182<br>                                      | <ul style="list-style-type: none"> <li>3/8" (10 mm) wide radius wheel for blending</li> <li>4,000 SFPM Maximum</li> </ul>   | 1/4" to<br>1/2" x 72" | 11080<br>70 durometer, radiused<br>1" dia. x 3/8" wide, urethane                | 11027<br>1/2" wide    |
| 67058<br>                                      | <ul style="list-style-type: none"> <li>Offset design for strap finishing</li> <li>2,000 SFPM Maximum</li> </ul>   | 1/2" x 72"            | 11070<br>70 durometer<br>7/16" dia. x 1/2" wide, rubber                         | None                  |
| 67200, 67201, 67202, 67203, 67237, 67242<br> | <ul style="list-style-type: none"> <li>Excellent for finishing shoulder areas as well as contact wheel grinding</li> <li>6,000 SFPM Maximum</li> </ul>                              | 67200<br>1" x 72"     | 11650<br>70 durometer, serrated<br>2" dia. x 1" wide, urethane                  | None                  |
|   |   | 67201<br>3/4" x 72"   | 67045<br>70 durometer, serrated<br>2" dia. x 3/4" wide, urethane                | None                  |
|   |   | 67202<br>5/8" x 72"   | 67044<br>70 durometer, serrated<br>2" dia. x 5/8" wide, urethane                | None                  |
|   |   | 67203<br>1/2" x 72"   | 67043<br>70 durometer, serrated<br>2" dia. x 1/2" wide, urethane                | None                  |
|   |   | 67237<br>1" x 72"     | 67326<br>50 durometer, 2" dia. x 1" wide<br>flat smooth urethane                | None                  |
|   |   | 67242<br>1" x 72"     | 67284<br>40 durometer, serrated<br>2" dia. x 5/8" wide, rubber                  | None                  |
| 67204<br>                                    | <ul style="list-style-type: none"> <li>Unique split wheel design allows grinding up against work area shoulders without arm interference</li> <li>6,000 SFPM Maximum</li> </ul>     | 1-1/2" x 72"          | 67181<br>70 durometer, serrated<br>2" dia., split wheel, urethane<br>2 Required | None                  |
| 67205<br>                                    | <ul style="list-style-type: none"> <li>Unique split wheel design allows grinding up against work area shoulders without arm interference</li> <li>4,000 SFPM Maximum</li> </ul>     | 1-1/2" x 72"          | 67180<br>70 durometer<br>7/8" dia., split wheel, rubber<br>2 required           | None                  |
| 67206<br>                                    | <ul style="list-style-type: none"> <li>Using contact wheel, grind with 1-1/4" wide abrasives; 1-1/16" radius or greater</li> <li>6,000 SFPM Maximum</li> </ul>                      | 1-1/4" x 72"          | 67101<br>70 durometer, serrated<br>2" dia. x 1-1/4" wide, urethane              | None                  |
| 67207<br>                                    | <ul style="list-style-type: none"> <li>Using contact wheel, finish using 1-1/4" wide abrasives; 1/2" radius or greater</li> <li>4,000 SFPM Maximum</li> </ul>                       | 1-1/4" x 72"          | 67107<br>70 durometer<br>7/8" dia. x 1-1/4" wide, urethane                      | None                  |
| 67208<br>                                    | <ul style="list-style-type: none"> <li>Soft durometer contact wheel with smooth face for fine finishing applications</li> <li>6,000 SFPM Maximum</li> </ul>                         | 1-1/4" x 72"          | 67109<br>50 durometer, smooth<br>2" dia. x 1-1/4" wide, urethane                | None                  |
| 67209<br>                                    | <ul style="list-style-type: none"> <li>70 durometer wheel provides a firm support for abrasive belt to allow base finishing of channel areas</li> <li>8,000 SFPM Maximum</li> </ul> | 1/2" x 72"            | 67139<br>70 durometer, serrated<br>4" dia. x 1/2" wide, urethane                | None                  |

# Versatility Grinder Contact Arms




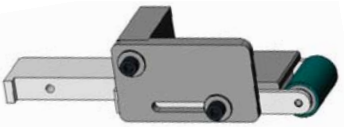
| Part Number   | Comments  | Belt Size             | Contact Wheel Assembly<br>(includes bearing and shaft)                | Platen Pad                   |
|---|---|-----------------------|---|------------------------------|
| 67210<br>                                      | <ul style="list-style-type: none"> <li>Polish contours without gouging workpiece</li> <li>8,000 SFPM Maximum</li> </ul>   | 5/8" to 1" x 72"      | 11642<br>40 durometer, serrated, scoop<br>4" dia. x 5/8" wide, rubber | None                         |
| 67211<br>                                      | <ul style="list-style-type: none"> <li>Blend fillet welds; excellent for tight radius work</li> <li>8,000 SFPM Maximum</li> </ul>   | 1/2" to 1" x 72"      | 11638<br>70 durometer, severe radius<br>4" dia. x 1/2" wide, rubber   | None                         |
| 67212<br>                                      | <ul style="list-style-type: none"> <li>Use contact wheel or platen area for grinding and finishing</li> <li>4,000 SFPM Maximum</li> </ul>   | 1/2" x 72"            | 11078<br>70 durometer<br>5/8" dia. x 3/8" wide, rubber                | 11025*<br>Soft/sponge platen |
| 67213<br>                                      | <ul style="list-style-type: none"> <li>Cutlery contact arm assembly incorporates a large diameter contact wheel and a raised platen assembly for complete finishing capabilities</li> <li>8,000 SFPM Maximum</li> </ul> | 2" x 78"              | 67122<br>50 durometer, smooth<br>4" dia. x 2" wide, Rubber            | 11839<br>Hard/cork platen    |
| 67214<br>                                      | <ul style="list-style-type: none"> <li>Grind and deburr using either the serrated contact wheel or platen assembly</li> <li>6,000 SFPM Maximum</li> </ul>   | 1" x 72"              | 11650<br>70 durometer, serrated<br>2" dia. x 1" wide, urethane        | 11605**<br>Hard/cork platen  |
| 67215, 67216<br>                               | <ul style="list-style-type: none"> <li>Aggressive grinding applications</li> <li>4,000 SFPM Maximum</li> </ul>  | 67215<br>2" x 72"     | 11847:<br>70 durometer, serrated<br>2" dia. x 2" wide, urethane       | None                         |
|   |   | 67216<br>1-1/2" x 72" | 65363<br>70 durometer, serrated<br>2" dia. x 1-1/2" wide, urethane    | None                         |
| 67217<br>                                     | <ul style="list-style-type: none"> <li>Using contact wheel, finish using 1-1/2" wide abrasives; 9/16" radius or greater</li> <li>4,000 SFPM Maximum</li> </ul>  | 1-1/2" x 72"          | 65378<br>70 durometer, flat<br>1" dia. x 1-1/2" wide, urethane        | None                         |
| 67218<br>                                    | <ul style="list-style-type: none"> <li>Excellent for very fine finishing work; use when extreme conformability is necessary.</li> <li>8,000 SFPM Maximum</li> </ul>   | 1" x 72"              | 67068<br>4" dia. x 1/2" wide<br>cotton cushion                        | None                         |
| 67219<br>                                    | <ul style="list-style-type: none"> <li>Material removal applications, castings, etc.</li> <li>6,000 SFPM Maximum</li> </ul>   | 2" x 72"              | 67116<br>2-3/4" dia. x 2" wide, rubber<br>90 durometer, serrated      | None                         |
| 67220, 67221, 67222, 67223, 67328, 67329<br> | <ul style="list-style-type: none"> <li>Turbine blade clusters</li> <li>Great for strap polishing in offset areas</li> <li>2,000 SFPM Maximum</li> <li>Use 67328, 67329 for finishing in shoulder areas.</li> </ul>      | 67220<br>1/2" x 72"   | 11332<br>1/4" dia. x 3/8" wide, steel                                 | None                         |
|   |   | 67221<br>1/2" x 72"   | 11068<br>5/16" dia. x 3/8" wide, steel                                | None                         |
|   |   | 67222<br>3/4" x 72"   | 11352<br>5/16" dia. x 5/8" wide, steel                                | None                         |
|   |   | 67223<br>1/2" x 72"   | 11342<br>50 durometer<br>5/16" dia. x 3/8" wide, rubber               | None                         |
|   |   | 67328<br>1/2" x 72"   | 11342<br>50 durometer<br>5/16" dia. x 3/8" wide, rubber               | None                         |
|   |   | 67329<br>1/2" x 72"   | 11364<br>40 durometer<br>7/16" dia. x 3/8" wide, rubber               | None                         |
| 67224<br>                                    | <ul style="list-style-type: none"> <li>Grind, blend and polish welds; strap polish using slack of belt.</li> <li>8,000 SFPM Maximum</li> </ul>  | 1" x 72"              | 11620<br>40 durometer, rubber<br>4" dia. x 1" wide, smooth            | None                         |
| 67226, 67227<br>                             | <ul style="list-style-type: none"> <li>Access tight areas</li> <li>2,000 SFPM Maximum</li> </ul>  | 67226<br>1/2" x 72"   | 11049<br>3/16" dia. x 3/8" wide, steel<br>3-1/8" reach, 3 required    | None                         |
|   |   | 67227<br>1/2" x 78"   | 11049<br>3/16" dia. x 3/8" wide, steel<br>6-1/2" reach, 3 required    | None                         |

\* Also accepts 11026 Hard/Cork and 11027 Thin Platen

\*\* Also accepts 11604 Soft/Sponge Platen



# Versatility Grinder Contact Arms

| Part Number | Comments   | Belt Size     | Contact Wheel Assembly (includes bearing and shaft)              | Platen Pad                   |
|-------------|--|---------------|--|------------------------------|
| 67228       |  <ul style="list-style-type: none"> <li>Cutlery contact arm assembly for use on Versatility Grinder model 64860</li> <li>8,000 SFPM Maximum</li> </ul>          | 2" x 72"      | 67122<br>50 durometer, smooth<br>4" dia. x 2" wide, Rubber       | 11839<br>Hard/cork<br>platen |
| 67229       |  <ul style="list-style-type: none"> <li>9" workable reach</li> <li>2,000 SFPM Maximum</li> </ul>  | 1/4" x 82"    | 11074<br>5/8" dia. x 1/8" wide, rubber                           | 11032<br>1/4" wide           |
| 67230       |  <ul style="list-style-type: none"> <li>Using contact wheel, finish using 1-1/4" wide abrasives; 1/2" radius or greater</li> <li>4,000 SFPM Maximum</li> </ul>  | 1-1/4" x 72"  | 67105<br>50 durometer<br>7/8" dia. x 1.2" wide,<br>flat urethane | None                         |
| 67239       |  <ul style="list-style-type: none"> <li>Grind and polish implants</li> <li>2,000 SFPM Maximum</li> </ul>  | 1/4" x 72"    | 11072<br>7/16" x 1/8"<br>crowned brass                           | None                         |
| 67245       |  <ul style="list-style-type: none"> <li>Turbine blade clusters</li> <li>Great for strap polishing in offset areas</li> <li>2,000 SFPM Maximum</li> </ul>        | 1/2" x 72"    | 11332<br>1/4" dia. x 3/8" wide, flat steel                       | None                         |
| 67250       |  <ul style="list-style-type: none"> <li>Polish and Grind with slack of belt</li> <li>6,000 SFPM Maximum</li> </ul>   | 1/2"-2" x 96" | Slack Arm  | None                         |
| 67251       |  <ul style="list-style-type: none"> <li>Polish golf club heads</li> <li>Soft face excellent for polishing and blending</li> <li>8,000 SFPM Maximum</li> </ul> | 2" x 82"      | 67285<br>6" x 1-1/2" wide,<br>coated fabric                      | None                         |
| 67264       |  <ul style="list-style-type: none"> <li>Excellent for finishing shoulder areas as well as contact wheel grinding</li> <li>6,000 SFPM Maximum</li> </ul>       | 2" x 72"      | 67263<br>1-1/2" x 2" wide, flat rubber                           | None                         |
| 67278       |  <ul style="list-style-type: none"> <li>Work stop and guide keep grind perpendicular</li> <li>Tight radius finishing</li> <li>4,000 SFPM Maximum</li> </ul>   | 1" x 72"      | 65135<br>5/8" x 1" wide, flat urethane                           | None                         |

## Contact Arm Extenders

### Versatility Grinder Contact Arm Extenders

- Allows use of longer abrasive belts! Versatility Grinder accepts standard 72" long abrasive belts. These extenders allow use of longer belts, as indicated.
- For use with only Versatility Grinder Contact Arms.

#### 67270 Extender

- For 84" long belts

#### 67271 Extender

- For 90" long belts

#### 67272 Extender

- For 96" long belts

#### 67273 Extender

- For 102" long belts



# Electric Tool Post Grinder

## Electric Abrasive Belt Machine



**CONTACT WHEELS**  
PAGE 201

**ACCESSORIES**  
PAGE 201

### For Outer Diameter Grinding, Surface Preparation and Finishing

#### For 2" Wide x 48" Long Belts • Mounts to Standard Lathes

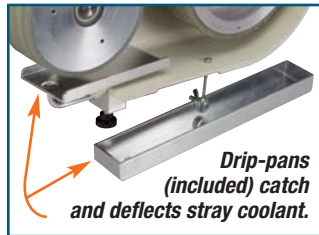
- Air-powered belt tensioning. Easily accessible belt-tracking and air belt-tensioning adjustments.
- Easy-to-dress Contact Wheel. 90 durometer fixed Contact Wheel (66619) is standard. Uses flexible diamond and other abrasive belts.
- Also accepts optional 66621 Contact Wheel (50 durometer).
- Coolant nozzle with adjustable flow valve.

#### Fixed Speed Models

**Model 65750 7,200 SFPM**

**Model 65751 6,000 SFPM**

- Fixed speed for faster cutting.
- Water-tight on/off switch and built-in ammeter measures load.



#### Variable Speed Models

**Model 65752 230 Volt, 2,500-10,500 SFPM**

**Model 65753 460 Volt, 2,500-10,500 SFPM**

- These models include a variable speed rate motor. A digital display shows the operating speed and can be adjusted via keypad to any desired belt speed, even when the tool is in operation. Display also shows load percentage on the motor itself.

*Digital Display Featured on  
Variable Speed Models*



*Ideal for use on steel, hard chrome, tungsten carbide, ceramics, thermal spray.*

| Model Number | Motor hp (W) | Motor RPM | Max. SFPM (SM/Min)       | Voltage | Phase | Frequency | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Width Inch (mm) |
|--------------|--------------|-----------|--------------------------|---------|-------|-----------|-------------------|------------------|------------------|-----------------|
| 65750        | 3 (2,237)    | 3,450     | 7,200 (2,187)            | 230     | 1     | 60 Hz     | 108 (49)          | 19 (483)         | 18 (457)         | 17 (432)        |
| 65751        | 3 (2,237)    | 2,850     | 6,000 (1,823)            | 230     | 1     | 50 Hz     | 108 (49)          | 19 (483)         | 18 (457)         | 17 (432)        |
| 65752        | 3 (2,237)    | N/A       | 2,500-10,500 (762-3,200) | 230     | 3     | 50/60 Hz  | 108 (49)          | 19 (483)         | 18 (457)         | 17 (432)        |
| 65753        | 3 (2,237)    | N/A       | 2,500-10,500 (762-3,200) | 460     | 3     | 50/60 Hz  | 108 (49)          | 19 (483)         | 18 (457)         | 17 (432)        |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### For 2" Wide x 36" Long Belts

- Air-powered belt tensioning. Easily accessible belt-tracking and air belt-tensioning adjustments.
- 90 durometer fixed Contact Wheel (65338) is standard. Uses flexible diamond and other abrasive belts. See page 201 for more Contact Wheels.
- Coolant nozzle with adjustable flow valve.
- Rigidly mounts to all standard lathes.

**Model 64991 60 Hz, 4,500 SFPM**

**Model 64993 50 Hz, 4,500 SFPM**

- These models feature air-powered belt tensioning.

**Model 65014 60 Hz, 4,500 SFPM**

**Model 65016 50 Hz, 4,500 SFPM**

- These models feature a manual tensioning lever.



| Model Number | Motor hp (W) | Motor RPM | Max. SFPM (SM/Min) | Voltage | Phase | Frequency | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Width Inch (mm) |
|--------------|--------------|-----------|--------------------|---------|-------|-----------|-------------------|------------------|------------------|-----------------|
| 64991        | 2 (1,491)    | 3,450     | 4,500 (1,367)      | 230     | 1     | 60 Hz     | 89 (40)           | 16 (406)         | 13-1/2 (343)     | 17 (432)        |
| 64993        | 2 (1,491)    | 2,850     | 4,500 (1,367)      | 230     | 1     | 50 Hz     | 89 (40)           | 16 (406)         | 13-1/2 (343)     | 17 (432)        |
| 65014        | 2 (1,491)    | 3,450     | 4,500 (1,367)      | 230     | 1     | 60 Hz     | 89 (40)           | 16 (406)         | 13-1/2 (343)     | 17 (432)        |
| 65016        | 2 (1,491)    | 2,850     | 4,500 (1,367)      | 230     | 1     | 50 Hz     | 89 (40)           | 16 (406)         | 13-1/2 (343)     | 17 (432)        |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Air Tool Post Grinder

## Air-Powered Abrasive Belt Machine



**CONTACT WHEELS  
BELOW**

**ACCESSORIES  
BELOW**

*For Outer Diameter Grinding, Surface Preparation, Finishing*

*For 1-1/2" Wide x 24" Long Belts*

**FOR ABRASIVE BELTS**  
1-1/2" wide x 24" long  
(38 mm x 610 mm)  
*SEE PAGE 272*

### Model 66402

- Lightweight – only 19 lbs. (8.6 kg)!
- For use on metal, glass, stone, rubber, ceramic, carbide composites and other hard-to-grind materials.
- Use with standard lathes. Simple tool holder mounting. Holds close tolerances.
- Rigid stainless steel and aluminum alloy machine construction.
- Surface finishes of 2-3 Ra obtainable using micron-grade abrasive belts.
- Reduce surface finish on materials prior to a superfinishing process.
- In-line belt tracking prevents uneven belt stretching as found on conventional belt tracking arrangements.
- Fingertip controls for both motor on/off and adjustable air-belt tensioning.
- Cutaway housing allows working into workpiece shoulders from right to left.
- 66430 Plain-Faced Contact Wheel, 1-1/2" wide x 4" diameter (38 mm x 102 mm) is 70 durometer, with other densities and styles available.



Model  
66402  
(Shown with  
optional  
Coolant  
Nozzle)

| Model Number | Motor hp (W) | Motor RPM | Maximum Air Flow CFM (SCFM) | Maximum SFPM (SM/Min) | Air Inlet Thread | Hose Size Inch (mm) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Width Inch (mm) |
|--------------|--------------|-----------|-----------------------------|-----------------------|------------------|---------------------|-------------------|------------------|------------------|-----------------|
| 66402        | 1.86 (1,387) | 7,200     | 9 (66)                      | 4,700 (1,428)*        | 3/8" NPT         | 1/2 (13)            | 19 (8.6)          | 15 (381)         | 10 (254)         | 6 (152)         |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) \*At Maximum Load

## Accessories for Models 64991, 64993, 65014, 65016

### Tool Post Grinder Contact Wheels

| Part Number | Diameter Inch (mm) | Width Inch (mm) | Face Material  |
|-------------|--------------------|-----------------|----------------|
| 65237       | 4 (102)            | 2 (51)          | 70 Duro Rubber |
| 65338*      | 4 (102)            | 2 (51)          | 90 Duro Rubber |
| 65339       | 4 (102)            | 2 (51)          | 50 Duro Rubber |
| 65340       | 4 (102)            | 2 (51)          | Steel          |

\*Standard on machine. All include 2 each of 97502 Bearing.

### 65415 Slack Belt Attachment

- 2" (51 mm) x 36" (915 mm).
- Specialized contact arm assembly allows slack polishing of workpieces up to 20" (508 mm) diameter.



## Accessories for Models 65750-65753

### 66643 Slack Belt Attachment

- 2" (51 mm) x 48" (122 cm).
- Specialized contact arm assembly allows slack polishing of workpieces up to 20" (508 mm) diameter.



## Accessories for Model 66402

### Contact Wheel Assembly Parts (Sold Separately)



### 66402 Tool Post Grinder Contact Wheels

| Part Number | Diameter Inch (mm) | Width Inch (mm) | Face Material             |
|-------------|--------------------|-----------------|---------------------------|
| 66429       | 4 (102)            | 1-1/2 (38)      | 50 Duro Plain Neoprene    |
| 66430       | 4 (102)            | 1-1/2 (38)      | 70 Duro Plain Neoprene    |
| 66431       | 4 (102)            | 1-1/2 (38)      | 90 Duro Plain Neoprene    |
| 66432       | 4 (102)            | 1-1/2 (38)      | 70 Duro Serrated Neoprene |
| 66433       | 4 (102)            | 1-1/2 (38)      | 90 Duro Serrated Neoprene |

### 66439 Mount

- Allows offset tool installation for "facing" passes.





# SuperFinisher

## Slow-Speed Microfinishing Machine



**COOLANT FILTRATION**  
PAGE 203

**ACCESSORIES**  
PAGE 203

### Achieves Consistent, Repeatable Finishes

**FOR MICROFINISHING ROLLS**  
1"-4" wide (25 mm-102 mm)  
SEE PAGE 287



*SuperFinisher achieves repeatable high-quality finishes on cylindrical parts and rolls. Moving microfinishing rolls as slowly as 1/16" per minute, finishes are achieved of less than 1 Ra, and are repeatable at any time! Ideal on tungsten carbide, chilled iron, stainless steel, tool steel, forged steel, chrome plating, nickel, brass, copper, aluminum, epoxy, thermal spray, composites, stone, ceramics, polyurethane, rubber and nylon. For industries including steel mills, paper mills, textiles, aluminum rolls, film extruders, decorative stainless, copper foil electron-deposition and more.*

#### Adjustable Abrasive Roll Feed

Adjustable from 1/6" to 1-1/2" per minute, allowing abrasive to be fully consumed, eliminating waste of expensive abrasives.

#### Adaptable Control Box

Mounts on back or side of SuperFinisher or remotely with optional 15' flexible conduit for optimal customization to your lathe.

#### Locking Controls

Control knobs lock to maintain exact repeatability. Also reduces the possibility of setting changes if machine is bumped.

#### Precision Air Pressure Regulator

Ensures a uniform contact force between the workpiece and roller.

#### 5" Diameter Contact Wheel

Allows 2" shoulder clearance on workpiece.

#### Changeable Contact Wheels

1", 2", 3" and 4" wide Contact Wheels are mountable for a variety of applications.

#### Mounting Bracket

Has ground face for easier setup. **Mounts to lathe in less than 5 minutes!**

#### Maintenance Hour Meter

Allows operator to see when to grease bushings on the oscillating head, extending the service life of unit.

## Features & Benefits

### Model 64000 115 Volt

### Model 64001 230 Volt

- Mounts to standard machine shop lathes in 5 minutes!
- Constantly advances new abrasive at a speed from 1/16" to 1-1/2" per minute.
- Precision air pressure regulator ensures a uniform contact force between the workpiece and roller.
- Abrasive speeds as low as 1/16" means utilizing all the abrasive, extending the abrasive life and eliminating re-use of roll with possible variance in finish. Designed with new diamond abrasives in mind.
- Replaces polishing steps – using diamond super-abrasives and lapping film, finishes less than 1 Ra are attainable.
- Compact design makes the unit easier to fit onto almost any size lathe, and provides good visibility of workpiece.
- Balanced oscillating head with adjustable 0-15 cycles/second for smooth operation.
- Front-of-lathe or back-of-lathe mounting configuration for user preference or lathes without reverse rotation.
- No tools needed to change abrasive rolls. Simple pneumatic clamping mechanism for quick abrasive changes.
- GFI protection.

| Model Number | Length Inch (mm) | Width Inch (mm) | Height Inch (mm) | Machine Weight Pound (kg) | Motor hp (W) | Oscillation Amplitude | Electrical Volts / Phase / Hz | Air Inlet Thread | Abrasive Advance Inch (mm) Per Minute |
|--------------|------------------|-----------------|------------------|---------------------------|--------------|-----------------------|-------------------------------|------------------|---------------------------------------|
| 64000        | 32 (813)         | 13 (330)        | 18 (457)         | 115 (52.16)               | .5 (373)     | 1/4"                  | 115 / 1 / 60                  | 1/4" NPT         | 1/16 (1.53) - 1-1/2 (38)              |
| 64001        | 32 (813)         | 13 (330)        | 18 (457)         | 115 (52.16)               | .5 (373)     | 1/4"                  | 230 / 1 / 60                  | 1/4" NPT         | 1/16 (1.53) - 1-1/2 (38)              |
| 64003        | 32 (813)         | 13 (330)        | 18 (457)         | 115 (52.16)               | .5 (373)     | 1/4"                  | 230 / 1 / 50                  | 1/4" NPT         | 1/16 (1.53) - 1-1/2 (38)              |

# SuperFinisher Accessories

## Contact Wheel Assemblies



| Wheel Duro | 1" wide (25 mm) | 2" wide (51 mm) | 3" wide (76 mm) | 4" wide (102 mm) |
|------------|-----------------|-----------------|-----------------|------------------|
| 50         | 63980           | 63983           | 63986           | 63989            |
| 70         | 63981           | 63984           | 63987           | 63990            |
| 90         | 63982           | 63985           | 63988           | 63991            |

## 15' Extended Length Conduit

### Part No. 63979

- Use to mount control box remotely.
- Order a quantity of 2 for 30' length (maximum).
- Factory installed.



# Coolant Filtration System

*Superfinishing requires very clean coolant. If the coolant is not filtered, the grinding residue will act as an abrasive slurry, which can affect the final finish. Dynabrade's 68000 Coolant Filtration System filters the coolant to 1μ, eliminating this problem.*

**Model 68000 115 Volt, 1 Phase**

**Model 68100 230 Volt, 1 Phase**

**Model 68101 230 Volt, 3 Phase**

- 120 Volt System for easy hookup.
- 2-stage filters to prevent 1-micron filter from clogging prematurely.
- 40 gallon tank – removable for cleaning.
- Unit on casters for easy portability.
- Compact construction.
- Transparent Tank for viewing coolant level.
- Easy access for changing filters.
- Self-priming Centrifugal Pump.
- GFI protection.

## Replacement Filters

### 66631

- 1-micron Disposable Filter Cartridge.

### 66635

- 5-micron Disposable Filter Cartridge.



| Model Number | Motor hp (W) | Flow Rate Per Minute | Voltage | Phase | Frequency | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Width Inch (mm) |
|--------------|--------------|----------------------|---------|-------|-----------|-------------------|------------------|------------------|-----------------|
| 68000        | .5 (373)     | 1.5 gal.             | 115     | 1     | 60 Hz     | 103 (46.7)        | 36 (914.4)       | 28 (711.2)       | 28 (711.2)      |
| 68100        | .5 (373)     | 1.5 gal.             | 230     | 1     | 60 Hz     | 103 (46.7)        | 36 (914.4)       | 28 (711.2)       | 28 (711.2)      |
| 68101        | .5 (373)     | 1.5 gal.             | 230     | 1     | 50 Hz     | 103 (46.7)        | 36 (914.4)       | 28 (711.2)       | 28 (711.2)      |





# ***SOURCE CAPTURE SYSTEMS***

|   |     |   |     |
|---|-----|---|-----|
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# Downdraft Sanding Tables

**Eliminate Airborne Dust and Contaminants While Sanding**

**Products on this page  
not available in Europe.**

(See page 206 for  
European models.)

**For Use with Non-Metallic Surfaces Only**

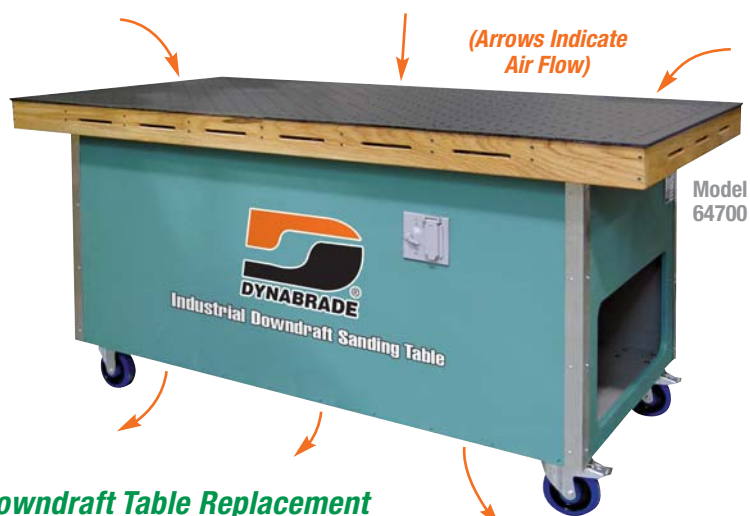
## Standard Duty Tables

**Model 64201** Working Area of 33" W x 41" L

**Model 64699** Working Area of 33" W x 60" L

**Model 64700** Working Area of 36" W x 72" L

- Ideal for use with vacuum or non-vacuum tools.
- Dual filtration – accepts MERV 8 pleated paper filters, 20" W x 25" L. (Models 64201 and 64699 include two filters; model 64700 includes three.) See page 220.
- Each model also includes one pre-filter blanket.
- Rhino Linings® coated tabletop surface is durable and anti-slip.
- 5" diameter casters allow easy maneuverability of table.
- Two handy storage compartments for tools and accessories.
- Two convenient dust-tight electric outlets.



**See Downdraft Table Replacement  
Filters on page 220**

## Heavy Duty Table

**Model 64657** Working Area of 48" W x 96" L

- Includes eight 20" x 25" paper filters (64658) and four 16" x 25" paper filters (64659).
- Dual filtration – pre-filter blanket and MERV 8 paper filters. (See page 220.)
- Up to 70% more filter area than competitive brands.
- High quality reverse incline blowers. Heavy duty TEFC twin electric motors.
- Base unit is all-metal construction with CNC milled 3/4" MDF tabletop.
- Anti-static, anti-slip mat (64970) is included, and available separately. Optional 5" diameter casters also available.



| Model Number | Motor hp   | Volts/Hz | Phase | Air Flow  | Current Amps | Working Area Width Inch (mm) | Working Area Length Inch (mm) | Height Inch (mm) | Shipping Weight Pound (kg) |
|--------------|------------|----------|-------|-----------|--------------|------------------------------|-------------------------------|------------------|----------------------------|
| 64201        | 1          | 115/60   | 1     | 3,000 CFM | 13           | 33 (838)                     | 41 (1,041)                    | 36 (914)         | 275 (125)                  |
| 64699        | 1          | 115/60   | 1     | 3,000 CFM | 13           | 33 (838)                     | 60 (1,524)                    | 36 (914)         | 285 (129)                  |
| 64700        | 1          | 115/60   | 1     | 3,000 CFM | 13           | 36 (914)                     | 72 (1,829)                    | 36 (914)         | 365 (166)                  |
| 64657        | 1.5 (Dual) | 115/60   | 1     | 7,000 CFM | 15           | 48 (1,219)                   | 96 (2,438)                    | 37 (940)         | 970 (440)                  |
| 64205        | 1          | 230/60   | 1     | 3,000 CFM | 7            | 33 (838)                     | 41 (1,041)                    | 36 (914)         | 275 (125)                  |
| 64206        | 1          | 230/60   | 1     | 3,000 CFM | 7            | 33 (838)                     | 60 (1,524)                    | 36 (914)         | 285 (129)                  |
| 64207        | 1          | 230/60   | 1     | 3,000 CFM | 7            | 36 (914)                     | 72 (1,829)                    | 36 (914)         | 365 (166)                  |
| 64208        | 1          | 230/60   | 3     | 3,000 CFM | 4            | 33 (838)                     | 41 (1,041)                    | 36 (914)         | 275 (125)                  |
| 64209        | 1          | 230/60   | 3     | 3,000 CFM | 4            | 33 (838)                     | 60 (1,524)                    | 36 (914)         | 275 (125)                  |
| 64210        | 1          | 230/60   | 3     | 3,000 CFM | 4            | 36 (914)                     | 72 (1,829)                    | 36 (914)         | 365 (166)                  |
| 63208        | 1          | 460/60   | 3     | 3,000 CFM | 2            | 33 (838)                     | 41 (1,041)                    | 36 (914)         | 275 (125)                  |
| 63209        | 1          | 460/60   | 3     | 3,000 CFM | 2            | 33 (838)                     | 60 (1,524)                    | 36 (914)         | 285 (129)                  |
| 63210        | 1          | 460/60   | 3     | 3,000 CFM | 2            | 36 (914)                     | 72 (1,829)                    | 36 (914)         | 365 (166)                  |
| 64493        | 1          | 220/50   | 1     | 3,000 CFM | 13           | 33 (838)                     | 41 (1,041)                    | 36 (914)         | 275 (125)                  |
| 64490        | 1          | 220/50   | 1     | 3,000 CFM | 13           | 33 (838)                     | 60 (1,524)                    | 36 (914)         | 285 (129)                  |
| 64492        | 1          | 220/50   | 1     | 3,000 CFM | 13           | 36 (914)                     | 72 (1,829)                    | 36 (914)         | 365 (166)                  |

Additional Specifications: Sound Level 72 dB(A); 64657 – 75 dB(A)

# Downdraft Sanding Tables

Available in EUROPEAN COUNTRIES ONLY

*For Use with Non-Metallic Surfaces Only.  
Eliminates Airborne Dust and Contaminants While Sanding.*

## Standard Duty Tables

### Model 64202

*Working Area of 84 cm x 104 cm (33" x 41")*

### Model 64203

*Working Area of 84 cm x 152 cm (33" x 60")*

### Model 64204

*Working Area of 91 cm x 183 cm (36" x 72")*

- Eliminates airborne dust and contaminants while sanding.
- Easy to clean and a very mobile solution for all work areas.
- Ideal for using non-vacuum, central vacuum, or self-generated portable vacuum tools.
- Rhino Linings® coated tabletop surface is durable and anti-slip.
- Dual filtration system – accepts MERV 8 pleated paper filters (see page 220).



## Downdraft Table Accessory Pack

### Model 22070

- Option sold separately or already mounted on the Downdraft Table.
- The air manifold requires only one incoming airline and has 6 outgoing air plugs from the manifold, allowing up to 6 tools to be connected. No need to disconnect one tool in order to use a second tool, saving operation time.
- The Filter-Regulator-Lubricator (FRL) ensures that uncontaminated air is supplied to motors of pneumatic tools. Lubrication through the air supply reduces friction and wears in components of air motors.
- Includes On/Off air valve, 10681 Filter-Regulator-Lubricator, Air Manifold fitted with four 64689 1/4" air couplers, two 98270 3/8" air couplers, two 22057 vacuum ports, and all fittings and screws required for assembly.



## Downdraft Tables Mounted with Accessory Pack

### Model 64192 Working Area of 84 cm x 104 cm (33" x 41")

- Downdraft Table 64202 mounted with accessory pack Model 22070.

### Model 64193 Working Area of 84 cm x 152 cm (33" x 60")

- Downdraft Table 64203 mounted with accessory pack Model 22070.

### Model 64194 Working Area of 91 cm x 183 cm (33" x 72")

- Downdraft Table 64204 mounted with accessory pack Model 22070.

Accessory Pack  
Model 22070  
Mounted to 64194  
Downdraft Table



| Model Number | Motor W        | Volts/Hz | Phase | Vacuum Suction | Sound Level | Working Area Width | Working Area Length | Height      | Standard Duty Shipping Weight* |
|--------------|----------------|----------|-------|----------------|-------------|--------------------|---------------------|-------------|--------------------------------|
| 64202/64192  | 550 W (.75 hp) | 230/50   | 1     | 1900 CFM       | 72 dB(A)    | 84 cm (33")        | 104 cm (41")        | 91 cm (36") | 120 kg (264.5 lb.)             |
| 64203/64193  | 550 W (.75 hp) | 230/50   | 1     | 1900 CFM       | 72 dB(A)    | 84 cm (33")        | 152 cm (60")        | 91 cm (36") | 130 kg (286.6 lb.)             |
| 64204/64194  | 550 W (.75 hp) | 230/50   | 1     | 1900 CFM       | 72 dB(A)    | 91 cm (36")        | 183 cm (72")        | 91 cm (36") | 150 kg (330.7 lb.)             |

\*Shipping weight of Tables with Accessory Pack: 64192 – 125.2 kg (276 lb.); 64193 – 135.2 kg (298 lb.); 64194 – 155.2 kg (342 lb.)

# Metal Capture Downdraft Table

**Capture Combustible Metal Grinding Particles in Water**

*Ideal for Capturing Aluminum or Titanium Dust.*

*Utilized in Aircraft & Military Operations, Refineries, Foundries, More.*

## Meets These NFPA Requirements:

- Interlock Pneumatic Valve with Blower and Time-Delay. Tools operate only when Downdraft Table is running!
- Class II, Group E Explosion-Proof Motor
- Aluminum Top for Non-Spark Work Surface
- Non-Spark Aluminum Blower on Collector's Clean-Air Side
- Automatic Water Level Control
- Vented Sump (Main Tank)
- Low Voltage Control
- Lockable Fused Power Disconnect

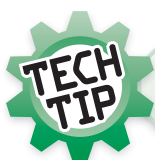


**WATCH  
Table  
at Work!**

## Features & Benefits:

### Models 64400 – 64405

- Working area of 36" wide x 60" long accommodates large work pieces.
- Includes casters for easy maneuvering; casters also lock securely into place.
- Choice of models that direct exhaust down, up, or to the side.
- Overload protection / fused disconnect for safety.
- Sturdy 12-gauge construction.
- Includes shields for both sides and back of table.
- Work piece capacity / load rating of 2,000 pounds.
- 42 gallon capacity; 1,800 CFM at 4" static pressure.
- Easy system maintenance. No paper filters to replace!



Remove the back and side shields to allow use with oversized workpieces.

*CE certification is pending for European countries. Please contact us for availability.*

| Model Number | Motor hp | Volts | Phase | Frequency | CFM   | Exhaust Direction | Current Amps | Working Area Width Inch (mm) | Working Area Length Inch (mm) | Height Inch (mm) | Shipping Weight Pound (kg) |
|--------------|----------|-------|-------|-----------|-------|-------------------|--------------|------------------------------|-------------------------------|------------------|----------------------------|
| 64400        | 3        | 230   | 3     | 60 Hz     | 1,800 | Down              | 6            | 36 (914)                     | 60 (1,524)                    | 33 (838)         | 700 (318)                  |
| 64402        | 3        | 230   | 3     | 60 Hz     | 1,800 | Up                | 6            | 36 (914)                     | 60 (1,524)                    | 33 (838)         | 700 (318)                  |
| 64404        | 3        | 230   | 3     | 60 Hz     | 1,800 | Side              | 6            | 36 (914)                     | 60 (1,524)                    | 33 (838)         | 700 (318)                  |
| 64401        | 3        | 460   | 3     | 60 Hz     | 1,800 | Down              | 3.3          | 36 (914)                     | 60 (1,524)                    | 33 (838)         | 700 (318)                  |
| 64403        | 3        | 460   | 3     | 60 Hz     | 1,800 | Up                | 3.3          | 36 (914)                     | 60 (1,524)                    | 33 (838)         | 700 (318)                  |
| 64405        | 3        | 460   | 3     | 60 Hz     | 1,800 | Side              | 3.3          | 36 (914)                     | 60 (1,524)                    | 33 (838)         | 700 (318)                  |

Additional Specifications: Sound Level 85 dB(A)



# Metal Capture Downdraft Station

Entraps Combustible Filings & Dust in Air/Water Mixing Zone

*Ideal for Capturing Aluminum or Titanium Dust.  
Utilized for Aircraft Maintenance, Medical Implants, Foundries, More.*

**Meets These NFPA Requirements:**

- Interlock Pneumatic Valve with Blower and Time-Delay. Tools operate only when Downdraft Table is running!
- Class II, Group E Explosion-Proof Motor
- Aluminum Top for Non-Spark Work Surface
- Non-Spark Aluminum Blower on Collector's Clean-Air Side
- Automatic Water Level Control
- Vented Sump (Main Tank)
- Low Voltage Control
- Lockable Fused Power Disconnect



**WATCH  
Station  
at Work!**

**Features & Benefits:**

**Models 64300, 64304, 64350, 64354**

- Greatly decreases potential flammability of work area, when removing material from volatile substances.
- Models 64300/64304 include working area 18" wide x 36" long.
- Models 64350/64354 include larger working area of 26" wide x 36" long.
- Unique "tabletop" design is available only from Dynabrade!
- Sturdy stainless steel construction, with powder coat finish.
- 25 gallon capacity; 1,000 CFM.
- Overload protection / fused disconnect for safety.
- Requires no tools to access internal compartment.
- Optional side shields are available.
- Easy system maintenance. No paper filters to replace!

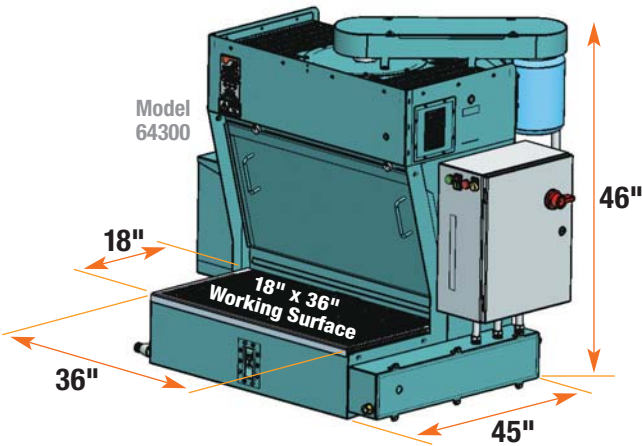
**Optional Accessories:**

**64331 Side Shield Kit**

- Increases dust capture when disc grinding.

**64330 Front & Side Shield Kit**

- Includes clear panel to enclose work zone.



**CE certification is pending for European countries. Please contact us for availability.**

| Model Number | Motor hp | Volts | Phase | Frequency | CFM   | Current Amps | Sound Level | Working Area (W x L) Inch (mm) | Shipping Weight Pound (kg) |
|--------------|----------|-------|-------|-----------|-------|--------------|-------------|--------------------------------|----------------------------|
| 64300        | 1        | 230   | 3     | 60 Hz     | 1,000 | 3            | 85 dB(A)    | 18 x 36 (457 x 914)            | 461 (209)                  |
| 64350        | 1        | 230   | 3     | 60 Hz     | 1,000 | 3            | 85 dB(A)    | 26 x 36 (660 x 914)            | 518 (235)                  |
| 64304        | 1        | 460   | 3     | 60 Hz     | 1,000 | 1.5          | 85 dB(A)    | 18 x 36 (457 x 914)            | 461 (209)                  |
| 64354        | 1        | 460   | 3     | 60 Hz     | 1,000 | 1.5          | 85 dB(A)    | 26 x 36 (660 x 914)            | 518 (235)                  |

# Electric Portable Vacuum System

## Connect and Operate Two Tools Simultaneously

*For Vacuuming on Non-Metallic Surfaces Only*

### Models 61300-61311

- Choose from 9.9 (36 liters) or 17 gallon (64 liters) models. Dry vacuum only.
- Two-tool setup: two pneumatic outlets and two vacuum hose ports.
- Heavy-duty stainless steel drum. Drum can be removed for special applications or locations.
- 100 CFM vacuum flow.
- Electric configurations available for use outside USA – see chart below.
- HEPA filtration (0.3 micron) with felt insert and paper bag.
- Variable vacuum control; max flow internal pneumatic workings.
- Electronic thermal protection device prevents heat overload of motor.
- Includes disposable paper bag, which fits inside steel drum for convenient collection/disposal of debris. (Reorder part number 64682 for 9.9 gal. [36 L] vacuum; part number 80076 for 17 gal. [64 L] vacuum.)
- 7.5' (229 cm) water static lift/230 mbar vacuum.
- Two lightweight coaxial hoses, 1-1/4" (32 mm) dia. x 20' (6 m) long (see page 210).
- Auto on/off switch, 26' (8 m) electrical cord.
- UL (United States and Canada), CE and GOST approved/listed.
- Features Dynabrade's Composite-Style Couplers and Vacuum Hose Swivel Adapter.

61300  
9.9 gallon  
(36 liters)



SOURCE CAPTURE SYSTEMS

61300  
9.9 gallon  
(36 liters)



61301  
17 gallon  
(64 liters)



61301  
17 gallon  
(64 liters)



*See Portable Vacuum Accessories on Page 214!*

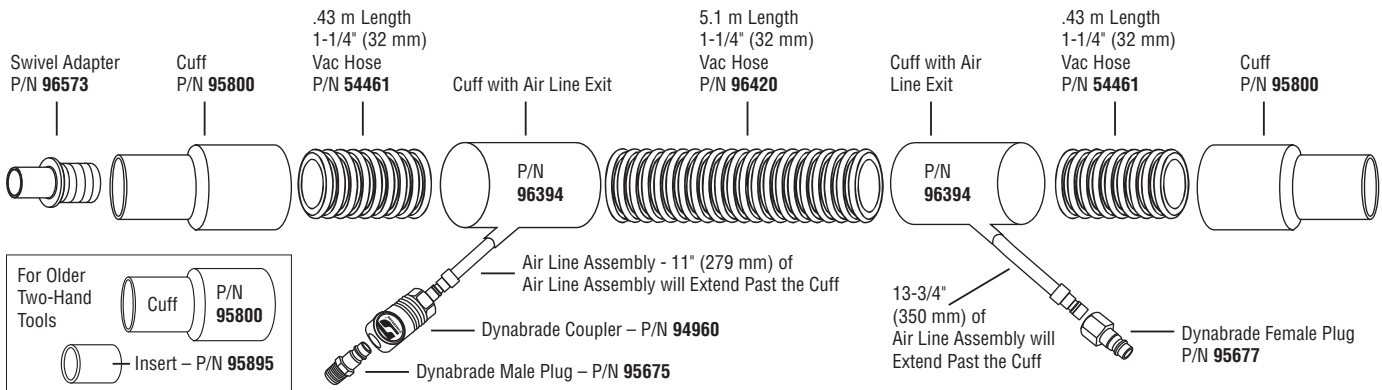
| Model Number | Tank Size Gallon (Liter) | Voltage/Frequency | Watts | Plug (Region)        | Tool Air Pressure PSIG (Bar) | Water Static Lift Inch/cm/mbar | Sound Level | Shipping Weight Pound (kg) | Height Inch (mm) | Width Inch (mm) |
|--------------|--------------------------|-------------------|-------|----------------------|------------------------------|--------------------------------|-------------|----------------------------|------------------|-----------------|
| 61300        | 9.9 (36)                 | 120V/60 Hz        | 1,300 | US (US/Canada)       | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 48.4 (22)                  | 38-1/2 (98)      | 20-7/8 (53)     |
| 61301        | 17 (64)                  | 120V/60 Hz        | 1,300 | US (US/Canada)       | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 61.6 (28)                  | 44-7/8 (114)     | 27-5/8 (70)     |
| 61302        | 9.9 (36)                 | 230V/50 Hz        | 1,400 | UK (UK)              | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 48.4 (22)                  | 38-1/2 (98)      | 20-7/8 (53)     |
| 61303        | 17 (64)                  | 230V/50 Hz        | 1,400 | UK (UK)              | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 61.6 (28)                  | 44-7/8 (114)     | 27-5/8 (70)     |
| 61304        | 9.9 (36)                 | 110V/60 Hz        | 1,300 | UK (UK)              | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 48.4 (22)                  | 38-1/2 (98)      | 20-7/8 (53)     |
| 61305        | 17 (64)                  | 110V/60 Hz        | 1,300 | UK (UK)              | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 61.6 (28)                  | 44-7/8 (114)     | 27-5/8 (70)     |
| 61306        | 9.9 (36)                 | 230V/50 Hz        | 1,400 | CEE7/XVII (Europe)   | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 48.4 (22)                  | 38-1/2 (98)      | 20-7/8 (53)     |
| 61307        | 17 (64)                  | 230V/50 Hz        | 1,400 | CEE7/XVII (Europe)   | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 61.6 (28)                  | 44-7/8 (114)     | 27-5/8 (70)     |
| 61308        | 9.9 (36)                 | 230V/50 Hz        | 1,400 | None (International) | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 48.4 (22)                  | 38-1/2 (98)      | 20-7/8 (53)     |
| 61309        | 17 (64)                  | 230V/50 Hz        | 1,400 | None (International) | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 61.6 (28)                  | 44-7/8 (114)     | 27-5/8 (70)     |
| 61310        | 9.9 (36)                 | 220V/60 Hz        | 1,400 | (Far East)           | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 48.4 (22)                  | 38-1/2 (98)      | 20-7/8 (53)     |
| 61311        | 17 (64)                  | 220V/60 Hz        | 1,400 | (Far East)           | 90 (6.2)                     | 90/229/224                     | 76 dB(A)    | 61.6 (28)                  | 44-7/8 (114)     | 27-5/8 (70)     |

# Coaxial Vacuum Hose Assembly

For Dynabrade Portable Vacuum Models 61300-61311

## Part No. 94941

1-1/4" Diameter x 20' Long (32 mm x 6 m)

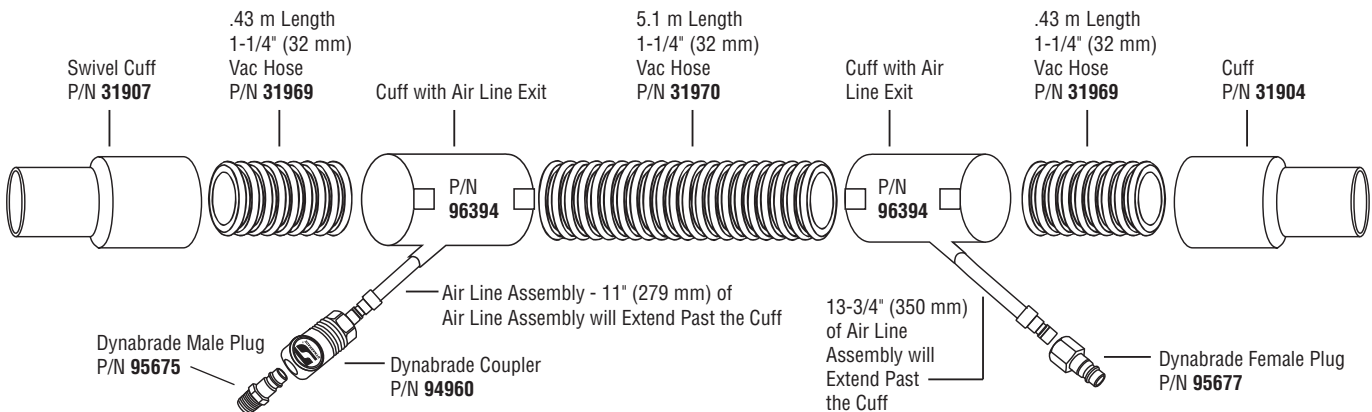


# Conductive Vacuum Hose Assemblies

For Dynabrade Portable Vacuum Models 61300-61311

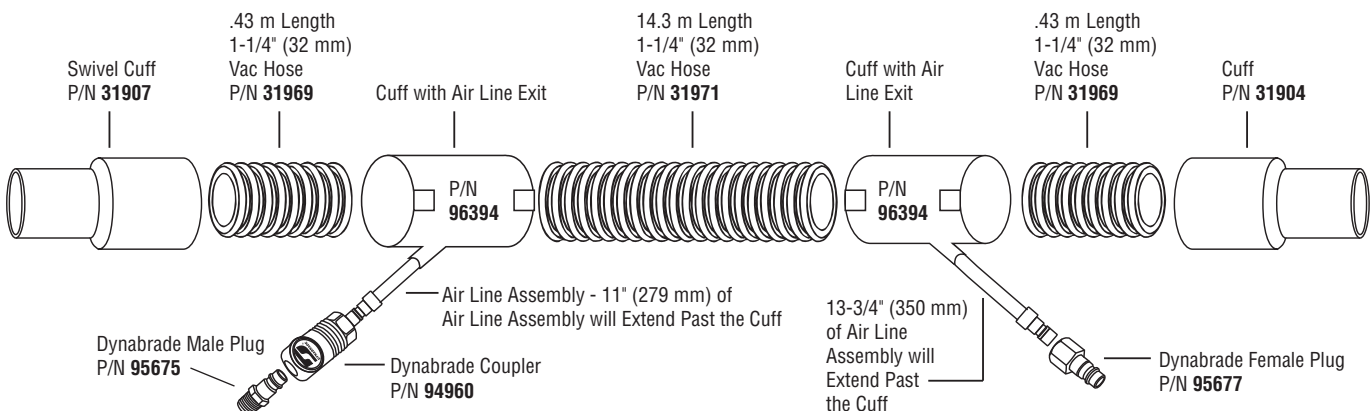
## Part No. 31962

1-1/4" Diameter x 20' Long (32 mm x 6 m)



## Part No. 31963

1-1/4" Diameter x 50' Long (32 mm x 15 m)





# Electric Industrial Portable Vacuum

Industrial Quality, for Dry or Wet Applications

*For Vacuuming on Non-Metallic Surfaces Only*

## Model 61500

- Captures dust and debris for cleaner, safer workplace.
- Includes HEPA Filter Assembly, certified 99.97% efficient at 0.3 microns.
- **Allows use of two tools simultaneously!** Includes 31960 Conductive Hose Assembly with conductive Y-hose adapter, conductive dual hose and cuffs, plus dual air lines. (All accessories also sold separately.)
- 10 gallon (38 liter) dry capacity; 12 gallon (45 liter) wet capacity.
- 120 CFM vacuum flow.
- Sealed motorhead design protects motor components from dust, ensuring longer life.
- Three-position switch for automatic start-up of tool, or manual operation.
- 10-second "power down" delay allows debris to be cleared from hose after tool deactivation.
- Convenient warning light indicates filter needs replacing.
- Large 10 gallon (38 liter) paper filter collection bag.
- Sturdy 20 gallon (76 liter) stainless steel tank.



SOURCE CAPTURE SYSTEMS

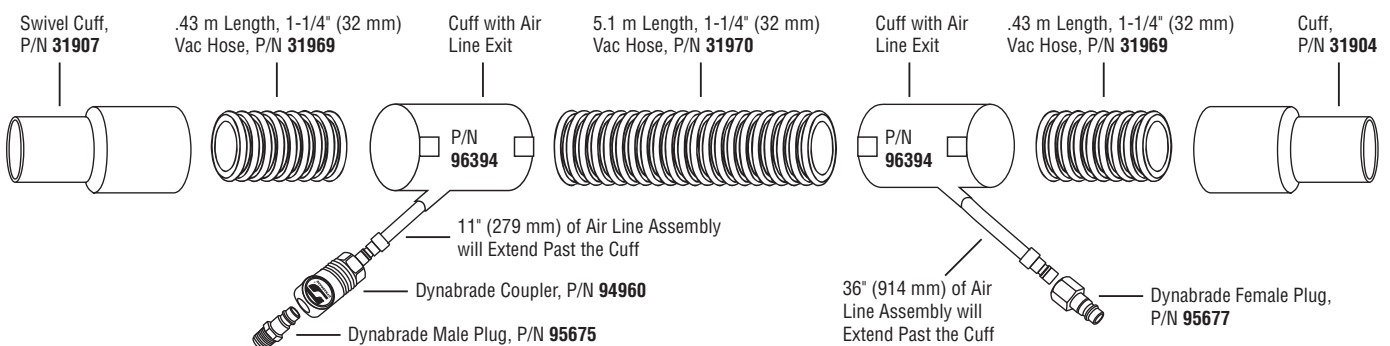
| Model Number | Dry Capacity Gallon (Liter) | Wet Capacity Gallon (Liter) | Voltage/Frequency | Watts | Plug (Region)     | Air Pressure PSIG (Bar) | Water Static Lift Inch/cm | Weight Pound (kg) | Height Inch (mm) |
|--------------|-----------------------------|-----------------------------|-------------------|-------|-------------------|-------------------------|---------------------------|-------------------|------------------|
| 61500        | 10 (38)                     | 12 (45)                     | 115V/50-60 Hz     | 1,400 | USA/Canada/Mexico | 90 (6.2)                | 88 (224)                  | 64 (29)           | 40 (102)         |

# Conductive Vacuum Hose Assembly

For Use With 61500 Industrial Portable Vacuum

## Part No. 31960

*1-1/4" Diameter x 20' Long (32 mm x 6 m)*



# Electric Portable Vacuum System

Available in EUROPEAN COUNTRIES ONLY

## For Vacuuming on Non-Metallic Surfaces Only

- Ready for connection to Dynabrade vacuum-ready tools, these systems efficiently remove dust and debris, while providing versatility and portability.
- Dry vacuum only. Heavy duty stainless steel drum.
- Two-tool setup: two pneumatic outlets and two vacuum hose ports.
- HEPA filtration (0.3 micron) with felt insert and paper bag
- Classified in the dust class "M" in accordance with the European Standard EN 60335-2-69.
- Variable vacuum control.
- Electronic thermal protection device prevents heat overload of motor.
- Heavy duty four-wheel trolley with easy tilt 'n clean drum. Drum can be removed for special applications or locations.
- Disposable paper bag fits inside steel drum for convenient collection/disposal of debris. One disposable paper bag included with vacuum. Part number 64682 for 36 L (9.9 gal.) vacuum; part number 80076 for 64 L (17 gal.) vacuum.
- Max flow internal pneumatic workings.
- 2.3 m (7.5') water static lift/230 mbar vacuum.
- Two lightweight coaxial hoses, 32 mm (1-1/4") dia. x 6 m (19.7') long.
- Auto on/off switch, 8 m (26-1/4') electrical cord.
- UL (United States and Canada), Gost and CE approved/listed.
- All models feature Dynabrade Composite-Style Couplers for maximum air flow to tools and easy connect/disconnect by single push-button action.
- Also includes Vacuum Hose Swivel Adapter. Lightweight vacuum hose connection swivels to add flexibility to your vacuum hose connection.



Model  
61296



Model  
61297



**NOTE: Dynabrade Portable Vacuum is to be used only when working on non-metallic surfaces.**

| Model Number | Capacity Liter (Gal.) | Voltage/Frequency | Watts   | Water Static Lift cm/Inch/mbar | Plug (Region)      | Sound Level | Air Pressure Bar (PSIG) | Shipping Weight  | Height cm (Inch) | Width cm (Inch) |
|--------------|-----------------------|-------------------|---------|--------------------------------|--------------------|-------------|-------------------------|------------------|------------------|-----------------|
| 61292        | 36 (9.9)              | 230V/50 Hz        | 1,400 W | 229/90/230                     | UK (G-B)           | 76 dB(A)    | 6.2 (90)                | 22 kg (48.4 lb.) | 98 (38-1/2)      | 53 (20-7/8)     |
| 61294        | 36 (9.9)              | 110V/60 Hz        | 1,300 W | 229/90/230                     | UK (G-B)           | 76 dB(A)    | 6.2 (90)                | 22 kg (48.4 lb.) | 98 (38-1/2)      | 53 (20-7/8)     |
| 61296        | 36 (9.9)              | 230V/50 Hz        | 1,400 W | 229/90/230                     | CEE7/XVII (Europe) | 76 dB(A)    | 6.2 (90)                | 22 kg (48.4 lb.) | 98 (38-1/2)      | 53 (20-7/8)     |
| 61293        | 64 (17)               | 230V/50 Hz        | 1,400 W | 229/90/230                     | UK (G-B)           | 76 dB(A)    | 6.2 (90)                | 28 kg (61.6 lb.) | 114 (44-7/8)     | 70 (27-5/8)     |
| 61297        | 64 (17)               | 230V/50 Hz        | 1,400 W | 229/90/230                     | CEE7/XVII (Europe) | 76 dB(A)    | 6.2 (90)                | 28 kg (61.6 lb.) | 114 (44-7/8)     | 70 (27-5/8)     |

## Vacuum Cartridge Filter

- For use with European Portable Vacuum.

### Part No. 80040

#### HEPA Cartridge Filter

- True HEPA filtration is recognized as one of the most efficient air filtration methods available and has been proven to remove airborne particles.
- Our HEPA Cartridge Filter is certified 99.97% efficient in capturing 0.3 micron respirable-size-particles. (One micron equals 1 millionth of a meter.)



## Pre-Filters

- For use with European Portable Vacuum.
- Made of Polypropylene.
- Creates a "Faraday" cage around the HEPA filter.
- Prevents clogging.

### Part No. 80041

- Pre-Filter used for 36L model Vacuum Systems.

### Part No. 80039

- Pre-Filter used for 64L model Vacuum Systems.



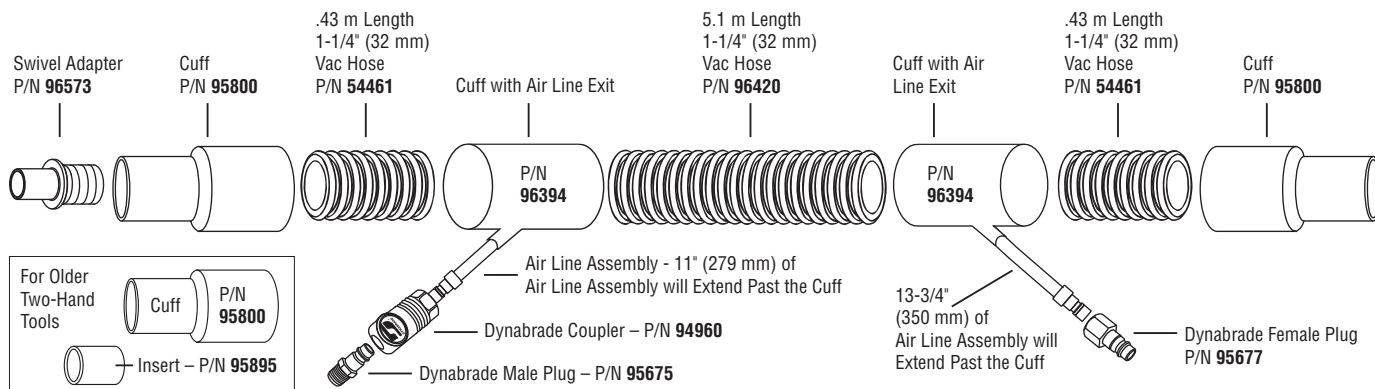
# Coaxial Vacuum Hose Assemblies

## For EUROPEAN Portable Vacuum Systems

### For use with Dynabrade Vacuum Systems

#### Part No. 94941

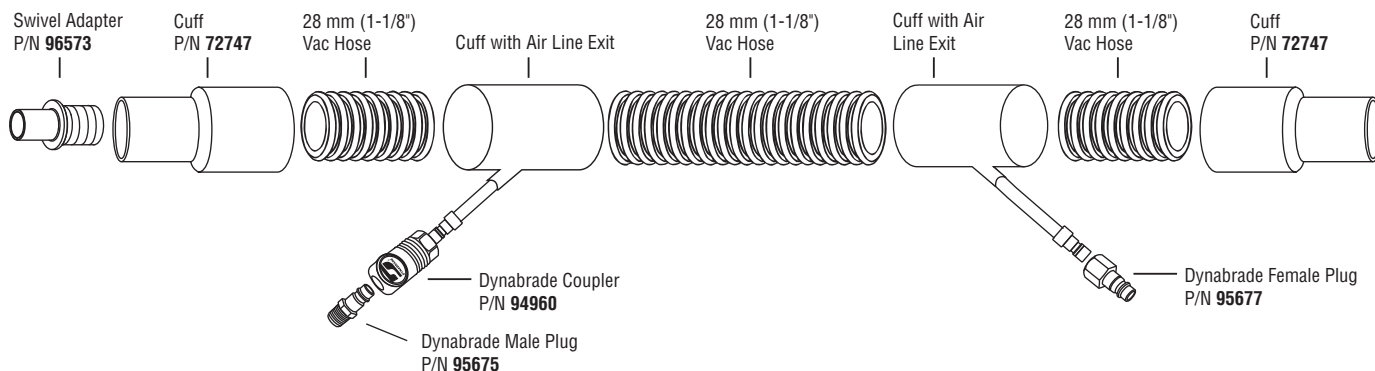
- Standard 32 mm (1-1/4") dia. x 6 m (20') Long Coaxial Vacuum Hose Assembly.



### For use with Dynabrade Vacuum Systems

#### Part No. 72745

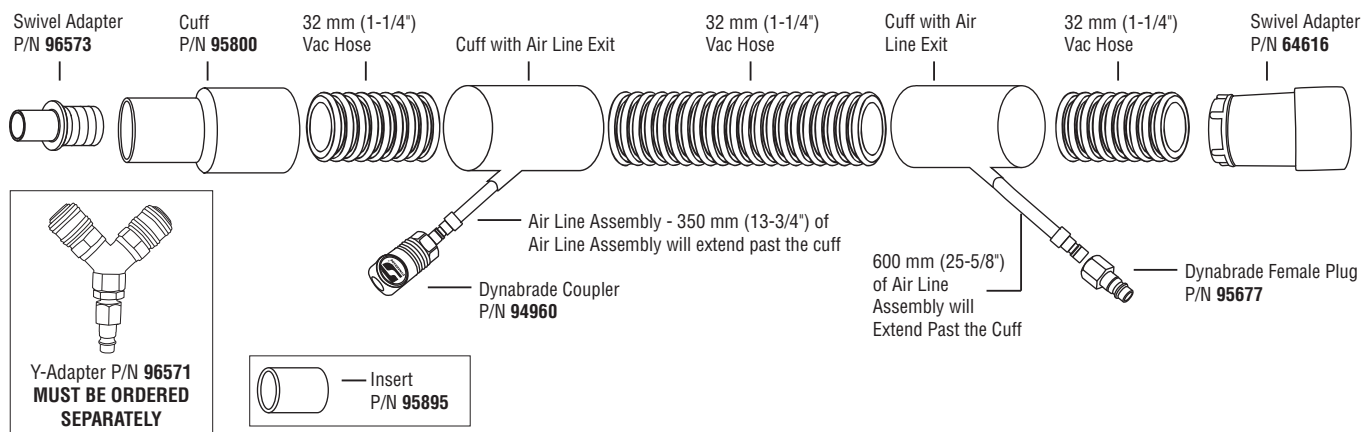
- Standard 28 mm (1-1/8") dia. x 6 m (20') Long Coaxial Vacuum Hose Assembly.



### For use with Non-Dynabrade Vacuum Systems

#### Part No. 94943

- Optional 32 mm (1-1/4") dia. x 6 m (20') Long Coaxial Vacuum Hose Assembly.





# Electric Portable Vacuum Accessories

## Customize Your Portable Electric Vacuum System

### Vacuum Tray

**Part No. 96567**

**9.9 gallon (36 liters)**

- A convenient, heavy duty storage tray for work-related items.
- Shown with optional **96581 Hanger**, ideal for hanging vacuum hoses.



**Part No. 96563**

**17 gallon (64 liters)**

### Replacement Brushes

**Part No. 80057 110 V - 60 Hz.**

- Quantity of two.

**Part No. 80058 230 V - 50 Hz.**

- Quantity of two.



### Wall Mount Bracket

**Part No. 96534**

- Keep vacuum off floor for convenient storage.



### Vacuum Cleaning Kit

**Part No. 96558**

- Includes 6' (1.8 m) long x 1-1/4" (32 mm) dia. vacuum hose, curved handle and two extension pipes along with round brush, crevice tool and coarse dirt nozzle attachments.
- For use with all electric portable vacuums.



### Vacuum Edge Guard

**Part No. 61361**

- Non-marring protective edge allows vacuum unit to be placed on finished surfaces.
- For use with 9.9 gallon (36 litres) models only.



### Conductive "Y" Connector & Inlet

- Parts are carbon-impregnated to shield operator from electrostatic discharge (ESD).

**Part No. 31968**

**Conductive "Y" Connector**

- Connects two tools to vacuum simultaneously. (64686 Non-Conductive "Y" Connector also available.)



31968

**Part No. 31964**

**Conductive Inlet**

- Allows attachment of "Y" Connector to Portable Vacuum.



31964

### Cartridge Filters for Portable Vacuum Systems

- For Vacuum Models 61300-61311

**Part No. 64683**

**Paper Cartridge Filter**

- Cartridge filtration capturing one-micron respirable-size particles.



**Part No. 64684**

**HEPA Cartridge Filter**

- True HEPA filtration is recognized as one of the most efficient air filtration methods available and has been proven to remove airborne particles.
- Our HEPA Cartridge Filter is certified 99.97% efficient in capturing 0.3 micron respirable-size-particles. (One micron equals 1 millionth of a meter.)



### Locking-Front Wheel Assembly

**Part No. 80051**

- Lock vacuum in place with the simple ease of a push-lock system.



# Pneumatic Portable Vacuum System

## For Use With Dynabrade Vacuum Tools

### For Vacuuming on Non-Metallic Surfaces Only

#### Model 64625

- Powerful industrial vacuum for commercial use, particularly where use of electric equipment is hazardous or where electric supply is not available.
- Connect and operate two tools simultaneously.
- 10 gal. (37.8 liters) capacity; developed to be safe and portable.
- Top of the vacuum head is designed to work as a shelf to hold air tools, sandpaper, etc.
- 100 CFM vacuum flow.
- The filter element is water resistant and washable.
- Also accepts optional 64630 HEPA Filter.
- Includes a set of five dust bags (Part No. 64627). Also sold separately.
- USA Government National Stock Number 7910015614879.

#### Model 64635

- Includes two 64639 Conductive Coaxial Hose Assemblies.



**Model 64625 10 Gallon/37.8 Liter, Dry Air-Powered Vacuum.**

| Model Number | Capacity Gallon (Liter) | Air Inlet Pressure PSIG (Bar) | Air Consumption SCFM (L/Min) | Static Lift Inch of water / cm of water / mbar | Sound Level | Shipping Weight Pound (kg) | Height Inch (mm) | Width Inch (mm) |
|--------------|-------------------------|-------------------------------|------------------------------|--|-------------|----------------------------|------------------|-----------------|
| 64625        | 10 (37.8)               | 80 (5.5)                      | 35 (991)                     | 57 / 145 / 142                                 | 73 dB(A)    | 48.4 (22)                  | 44 (1,118)       | 19 (483)        |
|              |                         | 90 (6.2)                      | 37 (1,048)                   | 60 / 152 / 149                                 |             |                            |                  |                 |
|              |                         | 95 (6.6)                      | 41 (1,161)                   | 67 / 170 / 167                                 |             |                            |                  |                 |
|              |                         | 100 (6.9)                     | 44 (1,246)                   | 70 / 178 / 174                                 |             |                            |                  |                 |
|              |                         | 105 (7.2)                     | 45 (1,274)                   | 73 / 185 / 182                                 |             |                            |                  |                 |
|              |                         | 110 (7.6)                     | 47 (1,331)                   | 76 / 193 / 189                                 |             |                            |                  |                 |

## Disposable Bags

### For Dynabrade Electric & Pneumatic Portable Vacuum Systems

| Part No. | Description           | For Use With  |
|----------|-----------------------|---|
| 50692    | 1-2 Micron (400/case) | 95575 Bag 'n Box System and 54288 Bag 'n Box System         |
| 50693    | 1-2 Micron (24/pkg.)  | 95575 Bag 'n Box System and 54288 Bag 'n Box System         |
| 64682    | 5 Micron (10/pkg.)    | Portable Vacuum Models 61300, 61302, 61304, 61306 and 61308 |
| 80076    | 5 Micron (10/pkg.)    | Portable Vacuum Models 61301, 61303, 61305, 61307 and 61309 |
| 64627    | Plastic (12/pkg.)     | Portable Vacuum Model 64625                                 |
| 62004    | 5 Micron (12/pkg.)    | Portable Vacuum Model 61500                                 |
| 64601    | 5 Micron (5/pkg.)     | Portable Vacuum Model 64600 ( <i>discontinued</i> )         |
| 64606    | 5 Micron (5/pkg.)     | Portable Vacuum Model 64605 ( <i>discontinued</i> )         |



# Non-Conductive Vacuum Hoses

## Configurations to Match Various Systems

*Ideal for Use with Dynabrade Vacuum Tools and Portable Vacuum Systems*



| Hose Diameter  | Part No. | Length                          | Cuffs |
|----------------|----------|---------------------------------|-------|
| 3/4" (19 mm)   | 52036    | 2-1/2' (76 cm)                  | 1     |
|                | 50834    | 5' (152 cm)                     | 2     |
|                | 95729    | Specify - up to 50' (15-1/4 cm) | 0*    |
| 1" (25 mm)     | 50638    | 18" (46 cm)                     | 2     |
|                | 50682    | 6' (183 cm)                     | 2     |
|                | 95596    | 4-1/2' (137 cm)                 | 1     |
|                | 95709    | 10' (305 cm)                    | 2     |
|                | 95395    | Specify - up to 50' (15-1/4 cm) | 0**   |
| 1-1/4" (32 mm) | 54201    | 4-1/2' (137 cm)                 | 0     |
|                | 54202    | 6' (183 cm)                     | 2     |
|                | 54205    | Specify - up to 50' (15-1/4 cm) | 0     |
| 1-1/2" (38 mm) | 95847    | Specify - up to 50' (15-1/4 cm) | 0     |

\*NOTE: Optional 95602 Factory-Installed Cuffs available

\*\*NOTE: Optional 95599 Factory-Installed Cuffs available



### Vacuum Hose Reduction Assembly

**96580 – Non-Conductive**

**31945 – Conductive**

**2" (51 mm) Non-Thread Tool Connection to 1-1/4" (32 mm) Vacuum Connection**



- For connecting tools with 2" (51 mm) vacuum port to Dynabrade Portable Vacuum.
- Use to connect Dynabrade 8" (203 mm) dia. Central Vacuum Random Orbital and Gear-Driven Sanders.

# Conductive Vacuum Hoses & Cuffs

## Carbon-Impregnated to Shield Operator from Electrostatic Discharge (ESD)

*Ideal for Use with Dynabrade Vacuum Tools and Portable Vacuum*

- **Conductive Vacuum Hoses & Cuffs** shield operator from ESD, by surrounding the static charge and safely conducting it to ground.
- Conductive parts are carbon-impregnated and have **no wearable coating**. They provide permanent protection for the life of the hose or cuff.



### Conductive Vacuum Hoses

**Specify Length – up to 50' (15-1/4 cm)**

| Hose Diameter / Length  | Part No. |
|-------------------------|----------|
| 1-1/4" (specify length) | 31920    |
| 1" (specify length)     | 31921    |
| 1-1/2" (specify length) | 31923    |
| 1" dia. x 6' long       | 31924    |
| 3/4" (specify length)   | 31925    |

### Conductive Hose Cuffs

| Connection (To Hose / To Tool)             | Part No. |
|--|----------|
| 1" Thread / 1" Non-Thread                  | 31900    |
| 1-1/2" Thread / 1" Non-Thread              | 31901    |
| 1-1/4" Thread / 1" Non-Thread              | 31902    |
| 1-1/4" Thread / 1-1/4" Non-Thread          | 31904    |
| 1-1/4" Thread / 1-1/4" Non-Thread - Swivel | 31905    |
| 1-1/4" Thread / 1" Non-Thread - Swivel     | 31907    |
| 3/4" Thread / 3/4" Non-Thread              | 31908    |
| 1" Thread / 1-1/4" Non-Thread              | 31909    |
| 1-1/2" Thread / 1-1/4" Thread - Swivel     | 31914    |
| 1-1/2" Thread / 2" Non-Thread              | 31915    |
| 3/4" Thread / 1" Non-Thread                | 97180    |





# Non-Conductive Vacuum Hose Cuffs

## Configurations to Match Various Systems

*Ideal for Use with Dynabrade Vacuum Tools and Portable Vacuum Systems*

| Part Number   | Connection to Vacuum Hose | Hose Cuff              | Connection to Vacuum Tool |
|---|---------------------------|------------------------|---------------------------|
| 95601   | 3/4" Thread               |                        | 3/4" Non-Thread           |
| 95396   | 1" Thread                 |                        | 1" Non-Thread             |
| 54208   | 1" Thread                 |                        | 1-1/4" Non-Thread         |
| 95894   | 1-1/4" Thread             |                        | 1" Non-Thread             |
|  Includes 95895 Insert to mount to tool's vacuum outlet directly  | 1-1/4" Thread             |                        | 1" Non-Thread             |
| 96006   | 1-1/4" Thread             | <br><i>Swivel Cuff</i> | 1" Non-Thread             |
|  Includes 95895 Insert to mount to tool's vacuum outlet directly | 1-1/4" Thread             |                        | 1" Non-Thread             |
| 96004   | 1-1/4" Thread             | <br><i>Swivel Cuff</i> | 1-1/4" Non-Thread         |
| 95800   | 1-1/4" Thread             |                        | 1-1/4" Non-Thread         |
|  Includes 95895 Insert to mount to tool's vacuum outlet directly | 1-1/4" Thread             |                        | 1-1/4" Non-Thread         |
| 96412   | 1-1/4" Thread             |                        | 1-1/4" Thread             |
| <i>Use to connect two 1-1/4" (32 mm) hoses</i>  |                           |                        |                           |

|   |               |   |                   |
|---|---------------|---|-------------------|
| 96300   | 1-1/4" Thread | <br><i>Includes water line port</i>                                       | 1-1/4" Thread     |
| 96414   | 1-1/4" Thread |   | 1-1/2" Non-Thread |
| 96103   | 1-1/2" Thread |   | 1" Non-Thread     |
|  Includes 95895 Insert to mount to tool's vacuum outlet directly   | 1-1/2" Thread |   | 1" Non-Thread     |
| 96104   | 1-1/2" Thread | <br><i>Keeps the air line out of the way</i>                              | 1" Non-Thread     |
| 96102   | 1-1/2" Thread |   | 1-1/4" Non-Thread |
|  Includes 95895 Insert to mount to tool's vacuum outlet directly | 1-1/2" Thread |   | 1-1/4" Non-Thread |
| 95699   | 1-1/2" Thread |   | 1-1/4" Non-Thread |
| 97051   | 1-1/2" Thread |   | 2" Non-Thread     |
| 95700   | 2-1/4" Thread | <br><i>Includes 95699 Cuff Adapter and 95698 Swivel Cuff (2" [51 mm])</i> | 1-1/4" Non-Thread |
| 95698   | 2-1/4" Thread | <br><i>Swivel Cuff</i>  | 2" Non-Thread     |

*(See page 216 for Non-Conductive Vacuum Hoses)*

# Vacuum Conversion Kits

## For Dynabrade Random Orbital Sanders

- Pad diameter determines which kit is right for your tool.
- Conversion Kit allows user to change tool into desired vacuum configuration.



| Pad Diameter   | Converts Tool To      | Kit Part Number |
|----------------|-----------------------|-----------------|
| 3-1/2" (89 mm) | Self-Generated Vacuum | 57118           |
| 3-1/2" (89 mm) | Central Vacuum        | 57119           |
| 5" (127 mm)    | Self-Generated Vacuum | 57120           |
| 5" (127 mm)    | Central Vacuum        | 57121           |
| 6" (152 mm)    | Self-Generated Vacuum | 57122           |
| 6" (152 mm)    | Central Vacuum        | 57123           |

# Vacuum Hose Swivel Adapters

## SWIVELS for Tool Maneuverability

- Ideal for Dynabrade Random Orbital Sanders.
- 1" (25 mm) connection to tool.

### Part No. 96572

#### 1" Swivel Adapter

- 1" (25 mm) connection to vacuum hose.

### Part No. 96573

#### 1-1/4" Swivel Adapter

- 1-1/4" (32 mm) connection to vacuum hose.



# Vacuum Hose Assemblies/Accessories

## Vacuum Hose/Air Line Assembly

### Part No. 95820

#### 1" (25 mm) Dia. x 10' (3 m) Long

- For use with Dynabrade Random Orbital Sanders.
- 95709 Flex Hose: 1" (25 mm) x 10' (3-1/4 m) long with cuffs.
- 95816 Air Line: 1/4" (6 mm) dia. x 11' (3.375 m) long
- 95362 Rubber Connectors.



## Vacuum Hose Cover

### Part No. 95986

#### 5' (1.5 m) Long Cloth Cover

- Covers air line and vacuum hose (not included).
- Eliminates damage from hose dragging on the work surface.



## Rubber Connectors

### Part No. 95362

#### (5/pkg.)

- Used to strap tool air line to tool's vacuum hose for easy "all-in-one" maneuverability.



# Dust Collection Receptacles & Self-Contained Dust Collection Systems

Easily Attach to Dynabrade Self-Generated Vacuum Tools

## Mini-Reusable Felt Bag

### Part No. 50694

- 11" (279 mm) long x 3" (76 mm) wide. End opens up - no need to remove bag from tool when emptying.
- One-micron filter rating. Bag traps over 99% of vacuum particles one micron or larger.



## Reusable Felt Bags

- 14-1/2" (368 mm) long x 7-1/2" (191 mm) wide.
- One-micron filter rating. Bag traps over 99% of vacuum particles one micron or larger.



### Part No. 50683 Hook-Face Closure

### Part No. 56304 Zipper-Lock Closure



## Durable Box Receptacle

### Part No. 95575

- A pre-punched hole accepts 1" (25 mm) diameter Dynabrade vacuum hoses.
- Houses paper vacuum bag. Reorder bags in quantities of 400 (50692), or 24 (50693).



## Mini-Flex-Hose System

### Part No. 54284

- 95580 Air Line 1/4" (6 mm) dia. x 28" (711 mm) long.
- 50638 Flex-Hose 1" (25 mm) dia. x 18" (457 mm) long.
- 50694 Mini-Reusable Felt Bag.



## 6' (1.8 m) Long Flex-Hose Systems

### 1" (25 mm) dia. 50682 Flex-Hose

### Part No. 50617

- Includes 50683 Bag with hook-face closure.

### Part No. 56303

- Includes 56304 Bag with zipper-lock closure.

### 1-1/4" (32 mm) dia. 54202 Flex-Hose

### Part No. 54218

- Includes 50683 Bag with hook-face closure.

### Part No. 54219

- Includes 56304 Bag with zipper-lock closure.



## "Bag-in-Box" System

### Part No. 54290

- Includes: 95361 Air Line, 5' (1.5 m) long, 50682 Flex-Hose (1" [25 mm] dia. x 6' [1.8 m] long) and 95575 Durable Box Receptacle (to house bag and store tool).
- Sample paper bag included. Paper bag reorder: 50692 (400/case) or 50693 (24/pkg.)



## "Bag-In-Bag" System

### Part No. 54288

- 50692 Disposable Vacuum Bag fits inside reusable 50697 Mesh-Style Bag, which attaches to operator's belt for added maneuverability.
- Includes: 50682 Flex Hose (1" [25 mm] dia. x 6' [1.8 m] long), 95361 Air Line (1/4" 96 mm) dia. x 5' [1.5 m] long) and 94996 Belt Strap.



## HEPA "Bag-In-Bag" System

### Part No. 54500

- Includes 56327 HEPA Bag (.03 micron filtration), which fits inside durable mesh bag. System attaches to operator's belt loop, allowing full mobility.
- HEPA Dust Seal™ securely traps all contents, even as bag is disconnected.
- Also includes 50682 Flex Hose (1" [25 mm] dia. x 6' [1.8 m]), 95361 Air Line (1/4" [6 mm] dia. x 5' [1.5 m]) and 94996 Belt Strap.
- HEPA Bags sold separately, and in 56332 Ten-Pack or 56333 Case (250 Bags).



SOURCE CAPTURE SYSTEMS



# Downdraft Table Replacement Filters

For Use with Dry Downdraft Sanding Tables

## Filters for Standard Duty Tables (Pages 205-206)

| Part Number | Filter Description    | Dimensions (W x L x D) | Filter Quantity in Table (33" x 41" and 33" x 60") | Filter Quantity in Table (36 x 72") |
|-------------|-----------------------|------------------------|--|-------------------------------------|
| 64671       | Pleated Panel Filter  | 20" x 25" x 2"         | 2  | 3                                   |
| 64672       | Class I Non-Flammable | 20" x 25" x 2"         | 2  | 3                                   |
| 64985       | Pre-Filter Blanket    | 30" x 39" x 1/2"       | 1  | N/A                                 |
| 64986       | Pre-Filter Blanket    | 30" x 59" x 1/2"       | N/A  | 1                                   |



64672

## Filters for 64657 Heavy Duty Table (Page 205)

| Part Number | Filter Description   | Dimensions (W x L x D) | Filter Quantity (in Table 64657) |
|-------------|----------------------|------------------------|----------------------------------|
| 64658       | Pleated Panel Filter | 20" x 25" x 1"         | 8                                |
| 64659       | Pleated Panel Filter | 16" x 25" x 1"         | 4                                |
| 64987       | Pre-Filter Blanket   | 48" x 96" x 1/2"       | 1                                |



# Respirator Masks from Dynabrade

Filter Out Airborne Particles for Cleaner, Safer Workplace!

- Dynabrade's new Respirator Masks help filter out airborne particles. Ideal for workplaces where grinding, sanding, deburring and buffing take place.
- N95 – NIOSH approved. N95 rating indicates the mask blocks 95% of particles 0.3 microns in size and larger!
- Both styles are double-strapped and feature adjustable nosepiece for added comfort.
- 15462 Mask includes Exhalation Valve, which allows exhaled air to exit without outside air returning into valve.
- Masks are packaged 20 per box.



15465



15462

# Overskirt Shrouds

For Dynabrade Random Orbital Sanders

## Overskirt Shrouds

- Has built-in vacuum port.
- Replace standard lip-seal shrouds in seconds.
- Protects pad edges when working near workpiece sides.



| Part No. | Pad Diameter   | Tool Compatibility         |
|----------|----------------|----------------------------|
| 57084    | 3" (76 mm)     | Random Orbital Sanders     |
|          | 3-1/2" (89 mm) |                            |
| 57086    | 5" (127 mm)    | Random Orbital Sanders     |
| 56063    | 5" (127 mm)    | Wet Random Orbital Sanders |
| 57087    | 6" (152 mm)    | Random Orbital Sanders     |
| 56065    | 6" (152 mm)    | Wet Random Orbital Sanders |

## Overskirt Shroud Conversion Kits

- All-in-one kit allows conversion of non-vacuum tools to self-generated or central vacuum tools.
- For use on 5" (127 mm) or 6" (152 mm) Dynorbital-Spirit® and Dynorbital® Supreme sanders.



| Part No. | Pad Diameter | Conversion Type       |
|----------|--------------|-----------------------|
| 57556    | 5" (127 mm)  | Self-Generated Vacuum |
| 57557    | 5" (127 mm)  | Central Vacuum        |
| 57558    | 6" (152 mm)  | Self-Generated Vacuum |
| 57559    | 6" (152 mm)  | Central Vacuum        |

# Vacuum Shrouds for Disc Sanders

Replacement Shrouds for Vacuum Disc Sanders (pages 85-88)

## 2" (51 mm) Diameter Vacuum Shroud

### Part No. 52742

- For use with 2" Vacuum Disc Sanders.
- Lightweight, flexible, non-marring.
- Clear urethane allows optimum view of work surface.
- Accommodates optional abrasive discs, 2" (51 mm) in diameter.



## 3" (76 mm) Dia. Vacuum Shrouds

### 50789 Trimmed Shroud

- For use with 3" Vacuum Disc Sanders.
- Lightweight, flexible, non-marring.
- Clear urethane, with "view port" for optimum work surface visibility.
- For use with optional coated abrasive and non-woven nylon discs.



### 50771 Standard Shroud

- For use with 3" Vacuum Disc Sanders.
- Lightweight, flexible, non-marring.
- Clear urethane, with "view port" for optimum work surface visibility.
- For use with optional bristle-type discs.
- May also be trimmed for customized use.



# Disc Sander Vacuum Conversion Kits

Converts 3" (76 mm) Dia. Non-Vacuum Disc Sander to Central Vacuum

For Use with Models 48530, 48531, 48532 (page 74)

### 54603 Conversion Kit *Trimmed Shroud*

- Includes 50789 Trimmed Shroud, vacuum hose, swivel hose cuff assembly with 1-1/4" (38 mm) port, hose clamp.



### 54602 Conversion Kit *Standard Shroud*

- Includes 50771 Standard Shroud, vacuum hose, swivel hose cuff assembly with 1-1/4" (38 mm) port, hose clamp.



# Vacuum Shrouds for Pencil Grinders

Replacement Shrouds for Vacuum Pencil Grinders (page 50)

### 51739 Standard Shroud

- Lightweight, flexible, non-marring Vacuum Shroud.
- For use with Dynabrade standard (non-extension) Pencil Grinders.
- Shroud opening of 1-3/8" (35 mm) allows capture of dust and contaminants.



### 51785 Extension Shroud

- Lightweight, flexible, non-marring Vacuum Shroud.
- For use with Dynabrade Extension Pencil Grinders.
- Shroud opening of 1-3/4" (44 mm) allows capture of dust and contaminants.







# AIR TOOL ACCESSORIES

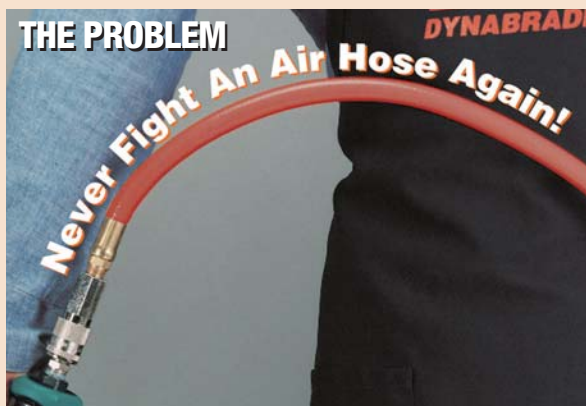
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# Dynaswivel® Air Line Connectors

Never Fight an Air Tool Again! For Use with Most Air Tools

## THE PROBLEM



## THE SOLUTION



- The Dynaswivel® is a “universal-joint” that connects portable air tools to an air line.
- It improves tool maneuverability, minimizes operator fatigue and extends hose life.
- Patented; works great on air tools or paint guns.

## Non-Marring Composite Construction

### Double Pivot

- Swivels 360° AT TWO PIVOT POINTS allowing the air hose to drop directly to the floor while providing superb tool handling.

94300



### Double Pivot, Flow Control

- Swivels 360° AT TWO PIVOT POINTS allowing the air hose to drop directly to the floor while providing superb tool handling.
- Fingertip air-flow control dial.

### Display Pak (96177)

- Includes countertop display box and ten 94300 Dynaswivel® Connectors.



94407

| Part Number | Thread Size | Flow Control | Air Flow Range SCFM (L/Min) | Weight oz. (kg) |
|-------------|-------------|--------------|-----------------------------|-----------------|
| 94300*      | 1/4" NPT    | No           | up to 33 (935)              | 2.15 (.06)      |
| 94407**     | 1/4" NPT    | Yes          | up to 46 (1,303)            | 2.40 (.08)      |

\*USA Government National Stock Number 4730012932930

\*\*USA Government National Stock Number 4730015023159

## Aluminum and Stainless Steel Construction

### Single Pivot

- Right angle “single-pivot” swivels 360° at one location.
- Designed to permit air hose to extend horizontally away from tool while allowing 360° tool maneuverability.
- Great for stationary equipment.



95590

| Part Number | Thread Size | Air Flow Range SCFM (L/Min) | Weight lb. (kg) |
|-------------|-------------|-----------------------------|-----------------|
| 95590       | 1/4" NPT    | up to 25 (708)              | 0.11 (0.05)     |
| 95591       | 3/8" NPT    | 26-45 (736-1,275)           | 0.26 (0.12)     |
| 95592       | 1/2" NPT    | 46-65 (1,303-1,841)         | 0.46 (0.21)     |

## Aluminum and Stainless Steel Construction

### Double Pivot

- Swivels 360° AT TWO PIVOT POINTS allowing the air hose to drop directly to the floor while providing superb tool handling.

95460



### Double Pivot, Flow Control

- Swivels 360° AT TWO PIVOT POINTS allowing the air hose to drop directly to the floor while providing superb tool handling.
- Finger-tip air-flow control dial.

95734



| Part Number | Thread Size                    | Flow Control | Air Flow Range SCFM (L/Min) | Weight lb. (kg) |
|-------------|--------------------------------|--------------|-----------------------------|-----------------|
| 95852       | 1/8" Male x 25 1/4" NPT Female | No           | up to 25 (708)              | 0.18 (0.08)     |
| 95460*      | 1/4" NPT                       | No           | up to 25 (708)              | 0.20 (0.09)     |
| 95734       | 1/4" NPT                       | Yes          | up to 25 (708)              | 0.24 (0.11)     |
| 95461       | 3/8" NPT                       | No           | 26-45 (736-1,275)           | 0.40 (0.18)     |
| 95462       | 1/2" NPT                       | No           | 46-65 (1,303-1,841)         | 0.80 (0.36)     |
| 95690       | 3/4" NPT                       | No           | above 65 (1,840)            | 1.50 (0.68)     |

## Ball-Swivel Plug

### Part No. 97016

Plug “swivels” for great tool maneuverability!

- 97016 Ball-Swivel Plug offers 53° conical range of motion, for added tool maneuverability and operator comfort.
- A natural fit with Dynabrade palm-style Random Orbital Sanders!
- Ported plug design allows air flow of up to 74 SCFM (2,095 L/Min).

97016



- Maximum air pressure of 90 PSIG (6.2 Bar).

# DynaJet In-Line Blow Guns

## Clean Off Work Surfaces Without Disconnecting

### Part No. 94467 *Safety Tip Design*

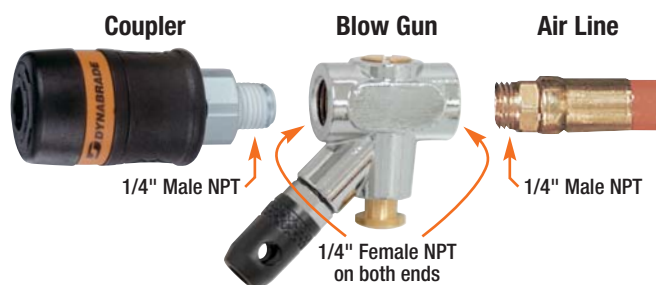
- Only connect once... permanently mounts between coupler and air hose to purge air line of water and contaminants before starting up air tools.
- Durable aluminum construction, weighs only 2 oz. (0.06 kg).
- Reduces line pressure down to 30 PSIG (2 Bar).
- Meets O.S.H.A. requirements of special relief hole in nozzle, which limits pressure to 30 PSIG (2 Bar) when dead-ended and used on an air line of 150 PSIG (10.3 Bar) or less.



| Part Number | Thread Size     | Weight  | Recommended Air Flow Range SCFM (L/Min) |
|-------------|-----------------|---------|---|
| 94467       | 1/4" Female NPT | 0.06 kg | up to 35 SCFM (991 L/Min)               |

10.3 Bar (150 PSIG) maximum

### Proper Installation for DynaJet Blow Gun Connection



# Filter-Regulator-Lubricator

## Cost-Effective Maintenance for Air Supply Systems

### Filter-Regulator-Lubricator

- Unit has modular connections with mounting brackets for easy installation.

| Part Number | Air Inlet Thread |
|-------------|------------------|
| 10681       | 1/2" NPT         |



### Filter

- Five-micron filter element is standard.
- Manual push-button drain easily discharges contaminants.

| Part Number | Air Inlet Thread |
|-------------|------------------|
| 10671       | 1/2" NPT         |



### Filter-Regulator

- Unit has modular connections with mounting brackets for easy installation.

| Part Number | Air Inlet Thread |
|-------------|------------------|
| 10677       | 1/2" NPT         |



### Regulator

- Compensation built into unit responds faster to changes in incoming pressure and flow.
- Built-in PSI pressure dial gauge.

| Part Number | Air Inlet Thread |
|-------------|------------------|
| 10673       | 1/2" NPT         |



### Regulator-Lubricator

- Unit has modular connections with mounting brackets for easy installation.

| Part Number | Air Inlet Thread |
|-------------|------------------|
| 10679       | 1/2" NPT         |



### Lubricator

- Built-in check valve permits tool to be filled with oil without having to turn off air pressure.
- Adjustable oil drop to meter amount of oil into air system.

| Part Number | Air Inlet Thread |
|-------------|------------------|
| 10675       | 1/2" NPT         |



### FRL Flow Characteristics

| Air Flow SCFM (L/Min) | Pressure Drop Across FRL PSI (Bar) |
|-----------------------|------------------------------------|
| 15 (425)              | 2.0 (.14)                          |
| 30 (850)              | 3.0 (.21)                          |
| 45 (1,274)            | 6.0 (.41)                          |
| 60 (1,699)            | 7.0 (.48)                          |
| 75 (2,124)            | 8.0 (.55)                          |

Each unit includes two bushings for easy conversion to 3/8" NPT.

Additional Specifications: Maximum Operating Pressure 145 PSIG.

# Lightweight Air Line Assemblies

Cost-Effective Air Tool Connections • 8 mm and 10 mm I.D.

## Lightweight Air Lines – 8 mm I.D.

- Air lines are 66% lighter than conventional hoses!
- Great flexibility and tool maneuverability, reducing operator fatigue.
- Lines include “non-crimp” fittings (see below), ensuring air line integrity.
- Narrow bending radius prevents “choking” of air tool.

| Part Number | Length Feet (Meters) | Line I.D. | Line O.D. | Fittings Included           |
|-------------|----------------------|-----------|-----------|-----------------------------|
| 94861       | 2 (.6)               | 8 mm      | 12.7 mm   | Female (1/4") / Male (1/4") |
| 94874       | 5 (1.5)              | 8 mm      | 12.7 mm   | Male (1/4") / Male (1/4")   |
| 94863       | 5 (1.5)              | 8 mm      | 12.7 mm   | Female (1/4") / Male (1/4") |
| 94851       | 12 (3.7)             | 8 mm      | 12.7 mm   | Male (1/4") / Male (1/4")   |
| 94852       | 12 (3.7)             | 8 mm      | 12.7 mm   | Female (1/4") / Male (1/4") |
| 94876       | 25 (7.6)             | 8 mm      | 12.7 mm   | Male (1/4") / Male (1/4")   |
| 94892       | 25 (7.6)             | 8 mm      | 12.7 mm   | Female (1/4") / Male (1/4") |
| 94853       | 50 (15)              | 8 mm      | 12.7 mm   | Male (1/4") / Male (1/4")   |
| 94854       | 50 (15)              | 8 mm      | 12.7 mm   | Female (1/4") / Male (1/4") |
| 94860       | 328 (100)            | 8 mm      | 12.7 mm   | not included*               |
| 96569       | Specify              | 8 mm      | 12.7 mm   | not included*               |

\*Installed fittings may be ordered: 96491 – Female (1/4") / Male (1/4")  
96497 – Male (1/4") / Male (1/4")



8 mm Air Lines are ideal for connecting to Filter-Regulator-Lubricator (page 224)

## Lightweight Air Line – 8 mm I.D. (with Dynaswivel®)

- Air line is 66% lighter than conventional hoses!
- Great flexibility and tool maneuverability, reducing operator fatigue.
- Line includes “non-crimp” fittings (see below), ensuring air line integrity.
- Narrow bending radius prevents “choking” of air tool.

| Part Number | Length Feet (Meters) | Line I.D. | Line O.D. | Fittings Included         |
|-------------|----------------------|-----------|-----------|---------------------------|
| 94855*      | 5 (1.5)              | 8 mm      | 12.7 mm   | Male (1/4") / Male (1/4") |

\*Includes 94300 Composite Dynaswivel®. See page 223.



## Lightweight Air Lines – 10 mm I.D.

- Air lines are 66% lighter than conventional hoses!
- Great flexibility and tool maneuverability, reducing operator fatigue.
- Lines include “non-crimp” fittings (see below), ensuring air line integrity.
- Narrow bending radius prevents “choking” of air tool.

| Part Number | Length Feet (Meters) | Line I.D. | Line O.D. | Fittings Included         |
|-------------|----------------------|-----------|-----------|---------------------------|
| 94856       | 5 (1.5)              | 10 mm     | 15 mm     | Male (1/4") / Male (1/4") |
| 94857       | 12 (3.7)             | 10 mm     | 15 mm     | Male (1/4") / Male (1/4") |
| 94858       | 25 (7.6)             | 10 mm     | 15 mm     | Male (1/4") / Male (1/4") |
| 94859       | 164 (50)             | 10 mm     | 15 mm     | not included*             |
| 94865       | Specify              | 10 mm     | 15 mm     | not included*             |

\*Fittings may be ordered separately. See page 227.



## Reusable Fittings

**"Non-Crimp" Design Ensures Air Line Integrity**

| Part Number | Connects to Inside Diameter | Connection Thread |
|-------------|-----------------------------|-------------------|
| 94897       | 8 mm                        | 1/4" NPT Male     |
| 94898       | 10 mm                       | 1/4" NPT Male     |





# Air Line Assemblies

## Cost-Effective Air Tool Connections • Flexible and Swivel-Style

### Flexible Air Lines – 1/4" I.D.

| Part Number | Length Feet (Meters) | Line I.D. | Fittings Included           |
|-------------|----------------------|-----------|-----------------------------|
| 95580       | 28" (711 mm)         | 1/4"      | Female (1/4") / Male (1/4") |
| 95361       | 5 (1.5)              | 1/4"      | Female (1/4") / Male (1/4") |
| 95816       | 10 (3)               | 1/4"      | Female (1/4") / Male (1/4") |
| 95807       | Specify              | 1/4"      | not included*               |

\*Installed fittings may be ordered: 95938 – Female (1/4") / Male (1/4")



### Flexible Air Lines – 3/8" I.D.

| Part Number | Length Feet (Meters) | Line I.D. | Fittings Included           |
|-------------|----------------------|-----------|-----------------------------|
| 95771       | 40" (1,016 mm)       | 3/8"      | Female (1/4") / Male (1/4") |
| 96339       | 5 (1.5)              | 3/8"      | Female (1/4") / Male (1/4") |
| 11292       | 8 (2.5)              | 3/8"      | Male (1/4") / Male (1/4")   |
| 96323       | 10 (3)               | 3/8"      | Female (1/4") / Male (1/4") |
| 95101       | Specify              | 3/8"      | not included*               |

\*Fittings may be ordered separately. See page 227.



### Flexible Air Line – 1/2" I.D.

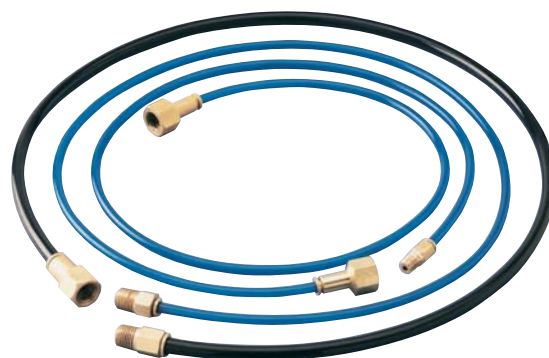
| Part Number | Length Feet (Meters) | Line I.D. | Fittings Included           |
|-------------|----------------------|-----------|-----------------------------|
| 95870       | 5 (1.5)              | 1/2"      | Female (1/2") / Male (1/2") |



### Swivel Air Lines – 1/4" O.D.

| Part Number | Length Feet (Meters) | Line O.D. | Fittings Included           |
|-------------|----------------------|-----------|-----------------------------|
| 96217       | 3 (0.9)              | 1/4"      | Female (1/4") / Male (1/4") |
| 96218       | 3 (0.9)              | 1/4"      | Female (1/4") / Male (1/8") |
| 96219       | 6 (1.8)              | 1/4"      | Female (1/4") / Male (1/4") |
| 96220       | 6 (1.8)              | 1/4"      | Female (1/4") / Male (1/8") |
| 96221       | Specify              | 1/4"      | not included*               |

\*Fittings may be ordered separately. See page 227.



### Swivel Air Lines – 3/8" O.D.

| Part Number | Length Feet (Meters) | Line O.D. | Fittings Included           |
|-------------|----------------------|-----------|-----------------------------|
| 96222       | 3 (0.9)              | 3/8"      | Female (1/4") / Male (1/4") |
| 96223       | 6 (1.8)              | 3/8"      | Female (1/4") / Male (1/4") |
| 96224       | Specify              | 3/8"      | not included*               |

\*Fittings may be ordered separately. See page 227.

# Air Line Fittings

## Cost-Effective Air Tool Connections

### Press-On Fittings (for Swivel Air Lines Only)

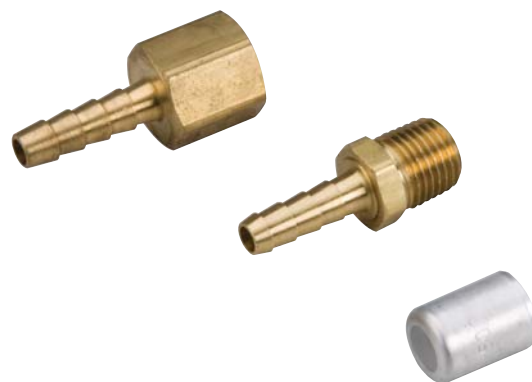
| Part Number | Connects to Inside Diameter | Connection Thread |
|-------------|-----------------------------|-------------------|
| 96225       | 1/4"                        | 1/4" NPT Female   |
| 96226       | 1/4"                        | 1/4" NPT Male     |
| 96227       | 1/4"                        | 1/8" NPT Male     |
| 96228       | 3/8"                        | 1/4" NPT Female   |
| 96229       | 3/8"                        | 1/4" NPT Male     |



For use with Swivel Air Lines only (see page 226)

### Barbed Fittings

| Part Number | Connects to Inside Diameter | Connection Thread    |
|-------------|-----------------------------|----------------------|
| 95804       | 1/4"                        | 1/4" NPT Female      |
| 95805       | 1/4"                        | 1/4" NPT Male        |
| 95806       | 1/4"                        | Ferrule              |
| 96320       | 8 mm                        | 1/4" NPT Male        |
| 96321       | 8 mm                        | 1/4" NPT Female      |
| 96305       | 8 mm                        | Ferrule              |
| 94870       | 3/8"                        | 1/4" NPT Female      |
| 94871       | 3/8"                        | 1/4" NPT Male        |
| 98290       | 3/8"                        | 3/8" NPT Male Swivel |
| 96409       | 3/8"                        | Ferrule              |

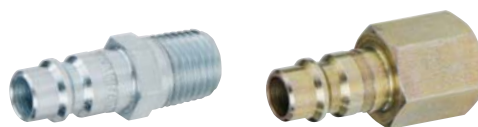


# “Mega Flow” Plugs

## Ported Design to Prevent Starving of the Air Tool

- Durable zinc-plated steel construction.
- Provides up to twice the air flow of a standard plug design.

| Body Size | Part Number | Thread Size (NPT) | Air Flow Range SCFM (L/Min) |
|-----------|-------------|-------------------|-----------------------------|
| 1/4"      | 95675       | 1/4" Male         | Up to 74 (2,095)            |
|           | 95677       | 1/4" Female       |                             |
|           | 96005       | 3/8" Male         |                             |
| 3/8"      | 98263       | 3/8" Male         | Up to 138 (3,900)           |
|           | 98264       | 3/8" Female       |                             |
| 1/2"      | 98271       | 1/2" Male         | Up to 138 (3,900)           |
|           | 98272       | 1/2" Female       |                             |



# Speed Control Dial

## Connects Directly to Air Tool

| Hose and Tool Connections | Part Number | Air Flow Range SCFM (L/Min) |
|---------------------------|-------------|-----------------------------|
| 1/4" NPT                  | 95745       | Up to 25 (708)              |
| 3/8" NPT                  | 95746"      | Up to 26-45 (736-1,274)     |



# Couplers and Coupler/Plug Assemblies

Provide Maximum Air Flow to Tools • Plugs Also Sold Separately

## Steel and Brass Couplers

- Durable nickel-plated steel and brass construction.
- Single action quick-connect by just inserting plug into coupler. Pull back on sleeve of coupler for quick disconnect.



| Coupler Body Size | Part Number | Thread Size NPT | Air Flow Range SCFM (L/Min) |
|-------------------|-------------|-----------------|-----------------------------|
| 1/4"              | 95674       | 1/4" Female     | Up to 74 (2,095)            |
|                   | 95684       | 1/4" Male       |                             |
| 3/8"              | 98261       | 3/8" Female     | Up to 138 (3,900)           |
|                   | 98262       | 3/8" Male       |                             |
| 1/2"              | 98269       | 1/2" Female     | Up to 138 (3,900)           |
|                   | 98270       | 1/2" Male       |                             |



## Coupler/Plug Assemblies

- Assemblies include one coupler and one plug.
- Maximum working pressure: 150 PSIG (10 Bar).
- Temperature Range: -4°F to 212°F (-20°C to 100°C).



## Composite-Style Couplers

- Composite-style design provides maximum air flow to tools.
- Heavy duty construction.
- Easy connect/disconnect by single push-button action.
- Shock-proof, low-vibration, crush-resistant.
- Lightweight 1.4 oz. (0.04 kg), non-marring composite material.



| Coupler Body Size | Part Number | Thread Size NPT | Air Flow Range SCFM (L/Min) |
|-------------------|-------------|-----------------|-----------------------------|
| 1/4"              | 94960       | 1/4" Female     | Up to 54 (1,529)            |
|                   | 94980       | 1/4" Male       |                             |

## Safety Couplers

- Unique "Two Step" Safety Disconnect System releases air pressure before tool is disconnected.
- Engineered to minimize air leakage and eliminates "hose whip."
- Aerodynamically-designed valve improves air flow to tool.
- Ergonomically designed for easy one-hand operation.
- Advanced anti-static composite and stainless steel construction; cannot rust or corrode.
- Impact resistant with non-scratch surface.
- Conforms to ISO 4414 standard, and these specifications: 7.2/7.4 European full flow profile.



| Coupler Body Size | Part Number | Thread Size NPT | Air Flow Range SCFM (L/Min) |
|-------------------|-------------|-----------------|-----------------------------|
| 1/4"              | 97566       | 1/4" Female     | Up to 55 (1,558)            |
|                   | 97567       | 1/4" Male       |                             |

## Plugs with Steel and Brass Couplers

| Coupler Body Size | Part Number | Coupler Thread Size (NPT) | Plug Body Size | Plug Thread Size (NPT) | Air Flow Range SCFM (L/Min) |
|-------------------|-------------|---------------------------|----------------|------------------------|-----------------------------|
| 1/4"              | 95676       | 1/4" Female               | 1/4"           | 1/4" Male              | Up to 74 (2,095)            |
|                   | 95850       | 1/4" Female               | 1/4"           | 1/4" Female            |                             |
|                   | 95685       | 1/4" Male                 | 1/4"           | 1/4" Male              |                             |
|                   | 95851       | 1/4" Male                 | 1/4"           | 1/4" Female            |                             |
| 3/8"              | 98265       | 3/8" Female               | 3/8"           | 3/8" Male              | Up to 138 (3,900)           |
|                   | 98266       | 3/8" Female               | 3/8"           | 3/8" Female            |                             |
|                   | 98267       | 3/8" Male                 | 3/8"           | 3/8" Male              |                             |
|                   | 98268       | 3/8" Male                 | 3/8"           | 3/8" Female            |                             |
| 1/2"              | 98273       | 1/2" Female               | 1/2"           | 1/2" Male              | Up to 138 (3,900)           |
|                   | 98274       | 1/2" Female               | 1/2"           | 1/2" Female            |                             |
|                   | 98275       | 1/2" Male                 | 1/2"           | 1/2" Male              |                             |
|                   | 98276       | 1/2" Male                 | 1/2"           | 1/2" Female            |                             |

## Plugs with Black Composite-Style Couplers

| Coupler Body Size | Part Number | Coupler Thread Size (NPT) | Plug Body Size | Plug Thread Size (NPT) | Air Flow Range SCFM (L/Min) |
|-------------------|-------------|---------------------------|----------------|------------------------|-----------------------------|
| 1/4"              | 94990       | 1/4" Female               | 1/4"           | 1/4" Male              | Up to 54 (1,529)            |
|                   | 94991       | 1/4" Female               | 1/4"           | 1/4" Female            |                             |
|                   | 94992       | 1/4" Male                 | 1/4"           | 1/4" Male              |                             |
|                   | 94993       | 1/4" Male                 | 1/4"           | 1/4" Female            |                             |

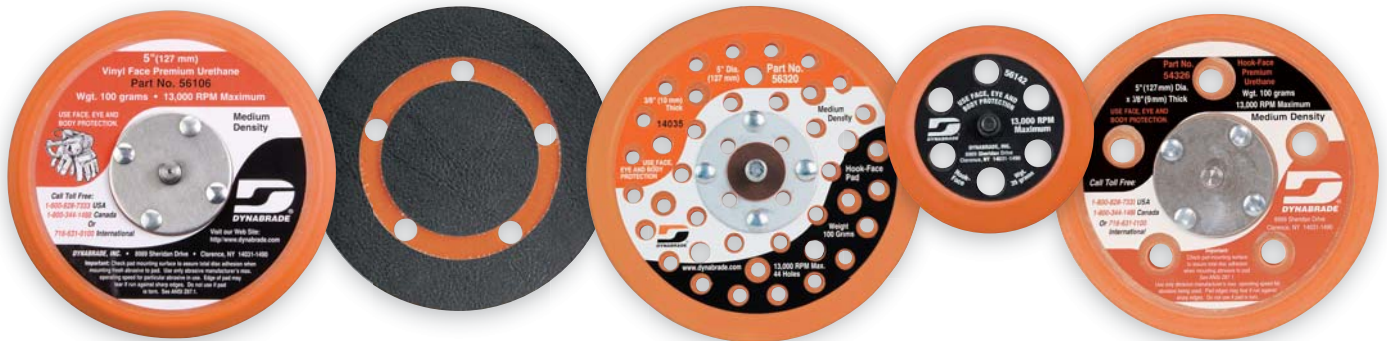
## Plugs with Safety Couplers

| Coupler Body Size | Part Number | Coupler Thread Size (NPT) | Plug Body Size | Plug Thread Size (NPT) | Air Flow Range SCFM (L/Min) |
|-------------------|-------------|---------------------------|----------------|------------------------|-----------------------------|
| 1/4"              | 97572       | 1/4" Female               | 1/4"           | 1/4" Male              | Up to 55 (1,558)            |
|                   | 97573       | 1/4" Female               | 1/4"           | 1/4" Female            |                             |
|                   | 97574       | 1/4" Male                 | 1/4"           | 1/4" Male              |                             |
|                   | 97575       | 1/4" Male                 | 1/4"           | 1/4" Female            |                             |



# **DYNABRADE PREMIUM SANDING PADS**

## ***Faster Sanding, Finer Finishes, LOWER COSTS!***



Dynabrade Random Orbital Sanding Pads are precision engineered for **ULTRA-SMOOTH** performance and **LONGER LIFE!** Remember to “Ask for the Orange” for the pad advantages that **increase your efficiency** and **lower your costs:**

- **SINGLE-PIECE Hub Design = LOWEST “Face Run-Out”!**
- **LOWEST “Face Run-Out” = LESS Pad Vibration!**
- **LESS Vibration = EXTENDED Bearing Life, LONGER Tool Life!**
- **LESS Vibration = REDUCED Operator Fatigue!**
- **LESS Vibration = SWIRL-FREE Finishes, FASTER Sanding!**
- **FASTER Sanding = Increased EFFICIENCY, LOWER COSTS!**



**Pads are perfectly WEIGHT-MATED to Dynabrade Random Orbital Sanders, for LOWEST Vibration Levels!**

**BETTER FINISHES, LONGER LIFE, LESS REWORK, HIGHER PROFITS...**

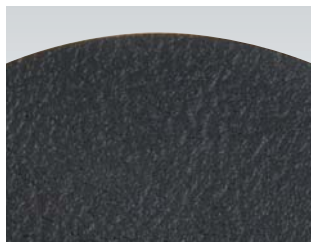


## ***Dynabrade Sanding Pads Make the Difference!***

## With Dynabrade's Exclusive Single-Piece Hub Design!

- Exclusive single-piece hub design reduces pad vibration and ensures smooth performance.
- PREMIUM URETHANE Sanding Pads are perfectly weight-mated to Dynabrade tools, for achieving consistent **swirl-free finishes**.

**Ask for the  
ORANGE!**



### Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad. Quick disc removal.



### Non-Vacuum Pads

High quality backup pad. Weight-mated for smooth running and minimal tool vibration.



### Vacuum Pads

Holes are precisely located to achieve proper alignment with abrasive discs, for optimum vacuum capabilities.



### Channel Vacuum Pads

1/8" (3 mm) deep recessed channel. No need to align abrasive holes with pad holes!



## Non-Vacuum Pads

| Pad Diameter   | Part Number | Thickness    | Density    |
|----------------|-------------|--------------|------------|
| 3" (76 mm)     | 56084       | 5/8" (16 mm) | Medium     |
|                | 56086       | 5/8" (16 mm) | Soft       |
| 3-1/2" (89 mm) | 56097       | 5/8" (16 mm) | Soft       |
|                | 56098       | 5/8" (16 mm) | Medium     |
| 5" (127 mm)    | 56102       | 3/8" (10 mm) | Soft       |
|                | 56106       | 3/8" (10 mm) | Medium     |
|                | 56175       | 5/8" (16 mm) | Medium     |
|                | 56185       | 5/8" (16 mm) | Soft       |
|                | 56273       | 1/2" (13 mm) | Extra Soft |
| 6" (152 mm)    | 56103       | 3/8" (10 mm) | Soft       |
|                | 56107       | 3/8" (10 mm) | Medium     |
|                | 56177       | 5/8" (16 mm) | Medium     |
|                | 56187       | 5/8" (16 mm) | Soft       |
| 8" (203 mm)    | 56234       | 3/8" (10 mm) | Medium     |

All Pads: 13,000 RPM maximum operating speed; 5/16"-24 male thread. (8" dia. pad mounts with 5 screws. 10,000 RPM max.)



**See Sanding Pad Display  
Packs on Page 233**

## Vacuum Pads

| Pad Diameter    | Part Number | Holes | Thickness    | Density    |
|-----------------|-------------|-------|--------------|------------|
| 3" (76 mm)*     | 56084       | 0     | 5/8" (16 mm) | Medium     |
|                 | 56086       | 0     | 5/8" (16 mm) | Soft       |
| 3-1/2" (89 mm)* | 56097       | 0     | 5/8" (16 mm) | Soft       |
|                 | 56098       | 0     | 5/8" (16 mm) | Medium     |
| 5" (127 mm)     | 56100       | 5     | 3/8" (10 mm) | Soft       |
|                 | 56104       | 5     | 3/8" (10 mm) | Medium     |
|                 | 56176       | 5     | 5/8" (16 mm) | Medium     |
|                 | 56186       | 5     | 5/8" (16 mm) | Soft       |
|                 | 56241       | 6     | 3/8" (10 mm) | Medium     |
|                 | 56274       | 5     | 1/2" (13 mm) | Extra Soft |
|                 | 56275       | 5     | 5/8" (16 mm) | Soft       |
| 6" (152 mm)     | 56101       | 6     | 3/8" (10 mm) | Soft       |
|                 | 56105       | 6     | 3/8" (10 mm) | Medium     |
|                 | 56178       | 6     | 5/8" (16 mm) | Medium     |
|                 | 56188       | 6     | 5/8" (16 mm) | Soft       |
| 8" (203 mm)     | 56235       | 5     | 3/8" (10 mm) | Medium     |

All Pads: 13,000 RPM maximum operating speed; 5/16"-24 male thread. (8" dia. pad mounts with 5 screws. 10,000 RPM max.)

**\*NOTE:** Our 3" (76 mm) and 3-1/2" (89 mm) pads, without holes, can be used for vacuum sanding. Vacuum pick-up is around periphery of pad.

## Exclusive Single-Piece Hub Design

- All Dynabrade Sanding Pads feature our exclusive single-piece hub design, which reduces pad vibration and ensures smooth performance!
- Competitive pads have a hub assembled from three separate pieces, which can contribute to pad "wobbling" and uneven sanding – meaning lost time and lost profits!
- "Face Run-Out" of Dynabrade Pads measures only .002 - .005. Competitive pads measure as high as .015 - .040!



## Channel Vacuum Pads

| Pad Diameter | Part Number | Holes | Thickness    | Density |
|--------------|-------------|-------|--------------|---------|
| 5" (127 mm)  | 56251       | 5     | 3/8" (10 mm) | Soft    |
|              | 56252       | 5     | 3/8" (10 mm) | Medium  |
|              | 56254       | 5     | 5/8" (16 mm) | Medium  |
|              | 56256       | 5     | 5/8" (16 mm) | Soft    |
| 6" (152 mm)  | 56261       | 6     | 3/8" (10 mm) | Soft    |
|              | 56262       | 6     | 3/8" (10 mm) | Medium  |
|              | 56264       | 6     | 5/8" (16 mm) | Medium  |
|              | 56266       | 6     | 5/8" (16 mm) | Soft    |

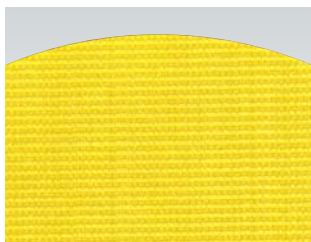
## Hook-Face

# Random Orbital Sanding Pads

## With Dynabrade's Exclusive Single-Piece Hub Design!

- Exclusive single-piece hub design reduces pad vibration and ensures smooth performance.
- PREMIUM URETHANE Sanding Pads are perfectly weight-mated to Dynabrade tools, for achieving consistent **swirl-free finishes**.

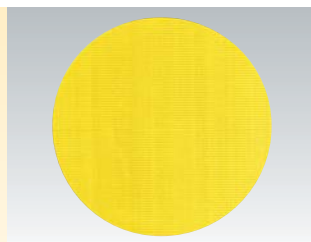
**Ask for the  
ORANGE!**



### Hook-Face Pads

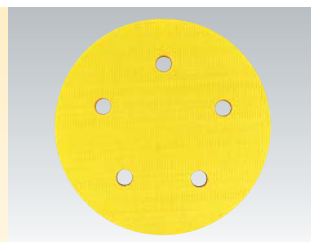
Short nap pads for use with reattachable discs.

Long nap pads for use with non-woven nylon discs.



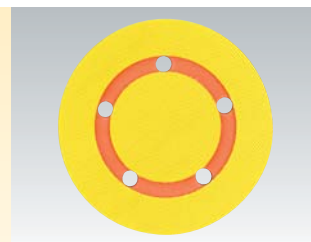
### Non-Vacuum Pads

High quality backup pad. Weight-mated for smooth running and minimal tool vibration.



### Vacuum Pads

Holes are precisely located to achieve proper alignment with abrasive discs, for optimum vacuum capabilities.



### Channel Vacuum Pads

1/8" (3 mm) deep recessed channel. No need to align abrasive holes with pad holes!

## Non-Vacuum Pads

| Pad Diameter   | Part Number | Thickness    | Nap   | Density    |
|----------------|-------------|--------------|-------|------------|
| 3" (76 mm)     | 56087       | 5/8" (16 mm) | Short | Medium     |
|                | 56090       | 5/8" (16 mm) | Long  | Medium     |
|                | 56145       | 1/2" (13 mm) | Short | Medium     |
| 3-1/2" (89 mm) | 54311       | 5/8" (16 mm) | Short | Soft       |
|                | 54313       | 5/8" (16 mm) | Short | Hard       |
|                | 54314       | 5/8" (16 mm) | Long  | Medium     |
| 5" (127 mm)    | 54325       | 3/8" (10 mm) | Short | Medium     |
|                | 56157       | 3/8" (10 mm) | Short | Soft       |
|                | 56180       | 5/8" (16 mm) | Short | Medium     |
|                | 56195       | 5/8" (16 mm) | Short | Soft       |
|                | 56271       | 1/2" (13 mm) | Short | Extra Soft |
| 6" (152 mm)    | 54327       | 3/8" (10 mm) | Short | Medium     |
|                | 56158       | 3/8" (10 mm) | Short | Soft       |
|                | 56182       | 5/8" (16 mm) | Short | Medium     |
|                | 56197       | 5/8" (16 mm) | Short | Soft       |
| 8" (203 mm)    | 56236       | 3/8" (10 mm) | Short | Medium     |

All Pads: 13,000 RPM maximum operating speed; 5/16"-24 male thread. (8" dia. pad mounts with 5 screws. 10,000 RPM max.)

## Channel Vacuum Pads

| Pad Diameter | Part Number | Holes | Thickness    | Nap   | Density |
|--------------|-------------|-------|--------------|-------|---------|
| 5" (127 mm)  | 56250       | 5     | 3/8" (10 mm) | Short | Medium  |
|              | 56253       | 5     | 3/8" (10 mm) | Short | Soft    |
|              | 56255       | 5     | 5/8" (16 mm) | Short | Medium  |
|              | 56257       | 5     | 5/8" (16 mm) | Short | Soft    |
| 6" (152 mm)  | 56260       | 6     | 3/8" (10 mm) | Short | Medium  |
|              | 56263       | 6     | 3/8" (10 mm) | Short | Soft    |
|              | 56265       | 6     | 5/8" (16 mm) | Short | Medium  |
|              | 56267       | 6     | 5/8" (16 mm) | Short | Soft    |

## Vacuum Pads

| Pad Diameter    | Part Number | Holes | Thickness    | Nap   | Density    |
|-----------------|-------------|-------|--------------|-------|------------|
| 3" (76 mm)*     | 56087       | 0     | 5/8" (16 mm) | Short | Medium     |
|                 | 56090       | 0     | 5/8" (16 mm) | Long  | Medium     |
|                 | 56142       | 6     | 1/2" (13 mm) | Short | Medium     |
| 3-1/2" (89 mm)* | 54311       | 0     | 5/8" (16 mm) | Short | Soft       |
|                 | 54313       | 0     | 5/8" (16 mm) | Short | Hard       |
|                 | 54314       | 0     | 5/8" (16 mm) | Long  | Medium     |
| 5" (127 mm)     | 54326       | 5     | 3/8" (10 mm) | Short | Medium     |
|                 | 56155       | 5     | 3/8" (10 mm) | Short | Soft       |
|                 | 56181       | 5     | 5/8" (16 mm) | Short | Medium     |
|                 | 56196       | 5     | 5/8" (16 mm) | Short | Soft       |
|                 | 56240       | 6     | 3/8" (10 mm) | Short | Medium     |
|                 | 56320       | 44    | 3/8" (10 mm) | Short | Medium     |
|                 | 56272       | 5     | 1/2" (13 mm) | Short | Extra Soft |
| 6" (152 mm)     | 54328       | 6     | 3/8" (10 mm) | Short | Medium     |
|                 | 56156       | 6     | 3/8" (10 mm) | Short | Soft       |
|                 | 56183       | 6     | 5/8" (16 mm) | Short | Medium     |
|                 | 56198       | 6     | 5/8" (16 mm) | Short | Soft       |
|                 | 56321       | 52    | 3/8" (10 mm) | Short | Medium     |
| 8" (203 mm)     | 56322       | 48    | 3/8" (10 mm) | Short | Medium     |
|                 | 56327       | 8     | 3/8" (10 mm) | Short | Medium     |

All Pads: 13,000 RPM maximum operating speed; 5/16"-24 male thread. (8" dia. pad mounts with 5 screws. 10,000 RPM max.)

\*NOTE: Our 3" (76 mm) and 3-1/2" (89 mm) pads, without holes, can be used for vacuum sanding. Vacuum pick-up is around periphery of pad.

## 15-Hole Vacuum Pad\*

| Pad Diameter | Part Number | Holes | Thickness    | Nap   | Density |
|--------------|-------------|-------|--------------|-------|---------|
| 6" (152 mm)  | 54331       | 15    | 5/8" (16 mm) | Short | Medium  |
|              | 56297       | 15    | 3/8" (10 mm) | Short | Medium  |

\*NOTE: This pad has unique "8+6+1" hole pattern.

It accepts 6" (152 mm) diameter abrasive discs with these hole patterns:

- 6-Hole • 6+1 • 8+1 • 8+6+1 • 21-Hole • Mesh or Multi-Hole

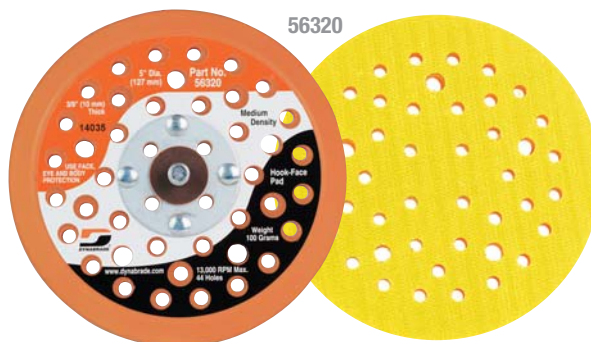


# SPECIALTY RANDOM ORBITAL SANDING PADS

## Mesh Abrasive Pads

### Multi-Hole Patterns are Compatible with Mesh Abrasive Discs

- For use with Random Orbital Sanders; eliminates "pilling" problems.
- For improved dust-free sanding of body fillers and primer.
- 13,000 max. operating speed; medium density; 5/16"-24 male thread.



### Vacuum Pads

| Pad Diameter | Part Number | Face | Holes | Thickness    | Nap   |
|--------------|-------------|------|-------|--------------|-------|
| 5" (127 mm)  | 56320       | Hook | 44    | 3/8" (10 mm) | Short |
| 6" (152 mm)  | 56321       | Hook | 52    | 3/8" (10 mm) | Short |
| 8" (203 mm)  | 56322       | Hook | 48    | 3/8" (10 mm) | Short |
| 11" (279 mm) | 53997       | Hook | 15    | 3/8" (10 mm) | Short |

### Vacuum and Mesh Conversion Kits

- Transform a Non-Vacuum tool into a Self-Generated Vacuum tool/Mesh Kit.
- Kits include Mesh Abrasive Pad, shroud and conversion parts, bag-in-bag vacuum system, extra disposable vacuum bags and scratch-proof belt strap.

#### Part No. 58055 5" Diameter Kit

- Includes 56320 Pad (5" diameter).

#### Part No. 58060 6" Diameter Kit

- Includes 56321 Pad (6" diameter).



## Radius Edge Pads

### Features Rounded Foam Edge

- For use with Random Orbital Sanders.
- Rounded foam edge of soft density pad conforms to shape of coves and corners.
- Hook-Face attachment is offset from pad edge, allowing abrasive to flex around radius.
- Ideal for use with scalloped-edge abrasives.
- 13,000 maximum operating speed; soft density; 5/16"-24 male thread.



### Non-Vacuum Pads

| Pad Diameter   | Part Number | Radius Edge  | Nap    | Thickness    |
|----------------|-------------|--------------|--------|--------------|
| 3-1/2" (89 mm) | 57796       | 3/8" (10 mm) | Short  | 5/8" (16 mm) |
| 5" (127 mm)    | 57792       | 3/8" (10 mm) | Medium | 5/8" (16 mm) |
|                | 57795       | 3/8" (10 mm) | Short  | 5/8" (16 mm) |

### Vacuum Pad

| Pad Diameter | Part Number | Radius Edge  | Nap   | Holes | Thickness    |
|--------------|-------------|--------------|-------|-------|--------------|
| 5" (127 mm)  | 57799       | 3/8" (10 mm) | Short | 5     | 5/8" (16 mm) |

## ADDITIONAL RANDOM ORBITAL SANDING PADS

# Rubber Random Orbital Sanding Pads

## Rubber Sanding Pads for the Economy-Minded Professional

12,000 RPM Maximum Operating Speed • 5/16"-24 Male Thread • Medium Density



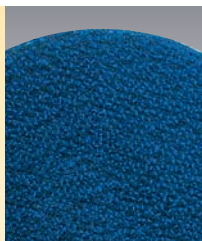
### Diamond Pattern

Low-cost alternative to premium urethane pads for the economy-minded professional. Use with PSA-type abrasives.



### Post Pattern

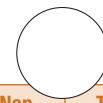
Grooves in bottom of pad allow for enhanced vacuum pick-up. No need to align vacuum holes with abrasive holes. Use with PSA-type abrasives.



### Long Nap Hook-Face

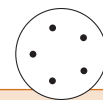
Use with non-woven nylon discs.

## Non-Vacuum Pads



| Pad Diameter | Part Number | Face    | Nap  | Thickness    |
|--------------|-------------|---------|------|--------------|
| 5" (127 mm)  | 50630       | Diamond | —    | 1/2" (13 mm) |
|              | 50605       | Hook    | Long | 1/2" (13 mm) |
| 6" (152 mm)  | 50632       | Diamond | —    | 1/2" (13 mm) |
|              | 50606       | Hook    | Long | 1/2" (13 mm) |

## Vacuum Pads



| Pad Diameter | Part Number | Face         | Nap  | Holes | Thickness    |
|--------------|-------------|--------------|------|-------|--------------|
| 5" (127 mm)  | 50631       | Diamond      | —    | 5     | 1/2" (13 mm) |
|              | 50695       | Post Pattern | —    | 5     | 1/2" (13 mm) |
|              | 50607       | Hook         | Long | 5     | 1/2" (13 mm) |
| 6" (152 mm)  | 50633       | Diamond      | —    | 6     | 1/2" (13 mm) |
|              | 50696       | Post Pattern | —    | 6     | 1/2" (13 mm) |
|              | 50610       | Hook         | Long | 6     | 1/2" (13 mm) |

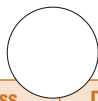
## Value Pad

### Quality Sanding Pad

- Vinyl-face.
- Medium density pad for use with Random Orbital Sanders.
- 5/16"-24 male thread.



## Non-Vacuum Pads



| Pad Diameter | Part Number | Thickness    | Density |
|--------------|-------------|--------------|---------|
| 5" (127 mm)  | 56205       | 3/8" (10 mm) | Medium  |
| 6" (152 mm)  | 56206       | 3/8" (10 mm) | Medium  |

## Vacuum Pads



| Pad Diameter | Part Number | Holes | Thickness    | Density |
|--------------|-------------|-------|--------------|---------|
| 5" (127 mm)  | 56207       | 5     | 3/8" (10 mm) | Medium  |
| 6" (152 mm)  | 56208       | 6     | 3/8" (10 mm) | Medium  |

## Display Packs

### Display Pads in Refillable Dynabrade Box

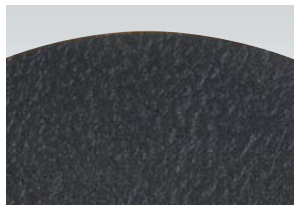
- Each display pack consists of ten Dynabrade Random Orbital Sanding Pads.
- Pads fit Dynabrade tools as well as other manufacturers' sanders.



| Pad Diameter | Pack Part No. | Pad Part No. | Vacuum Type | Holes |
|--------------|---------------|--------------|-------------|-------|
| 5" (127 mm)  | 95994         | 56106        | Non-Vacuum  | 0     |
|              | 95995         | 56104        | Vacuum      | 5     |
| 6" (152 mm)  | 95996         | 56107        | Non-Vacuum  | 0     |
|              | 95997         | 56105        | Vacuum      | 6     |

**Vinyl-Face**

# Gear-Driven Sanding Pads

**5", 6" and 8" Diameter Pads for Use with Gear-Driven Sanders****Vinyl-Face Pads**

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to vinyl-face sanding pad. Quick disc removal.

**Non-Vacuum Pads**

| Pad Diameter | Part Number | Max. RPM | Thickness    | Screws |
|--------------|-------------|----------|--------------|--------|
| 5" (127 mm)  | 57761       | 12,000   | 3/8" (10 mm) | 5      |
| 6" (152 mm)  | 57762       | 12,000   | 3/8" (10 mm) | 5      |
| 8" (203 mm)  | 56234       | 10,000   | 1/2" (13 mm) | 5      |

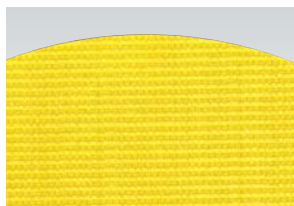
- 5 screw-mount system for tool models 58441-58446.
- All pads: **PREMIUM URETHANE**; medium density.

**Vacuum Pads**

| Pad Diameter | Part Number | Max. RPM | Thickness    | Holes | Screws |
|--------------|-------------|----------|--------------|-------|--------|
| 6" (152 mm)  | 57763       | 12,000   | 3/8" (10 mm) | 6     | 5      |
| 8" (203 mm)  | 56235       | 10,000   | 1/2" (13 mm) | 8     | 5      |

**Hook-Face**

# Gear-Driven Sanding Pads

**5", 6" and 8" Diameter Pads for Use with Gear-Driven Sanders****Hook-Face Pads**

Short nap pads for use with reattachable discs.

**Non-Vacuum Pads**

| Pad Diameter | Part Number | Max. RPM | Thickness    | Screws |
|--------------|-------------|----------|--------------|--------|
| 5" (127 mm)  | 57760       | 12,000   | 3/8" (10 mm) | 5      |
| 6" (152 mm)  | 57387       | 10,000   | 3/8" (10 mm) | 6      |
|              | 57764       | 12,000   | 3/8" (10 mm) | 5      |
| 8" (203 mm)  | 56236       | 10,000   | 1/2" (13 mm) | 5      |

- 5 screw-mount system for tool models 58441-58446.
- All pads: **PREMIUM URETHANE**; medium density.

**Vacuum Pads**

| Pad Diameter | Part Number | Max. RPM | Thickness    | Holes | Screws |
|--------------|-------------|----------|--------------|-------|--------|
| 6" (152 mm)  | 57765       | 12,000   | 3/8" (10 mm) | 6     | 5      |
| 8" (203 mm)  | 56237       | 10,000   | 1/2" (13 mm) | 8     | 5      |

**Channel Vacuum Pad**

| Pad Diameter | Part Number | Max. RPM | Thickness    | Holes | Screws |
|--------------|-------------|----------|--------------|-------|--------|
| 6" (152 mm)  | 57766       | 12,000   | 3/8" (10 mm) | 8     | 5      |

**Rubber**

# Gear-Driven Sanding Pads

- 8" (203 mm) diameters only.
- Rubber pads for the economy-minded professional.
- Hook-Face pads mount with five screws.
- Medium density.

**Non-Vacuum Pads**

| Pad Diameter | Part Number | Nap   | Thickness    |
|--------------|-------------|-------|--------------|
| 8" (203 mm)  | 54332       | Long  | 1/2" (13 mm) |
|              | 54335       | Short | 1/2" (13 mm) |

**Vacuum Pads**

| Pad Diameter | Part Number | Holes | Nap   | Thickness    |
|--------------|-------------|-------|-------|--------------|
| 8" (203 mm)  | 54333       | 8     | Long  | 1/2" (13 mm) |
|              | 54336       | 8     | Short | 1/2" (13 mm) |

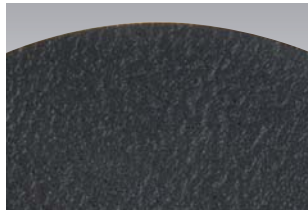


# 11" Random Orbital & Gear-Driven Sanding Pads

**Premium Foam Pads for Large Diameter Sanders – For use on Both Non-Vacuum and Vacuum Models**

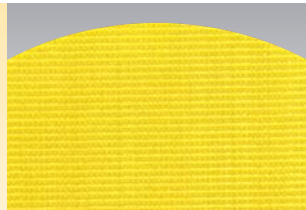
*3,000 RPM Maximum Operating Speed*

*Mounts with Five Screws • Five Holes • Medium Density*



## Vinyl-Face Pads

Ideal for PSA-type disc adhesion. Remove abrasive adhesive paper liner and press abrasive to Vinyl-Face sanding pad. Quick disc removal.



## Hook-Face Pads

Short nap pads for use with reattachable discs.

## Non-Vacuum/Vacuum Pads



| Pad Diameter | Part Number | Face  | Nap   | Thickness    |
|--------------|-------------|-------|-------|--------------|
| 11" (279 mm) | 56230       | Vinyl | –     | 1/2" (13 mm) |
|              | 56231       | Hook  | Short | 1/2" (13 mm) |



# Dynaline Sanding Pads

*3/8" (10 mm) Thick, Medium Density Pads*

- Pads mount with two screws.

## Non-Vacuum Pads

| Pad Dimensions                  | Part Number | Face  | Nap   | Screws |
|---------------------------------|-------------|-------|-------|--------|
| 2-3/4" x 8"<br>(70 mm x 203 mm) | 57454       | Vinyl | –     | 2      |
|                                 | 57456       | Hook  | Short | 2      |
|                                 | 57471       | Hook  | Long  | 2      |
| 3-2/3" x 7"<br>(93 mm x 178 mm) | 57850       | Vinyl | –     | 2      |
|                                 | 57851       | Hook  | Short | 2      |
|                                 | 57852       | Hook  | Long  | 2      |

## Non-Vacuum Pad with Clips

| Pad Dimensions                  | Part Number | Face  | Nap | Screws |
|---------------------------------|-------------|-------|-----|--------|
| 2-3/4" x 8"<br>(70 mm x 203 mm) | 57460       | Vinyl | –   | 2      |

## Channel Vacuum Pads

| Pad Dimensions                  | Part Number | Face  | Nap   | Screws |
|---------------------------------|-------------|-------|-------|--------|
| 3-2/3" x 7"<br>(93 mm x 178 mm) | 57870       | Vinyl | –     | 4      |
|                                 | 57871       | Hook  | Short | 4      |



## Vacuum Pads

| Pad Dimensions                  | Part Number | Face  | Nap   | Screws |
|---------------------------------|-------------|-------|-------|--------|
| 2-3/4" x 8"<br>(70 mm x 203 mm) | 57455       | Vinyl | –     | 6      |
|                                 | 57457       | Hook  | Short | 6      |
| 3-2/3" x 7"<br>(93 mm x 178 mm) | 57855       | Vinyl | –     | 10     |
|                                 | 57856       | Hook  | Short | 10     |

## Contoured Pads

- Vinyl-face, premium urethane, medium density.
- Accepts 2-3/4" (70 mm) wide x 8" (203 mm) long PSA abrasive sheets.



| Part Number | Pad Type    |
|-------------|-------------|
| 57462       | Backsplash  |
| 57458       | "Bull-nose" |

# Dynafine® Sanding Pads

## Round Shape

| Diameter   | Part No. | Vacuum Type | Thickness    | Holes | Attachment | Nap   | Density | Screws |
|------------|----------|-------------|--------------|-------|------------|-------|---------|--------|
| 3" (76 mm) | 58044    | Vacuum      | 3/8" (10 mm) | 6     | Vinyl-Face | –     | Soft    | 2      |
|            | 58047    | Vacuum      | 3/8" (10 mm) | 6     | Hook-Face  | Short | Soft    | 2      |



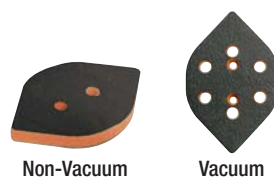
## Triangular Shape

| Diameter                           | Part No. | Vacuum Type | Thickness    | Holes | Attachment | Nap   | Density | Screws |
|------------------------------------|----------|-------------|--------------|-------|------------|-------|---------|--------|
| 2-7/8" x 3-1/8"<br>(73 mm x 79 mm) | 57950    | Non-Vacuum  | 3/8" (10 mm) | 0     | Vinyl-Face | –     | Medium  | 2      |
|                                    | 57951    | Non-Vacuum  | 3/8" (10 mm) | 0     | Hook-Face  | Short | Medium  | 2      |
|                                    | 57955    | Non-Vacuum  | 3/8" (10 mm) | 0     | Hook-Face  | Long  | Medium  | 2      |
|                                    | 58046    | Vacuum      | 3/8" (10 mm) | 6     | Vinyl-Face | –     | Medium  | 2      |
|                                    | 58049    | Vacuum      | 3/8" (10 mm) | 6     | Hook-Face  | Short | Medium  | 2      |



## Tear Drop Shape

| Diameter                           | Part No. | Vacuum Type | Thickness    | Holes | Attachment | Nap   | Density | Screws |
|------------------------------------|----------|-------------|--------------|-------|------------|-------|---------|--------|
| 3-3/4" x 2-3/8"<br>(95 mm x 60 mm) | 57952    | Non-Vacuum  | 3/8" (10 mm) | 0     | Vinyl-Face | –     | Medium  | 2      |
|                                    | 57953    | Non-Vacuum  | 3/8" (10 mm) | 0     | Hook-Face  | Short | Medium  | 2      |
|                                    | 57954    | Non-Vacuum  | 3/8" (10 mm) | 0     | Hook-Face  | Long  | Medium  | 3      |
|                                    | 58045    | Vacuum      | 3/8" (10 mm) | 6     | Vinyl-Face | –     | Medium  | 2      |
|                                    | 58048    | Vacuum      | 3/8" (10 mm) | 6     | Hook-Face  | Short | Medium  | 2      |



## Raised Panel Shape

| Diameter                        | Part No. | Vacuum Type | Thickness    | Attachment | Nap   | Density | Screws |
|---------------------------------|----------|-------------|--------------|------------|-------|---------|--------|
| 4" x 3/4"<br>(102 mm x 19 mm)   | 57956    | Non-Vacuum  | 3/8" (10 mm) | Hook-Face  | Short | Soft    | 2      |
| 4" x 1-1/4"<br>(102 mm x 32 mm) | 57957    | Non-Vacuum  | 3/8" (10 mm) | Hook-Face  | Short | Soft    | 2      |



**NOTE:** 98293 Complete Raised Panel Pad Assembly includes 57956 pad, mounting plate and two screws.  
57905 Kit includes 57956 pad and eight abrasive strips. 98292 Adapter mounts to tool (no pad included).

# Dynafine® Backsplash Sanding Pads

*Excellent for Fabricating Solid Surface Coved Backsplashes*

- Choose radius pads or reverse radius pads.



## Radius Non-Vacuum Pads

| Radius Dimension | Shape | Part Number | Face  |
|------------------|-------|-------------|-------|
| 1/4" (6 mm)      |       | 58020       | Vinyl |
| 3/8" (10 mm)     |       | 58021       | Vinyl |
| 1/2" (13 mm)     |       | 58022       | Vinyl |
| 5/8" (16 mm)     |       | 58023       | Vinyl |

## Reverse Radius Non-Vacuum Pad

| Radius Dimension | Shape | Part Number | Face  |
|------------------|-------|-------------|-------|
| 3/4" (19 mm)     |       | 58024       | Vinyl |

# Dynabug® “Model T” Pads

- 20,000 RPM maximum operating speed. Pads mount with four screws (except 57999 - mounts with clips).



## Vinyl-Face, Non-Vacuum Pads

| Pad Dimensions                                      | Part Number | Thickness    | Density |
|---|-------------|--------------|---------|
| 5" (127 mm) Dia.                                    | 56246       | 5/8" (16 mm) | Soft    |
|   | 56249       | 3/8" (10 mm) | Medium  |
| 6" (152 mm) Dia.                                    | 56269       | 3/8" (10 mm) | Medium  |
|   | 56287       | 5/8" (16 mm) | Soft    |
| 4" W x 4-5/16" L<br>(102 mm x 110 mm)<br>with Clips | 57999       | 1/4" (6 mm)  | Medium  |
| 4-1/4" W x 4-1/2" L<br>(108 mm x 114 mm)            | 56244       | 3/8" (10 mm) | Medium  |
|   | 56245       | 5/8" (16 mm) | Soft    |

## Vinyl-Face, Vacuum Pads

| Pad Dimensions                           | Part No. | Holes | Thickness    | Density |
|--|----------|-------|--------------|---------|
| 4-1/4" W x 4-1/2" L<br>(108 mm x 114 mm) | 56286    | 6     | 1/4" (6 mm)  | Medium  |
|  | 56291    | 6     | 3/8" (10 mm) | Medium  |
|  | 56293    | 6     | 5/8" (16 mm) | Soft    |

## Hook-Face, Non-Vacuum Pads

| Pad Dimensions                           | Part Number | Thickness    | Density |
|--|-------------|--------------|---------|
| 5" (127 mm) Dia.                         | 56247       | 5/8" (16 mm) | Soft    |
|  | 56248       | 3/8" (10 mm) | Medium  |
| 6" (152 mm) Dia.                         | 56268       | 3/8" (10 mm) | Medium  |
|  | 56288       | 5/8" (16 mm) | Soft    |
| 4-1/4" W x 4-1/2" L<br>(108 mm x 114 mm) | 57996       | 5/8" (16 mm) | Soft    |
|  | 57998       | 3/8" (10 mm) | Medium  |

## Hook-Face, Vacuum Pads

| Pad Dimensions                           | Part No. | Holes | Thickness    | Density |
|--|----------|-------|--------------|---------|
| 5" (127 mm) Dia.                         | 58086*   | 5     | 1/2" (13 mm) | Medium  |
| 6" (152 mm) Dia.                         | 58093*   | 6     | 1/2" (13 mm) | Medium  |
| 4-1/4" W x 4-1/2" L<br>(108 mm x 114 mm) | 56292    | 6     | 3/8" (10 mm) | Medium  |
|  | 56294    | 6     | 5/8" (16 mm) | Soft    |
|  | 56285    | 6     | 3/16" (5 mm) | Medium  |

\*For use with Wet Dynabug® “Model T” (page 174)

# Dynabug® Sanding Pads

- 3/8" (10 mm) thick, medium density pads. Pads mount with four screws.

## Non-Vacuum Pads

| Pad Dimensions                  | Part Number | Face  | Nap   | Screws |
|---------------------------------|-------------|-------|-------|--------|
| 3-2/3" x 7"<br>(93 mm x 178 mm) | 57850       | Vinyl | —     | 4      |
|                                 | 57851       | Hook  | Short | 4      |
|                                 | 57852       | Hook  | Long  | 4      |

## Vacuum Pads

| Pad Dimensions                  | Part Number | Face  | Nap   | Screws |
|---------------------------------|-------------|-------|-------|--------|
| 3-2/3" x 7"<br>(93 mm x 178 mm) | 57855       | Vinyl | —     | 4      |
|                                 | 57856       | Hook  | Short | 4      |



## Channel Vacuum Pads

| Pad Dimensions                  | Part Number | Face  | Nap   | Screws |
|---------------------------------|-------------|-------|-------|--------|
| 3-2/3" x 7"<br>(93 mm x 178 mm) | 57870       | Vinyl | —     | 4      |
|                                 | 57871       | Hook  | Short | 4      |

# Dynabug® II Pads

- 3/8" (10 mm) thick, medium density pads. Pads mount with four screws.

## Non-Vacuum Pads

| Pad Dimensions                       | Part Number | Face  |
|--------------------------------------|-------------|-------|
| 2-3/4" x 7"<br>(68 mm x 175 mm)      | 56354       | Vinyl |
| 3" x 4-1/4"<br>(74 mm x 109 mm)      | 56315       | Hook  |
|                                      | 56355       | Vinyl |
| 3-1/4" x 5"<br>(80 mm x 130 mm)      | 56317       | Hook  |
|                                      | 56357       | Vinyl |
| 4-1/4" x 4-1/2"<br>(108 mm x 114 mm) | 56330       | Vinyl |
|                                      | 56331       | Hook  |

## Vacuum Pads



| Pad Dimensions                      | Part Number | Vacuum Holes       | Face  |
|-------------------------------------|-------------|--------------------|-------|
| 2-3/4" x 7-3/4"<br>(68 mm x 196 mm) | 56326       | 8                  | Hook  |
| 3" x 4-1/4"<br>(74 mm x 109 mm)     | 56316       | 4                  | Hook  |
|                                     | 56356       | 4                  | Vinyl |
| 3-1/4" x 5"<br>(80 mm x 130 mm)     | 56318       | 8 (4+4)            | Hook  |
|                                     | 56319       | 8                  | Hook  |
|                                     | 56359       | 8                  | Vinyl |
| 3-7/8" x 5-5/8"<br>(99 mm x 143 mm) | 56323       | 7<br>“Delta-Style” | Hook  |

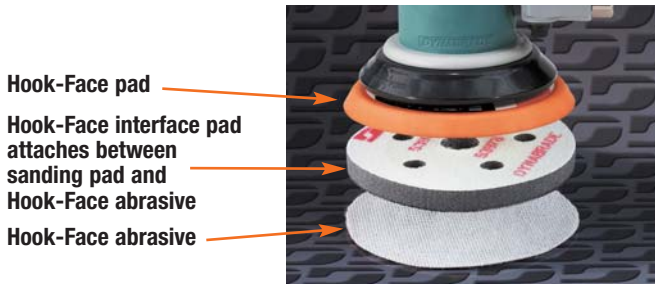


# Interface Pads and Pad Conversions

For Combining with Standard Dynabrade Pads for Increased Versatility

## Dynafoam Interface Pads

- Attaches between sanding pad and Hook-Face abrasive.
- Soft foam increases conformability allowing operator to easily follow contours. Converts standard pad into a fine finishing and finessing pad!
- Interface pad easily contours to most surfaces.



### For Random Orbital Sanders

| Part No. | Diameter       |   |
|----------|----------------|---|
| 53974    | 3" (76 mm)     | ○ |
| 53976    | 3-1/2" (89 mm) | ○ |
| 53978    | 5" (127 mm)    | ⊙ |
| 53980    | 6" (152 mm)    | ⊙ |
| 53965    | 6" (152 mm)    | ⊙ |
| 53982    | 8" (203 mm)    | ⊙ |

### For Dynafine® Detail Sanders

| Part No. | Shape     |   |
|----------|-----------|---|
| 53970    | Tear Drop | ◐ |
| 53972    | Triangle  | △ |

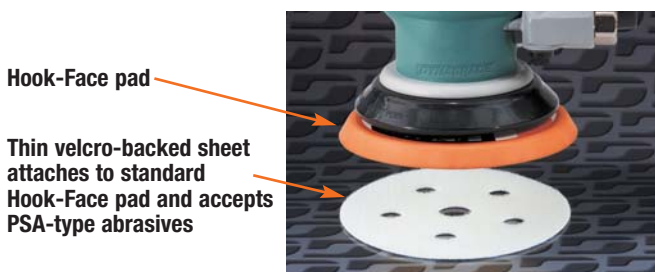
### For 11" Sanders

| Part No. | Diameter |   |
|----------|----------|---|
| 53998    | 11"      | ⊙ |

### For Dynaline and Dynabug® Sanders

| Part No. | Dimensions  |   |
|----------|---|---|
| 53984    | 2-3/4" (70 mm) x 11" (279 mm)<br>For the Dynaline             | ▭ |
| 53986    | 2-3/4" (70 mm) x 8" (203 mm)<br>For the Dynaline              | ▭ |
| 53988    | 3-2/3" (93 mm) x 7" (175 mm)<br>For the Dynaline and Dynabug® | ▭ |

## Hook-to-Vinyl Conversions



## Vinyl-to-Hook Conversions

- Thin sticky-back sheet adheres to current vinyl-face pad and accepts Hook-Face abrasives and Hook-Face interface pads.



### For Random Orbital Sanders

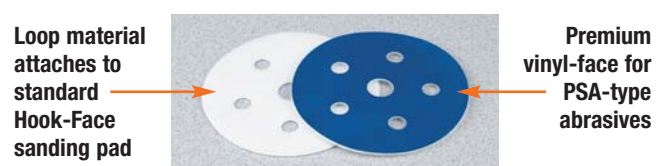
| Part No. | Diameter       |   |
|----------|----------------|---|
| 53975    | 3" (76 mm)     | ○ |
| 53977    | 3-1/2" (89 mm) | ○ |
| 53979    | 5" (127 mm)    | ⊙ |
| 53981    | 6" (152 mm)    | ⊙ |

### For Dynafine® Detail Sanders

| Part No. | Shape     |   |
|----------|-----------|---|
| 53971    | Tear Drop | ◐ |
| 53973    | Triangle  | △ |

### For Dynaline and Dynabug® Sanders

| Part No. | Dimensions  |   |
|----------|---|---|
| 53985    | 2-3/4" (70 mm) x 11" (279 mm)<br>For the Dynaline             | ▭ |
| 53987    | 2-3/4" (70 mm) x 8" (203 mm)<br>For the Dynaline              | ▭ |
| 53989    | 3-2/3" (93 mm) x 7" (175 mm)<br>For the Dynaline and Dynabug® | ▭ |



### Non-Vacuum and Vacuum

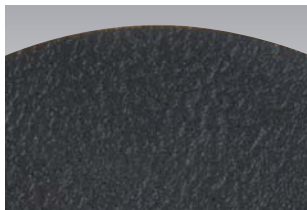
| Part No. | Diameter    |   |
|----------|-------------|---|
| 53992    | 5" (127 mm) | ⊙ |

| Part No. | Diameter    |   |
|----------|-------------|---|
| 53993    | 6" (152 mm) | ⊙ |

# 11" File Board Sanding Pads

3/8" (10 mm) Thick, Medium Density Pads

*Pads Mount with Two Screws*



## Vinyl-Face Pads

Ideal for PSA-type adhesion. Press abrasive sheet directly to Vinyl-Face sanding pad. Quick abrasive removal.



## Hook-Face Pads

Short nap pads for use with reattachable sheets.

Long nap pads for use with non-woven nylon sheets.



## Non-Vacuum Pads

| Pad Dimensions                   | Part Number | Face  | Nap   |
|----------------------------------|-------------|-------|-------|
| 2-3/4" x 11"<br>(70 mm x 278 mm) | 57511       | Vinyl | —     |
|                                  | 57513       | Hook  | Short |
|                                  | 57514       | Hook  | Long  |

## Non-Vacuum Pad with Clips

| Pad Dimensions                   | Part Number | Face  |
|----------------------------------|-------------|-------|
| 2-3/4" x 11"<br>(70 mm x 278 mm) | 57512       | Vinyl |

# Hook-Face Buffing Pads

For Use with Dynabrade Buffing Tools



## Yellow Foam

Cutting - foam cells are larger and further apart than White Foam cells making the action more aggressive.



## White Foam

Polishing - foam cells are smaller and closer together than Yellow Foam cells making the action less aggressive.



## Orange Waffle Foam

Use during compounding stage to remove swirl and haze marks.



## Terry Cloth

Application and removal of waxes and polishes.



## Synthetic Wool

Final finishing and polishing.



## Natural Sheepskin

Final finishing and polishing; softer feel than synthetic wool.

| Pad Dimensions  | Part No. | Description       | Type      | Color  |
|-----------------|----------|-------------------|-----------|--------|
| 3" (76 mm)      | 90027    | Terry Cloth       | Polishing | White  |
|                 | 90028    | Synthetic Wool    | Polishing | White  |
|                 | 90038    | Foam Flat         | Polishing | White  |
|                 | 90044    | Foam Flat         | Cutting   | Yellow |
|                 | 90080    | Natural Sheepskin | Polishing | White  |
| 3-1/4" (83 mm)  | 90070    | Foam Waffle       | Polishing | Orange |
| 3-1/2" (89 mm)  | 90034    | Natural Sheepskin | Polishing | Tan    |
| 3-3/4" (95 mm)  | 90071    | Foam Waffle       | Polishing | Orange |
| 4" (102 mm)     | 90024    | Cotton Buff       | Polishing | White  |
| 5" (127 mm)     | 90036    | Natural Sheepskin | Polishing | Tan    |
|                 | 90040    | Foam Flat         | Polishing | White  |
|                 | 90045    | Foam Flat         | Cutting   | Yellow |
|                 | 90081    | Natural Sheepskin | Polishing | White  |
| 5-1/4" (133 mm) | 90063    | Foam Waffle       | Polishing | Orange |
| 6" (152 mm)     | 54330*   | Foam Flat         | Polishing | Yellow |
|                 | 90046    | Foam Flat         | Cutting   | Yellow |
|                 | 90047    | Foam Flat         | Polishing | White  |
| 7" (178 mm)     | 90082    | Natural Sheepskin | Polishing | White  |
| 8" (203 mm)     | 90041    | Foam Flat         | Polishing | Blue   |
|                 | 90083    | Synthetic Wool    | Cutting   | White  |

\*NOTE: Part Number 54330 has 5/16"-24 male thread



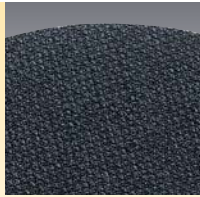
# Foam-Backed Sanding Pads

## Soft Density Sanding Pads



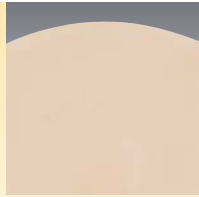
### Foam Backing

Soft, dual density bonded dual action pad for use on curved and contour surfaces.



### Hook-Face Pads

Short nap pads for use with reattachable discs.



### Rubber-Face

For use with PSA and screen abrasives.

## Non-Vacuum Pads

| Pad Diameter | Part Number | MOS (RPM) | Face   | Mounts with           | Thickness      |
|--------------|-------------|-----------|--------|-----------------------|----------------|
| 6" (152 mm)  | 50828       | 3,200     | Rubber | 5/8"-11 Female Thread | 1-1/4" (32 mm) |
| 8" (203 mm)  | 50829       | 3,200     | Rubber | 5/8"-11 Female Thread | 1-1/4" (32 mm) |
|              | 54337       | 1,500     | Hook   | 5 Screws              | 1" (25 mm)     |

**NOTE:** Part Number 54337 is weight-mated to Model 58445 (8" Gear-Driven Orbital Sander)

# Wet/Dry Sander Disc Pads

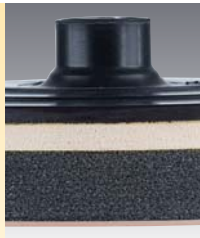
## Hook-Face Pads

For Use With 4" to 8" Dia. Wet/Dry Sanders



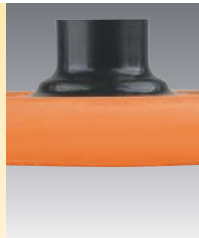
### Rigid Backing

For finishing flat surfaces with non-woven nylon abrasive discs.



### Foam Backing

Soft, dual density bonded dual action pad for use on curved and contour surfaces.



### Urethane

Pads are long tapered with an extremely flexible edge for sanding contours.

## Non-Vacuum Pads

| Pad Diameter       | Part No. | Type     | Nap   | MOS RPM | Thread         |
|--------------------|----------|----------|-------|---------|----------------|
| 2" (51 mm)         | 50156    | Rigid    | Long  | 10,000  | 3/8"-24 Female |
| 4"-5" (102-127 mm) | 50146    | Rigid    | Short | 6,000   | 1/4"-20 Female |
|                    | 50147    | Rigid    | Short | 6,000   | 3/8"-24 Female |
| 5" (127 mm)        | 50155    | Rigid    | Long  | 10,000  | 5/8"-11 Female |
|                    | 50884    | Rigid    | Short | 10,000  | 5/8"-11 Female |
|                    | 57542    | Urethane | Short | 4,800   | M14 x 2        |
|                    | 57544    | Urethane | Short | 4,800   | 5/8"-11 Female |
| 6" (152 mm)        | 50946    | Foam     | Short | 3,200   | 5/8"-11 Female |
|                    | 57543    | Urethane | Short | 4,800   | M14 x 2        |
|                    | 57545    | Urethane | Short | 4,800   | 5/8"-11 Female |
| 7-1/4" (184 mm)    | 50853    | Foam     | Short | 3,200   | 5/8"-11 Female |
|                    | 50854    | Foam     | Short | 3,200   | M14 x 2        |
| 8" (203 mm)        | 50855    | Foam     | Short | 3,200   | 5 Screws       |
|                    | 50947    | Foam     | Short | 3,200   | 5/8"-11 Female |

# Mini-Dynorbital® Disc Pads

## Rigid, Foam and Soft Urethane Pads



### Rigid and Foam Backing

- 3" (76 mm) dia. pads are compatible with angle-head and palm-style Mini-Dynorbital® sanders; Angle-Head Buffers.
- Hook-face pads accept reattachable abrasive discs as well as polishing buff pads.

### Soft Urethane

- 3-1/2" (89 mm) pads have loop-facing to mount to rigid backing pads (P/N 50125 and P/N 50126).



**Rigid Backing**  
20,000 RPM Max.



**Foam Backing**  
5,000 RPM Max.



**Soft Urethane**  
5,000 RPM Max.

| Part No. | Thread Size    |
|----------|----------------|
| 50125    | 1/4"-20 Female |
| 50126    | 3/8"-24 Female |

| Part No. | Thread Size    |
|----------|----------------|
| 50120    | 1/4"-20 Female |
| 50122    | 3/8"-24 Female |

| Part No. | Face  |
|----------|-------|
| 54486    | Vinyl |
| 54488    | Hook  |



# Mini-Dynorbital® Sanding Pads

Enhance the Versatility of Your Mini-Dynorbital® Sander



54017



54085



54087



54089



54018



54084



54090

## 3/4" (19 mm) Dia. Sanding Pads

| Part No. | Max. RPM | Material | Density   | Face   | Thread         |
|----------|----------|----------|-----------|--------|----------------|
| 54017    | 12,000   | Foam     | Medium    | Rubber | 1/4"-20 Female |
| 54085    | 12,000   | Foam     | Very Soft | Foam   | 1/4"-20 Female |
| 54087    | 15,000   | Foam     | Soft      | Vinyl  | 1/4"-20 Female |
| 54089    | 7,500    | Nylon    | Hard      | Hook   | 1/4"-20 Female |
| 54091    | 15,000   | Urethane | Soft      | Vinyl  | 1/4"-20 Female |

**NOTE:** To mount pads that have 1/4"-20 female thread directly to tool for conventional rotary action, use 54021 Adapter

## 1-1/4" (32 mm) Dia. Sanding Pads

| Part No. | Max. RPM | Material | Density   | Face   | Thread         |
|----------|----------|----------|-----------|--------|----------------|
| 54018    | 12,000   | Foam     | Medium    | Rubber | 1/4"-20 Female |
| 54037    | 12,000   | Nylon    | Soft      | Vinyl  | Locking-Type   |
| 54084    | 15,000   | Urethane | Soft      | Vinyl  | 1/4"-20 Female |
| 54086    | 12,000   | Foam     | Very Soft | Foam   | 1/4"-20 Female |
| 54088    | 15,000   | Foam     | Soft      | Vinyl  | 1/4"-20 Female |
| 54090    | 7,500    | Nylon    | Hard      | Hook   | 1/4"-20 Female |

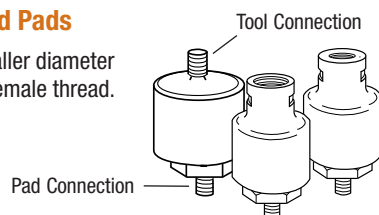
**NOTE:** To mount pads that have 1/4"-20 female thread directly to tool for conventional rotary action, use 54021 Adapter

# Mini-Dynorbital® Sanding Heads

Enhance the Versatility of Your Mini-Dynorbital® Sander

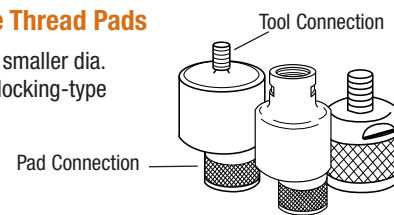
### For 1/4"-20 Female Thread Pads

- Accepts 76 mm (3") and smaller diameter sanding pads with 1/4"-20 female thread.



### For Male Locking-Type Thread Pads

- Accepts 76 mm (3") and smaller dia. sanding pads with male locking-type threads.



| Part Number | Tool Connection | Pad Connection |
|-------------|-----------------|----------------|
| 54028       | 1/4"-28 Male    | 1/4"-20 Male   |
| 54034       | 3/8"-24 Female  | 1/4"-20 Male   |
| 54476       | 1/4"-20 Female  | 1/4"-20 Male   |

| Part Number | Tool Connection | Pad Connection             |
|-------------|-----------------|----------------------------|
| 54029       | 1/4"-28 Male    | Locking-Type Female Thread |
| 54035       | 3/8"-24 Female  | Locking-Type Female Thread |
| 54030*      | 1/4"-28 Male    | Locking-Type Female Thread |

\*For Rotary Sanding

# Hanger for Right Angle Denibber

Attaches to Tool for Convenient Workplace Storage

### 97161 Tool Hanger

- Lightweight Hanger easily attaches to all models of Dynabrade's Right Angle Denibber, sold separately.

**See additional  
Tool Hangers  
on page 253!**



58037 Right Angle Denibber  
(shown with optional Dynaswivel®  
Air Line Connector)



# Disc Sanding Pads and Assemblies

Follow Tool RPM and Abrasive Maximum Operating Speed as Guidelines

## Thermoplastic Pads

- Accepts abrasive discs with 7/8" (22 mm) center hole.
- Fins help expel heat from disc pad extending disc life.
- Flange nut included.



| Pad Diameter    | Part Number | Pad MOS RPM | Center Hole Diameter | Female Thread | Density |
|-----------------|-------------|-------------|----------------------|---------------|---------|
| 4-1/2" (114 mm) | 50150       | 13,000      |                      | M14 x 2       | Medium  |
|                 | 50288       | 13,000      | 5/8"                 |               | Hard    |
|                 | 50289       | 13,000      |                      | 3/8"-24       | Hard    |
|                 | 51148       | 13,000      | 5/8"                 |               | Medium  |
|                 | 51149       | 13,000      |                      | 5/8"-11*      | Medium  |
| 5" (127 mm)     | 50151       | 12,000      |                      | M14 x 2       | Medium  |
|                 | 50296       | 12,000      | 5/8"                 |               | Hard    |
|                 | 51150       | 12,000      | 5/8"                 |               | Medium  |
| 7" (178 mm)     | 50152       | 8,500       |                      | M14 x 2       | Medium  |
|                 | 50297       | 8,500       | 5/8"                 |               | Hard    |
|                 | 51151       | 8,500       | 5/8"                 |               | Medium  |

\*Includes 51152 Adapter for mounting to 3/8"-24 spindle

## Rubber Molded Pad with Spiral Ribs

- Accepts abrasive discs with 7/8" (22 mm) center hole.
- Spiral ribs provide contact points and form air-flow channels, extending disc life.
- Slotted hub draws cool air behind disc.
- Flange nut included.



| Pad Diameter    | Part Number | Pad MOS RPM | Thread         | Density |
|-----------------|-------------|-------------|----------------|---------|
| 4-1/2" (114 mm) | 50157       | 13,500      | M14 x 2        | Medium  |
|                 | 50281       | 13,500      | 5/8"-11 Female | Medium  |
| 5" (127 mm)     | 50282       | 13,000      | 5/8"-11 Female | Medium  |
|                 | 50317       | 10,000      | M14 x 2        | Medium  |
| 7" (178 mm)     | 50283       | 8,600       | 5/8"-11 Female | Medium  |

## 50261 Fibre Disc Phenolic Backing Pad

### 4-1/4" (108 mm) Dia. Pad

- Accepts center hole abrasive discs.
- 5/8"-11 female thread.
- Includes **50267 Pad Assembly** with 50268 Locking Nut. (50267 Assembly included with 50321 Disc Sander.)



| Pad Diameter    | Part Number | Pad MOS RPM | Thread         | Density |
|-----------------|-------------|-------------|----------------|---------|
| 4-1/4" (108 mm) | 50261       | 25,000      | 5/8"-11 Female | Hard    |

## 50111 Disc Pad Conversion Assembly

### 2" (51 mm) Dia. Pad

- Includes 50107 PSA Disc Pad and 50103 Pad Adapter. Converts 1/4"-20 female thread to 1/4" dia. shank, for use with Collets and Chucks.



## Pads for PSA-Type Discs

### 2" (51 mm) Dia. Pad

- Easy application and removal of disc. Remove the disc's liner to reveal a pressure-sensitive adhesive coating. Peel the old disc off the pad, and press on the new disc!



| Pad Diameter | Part Number | Pad MOS RPM | Thread         | Density |
|--------------|-------------|-------------|----------------|---------|
| 2" (51 mm)   | 50107       | 20,000      | 1/4"-20 Female | Medium  |
|              | 50109       | 20,000      | 3/8"-24 Female | Medium  |

## Pads for Locking-Type Discs

### 2" (51 mm), 3" (76 mm) and 4" (102 mm) Dia. Pads

- A quick turn of the disc locks it into place.
- 2" (51 mm) and 3" (76 mm) dia. pads include 50103 Pad Adapter to convert 1/4"-20 female thread to 1/4" dia. shank, for use with Collets and Chucks.



| Pad Diameter | Part Number | Pad MOS RPM | Thread         | Density |
|--------------|-------------|-------------|----------------|---------|
| 2" (51 mm)   | 51344*      | 30,000      | 1/4"-20 Female | Medium  |
|              | 51345       | 30,000      | 3/8"-24 Female | Medium  |
| 3" (76 mm)   | 51346*      | 20,000      | 1/4"-20 Female | Medium  |
|              | 51347       | 20,000      | 3/8"-24 Female | Medium  |
| 4" (102 mm)  | 50191       | 12,000      | 3/8"-24 Female | Medium  |
|              | 50192       | 12,000      | 3/8"-24 Female | Hard    |

\*Includes 50103 Pad Adapter to convert 1/4"-20 female thread to 1/4" dia. shank for use with collets and chucks



# Pneumatic Wheels

## For Use on Dynastraight® and Dynisher Tools

- When fitted with an abrasive belt and inflated to the desired firmness, our Pneumatic Wheels are ideal for countless grinding and finishing applications.
- Dynabrade Pneumatic Wheels support coated abrasive and non-woven nylon belts for use on metal, wood, plastic, ceramic, fiberglass and composites.

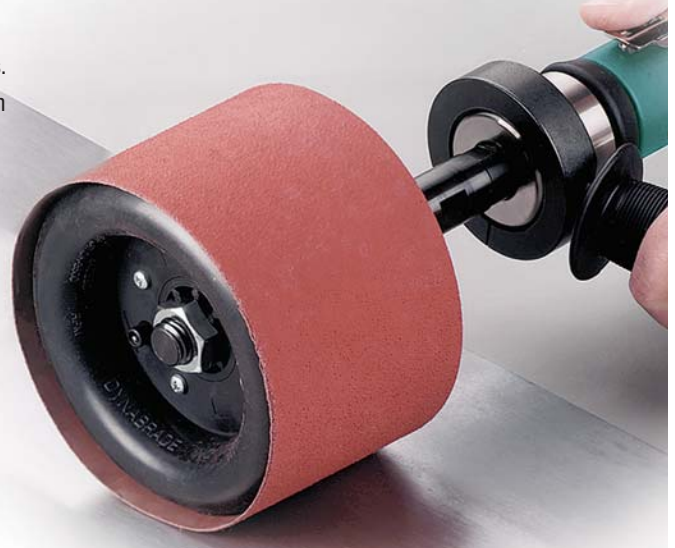
### Pneumatic Wheels

#### Standard Wheels

- For general finishing jobs.
- 1/8" thick natural, 65 durometer rubber.

#### Heavy Duty Wheels

- When you need a more aggressive wheel for more stock removal.
- 1/4" thick natural, 65 durometer rubber.
- Extremely durable - when used properly wheel is very resistant to gouging.



### Wheel Hubs

#### Composite Hub

- Molded; lightweight design.
- Available with standard construction rubber wheels only.



#### Heavy Duty Aluminum Hub

- Precision machined for balance run-out and thread quality.
- Easily replace rubber wheel.
- Available with both wheel construction types.



### Universal Arbor

- Pneumatic wheels with a universal arbor include three reducer bushings (1/2", 5/8", 3/4") to greatly increase the wheel compatibility.



## Inflation Devices and Accessories

### Wheel Inflation Tool

#### Part No. 94465

- Controlled inflation for valve assemblies that are flush with the hub surface.
- 1/4" female NPT.
- 95633 Nozzle replacement available.



### Air Pump Assembly

#### Part No. 98091

- Easy slide pump; no compressor needed.



### Dynastraight® Wheel Shields

#### Part No. 13032

- For wheels up to 8" dia. x 2" wide.
- Built-in handle.

#### Part No. 13033

- For wheels up to 5" diameter.
- Built-in handle.



### Dynacushion® Pneumatic Wheel Kits

#### Part No. 94478

- Includes: 94473 Dynacushion® Pneumatic Wheel (5" dia. x 3-1/2" wide, composite hub, 3/4" bore), coarse non-woven nylon belt and 80-grit DynaCut Belt.



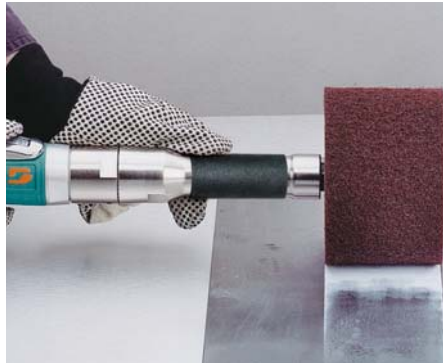
#### Part No. 94479

- Includes: 94472 Dynacushion® Pneumatic Wheel (5" dia. x 3-1/2" wide, composite hub, 5/8"-11 thread), coarse non-woven nylon belt and 80-grit DynaCut Belt.



# Dynacushion® Pneumatic Wheels

For Polishing and Blending with Dynastraight® and Dynisher Tools



For full information on Dynastraight® and Dynisher tools, please see pages 32-41.

**Each Dynacushion® Wheel includes 98130 Low Flow Air Chuck!**



- Controlled inflation for hard-to-reach valve assemblies. 1/4" female NPT.

|   | Dimensions<br>Dia. x W                 | Part<br>No. | Hub<br>Composition | Arbor<br>Hole                     | Wheel<br>Part No.          | Wheel<br>Type | Belt Size<br>W x L                   | Max.<br>RPM | Recommended<br>Dynabrade Tools                            |
|---|--|-------------|--------------------|-----------------------------------|----------------------------|---------------|--------------------------------------|-------------|---|
|    | <b>2-1/4" x 3"</b><br>(57 mm x 76 mm)  | 92858       | Aluminum           | 1/2"-13 Thread                    | 94433                      | Standard      | 3" x 7-3/8"<br>(76 mm x 187 mm)      | 9,000       | Not applicable  |
|   |  | 94432       |                    | 5/8"-11 Thread                    |                            |               |                                      |             | 13204, 13505, 13509, 13515, 13519, 13520                  |
|   | <b>3" x 2-1/4"</b><br>(76 mm x 57 mm)  | 92846       | Aluminum           | 1/2"-13 Thread                    | 92643                      | Standard      | 2-1/4" x 9-3/4"<br>(57 mm x 248 mm)  | 7,000       | Not applicable  |
|   |  | 92847       |                    | 5/8"-11 Thread                    | 92644                      | Heavy Duty    |                                      |             | 13204/205/209, 13515/519/520                              |
|   |  | 92848       |                    | 1/2"-13 Thread                    |                            |               |                                      |             | Not applicable  |
|   |  | 92849       |                    | 5/8"-11 Thread                    |                            |               |                                      |             | 13204/205/209, 13515/519/520                              |
|  | <b>3-1/4" x 3"</b><br>(83 mm x 76 mm)  | 92824       | Aluminum           | 1/2"-13 Thread                    | 92646                      | Standard      | 3" x 10-11/16"<br>(76 mm x 271 mm)   | 7,000       | Not applicable  |
|   |  | 92825       |                    | 5/8"-11 Thread                    | 92647                      | Heavy Duty    |                                      |             | 13204, 13505, 13515, 13520                                |
|   |  | 92827       |                    | 1/2"-13 Thread                    |                            |               |                                      |             | Not applicable  |
|   |  | 92828       |                    | 5/8"-11 Thread                    | 13204, 13505, 13515, 13520 |               |                                      |             |   |
|   |  | 94507*      | Composite          | 5/8" Bore                         | 94500                      | Standard      |                                      |             | 13101/102, 13202/205/207, 13300/01, 13503/506/508/516/518 |
|   |  | 94508       |                    | 5/8"-11 Thread                    |                            |               |                                      |             | 13204, 13505, 13515, 13520                                |
|  | <b>90 mm x 100 mm</b>                  | 92863*      | Aluminum           | 19 mm w/<br>6 mm Slot             | 92651                      | Standard      | 100 mm x 289 mm                      | 7,000       | Not applicable  |
|  | <b>5" x 2-3/4"</b><br>(127 mm x 70 mm) | 92811       | Aluminum           | 5/8"-11 Thread                    | 94482                      | Standard      | 2-3/4" x 15-1/2"<br>(70 mm x 394 mm) | 3,500       | 13204, 13505/515/521/531                                  |
|   |  | 94492       | Composite          | 5/8"-11 Thread                    |                            |               |                                      |             | Not applicable  |
|   |  | 92935       | Aluminum           | Universal 1/2", 5/8" or 3/4" Bore |                            |               |                                      |             |   |
|   |  | 92936       | Composite          | Universal 1/2", 5/8" or 3/4" Bore |                            |               |                                      |             |   |
|  | <b>5" x 3-1/2"</b><br>(127 mm x 89 mm) | 92801       | Aluminum           | 5/8"-11 Thread                    | 94481                      | Standard      | 3-1/2" x 15-1/2"<br>(89 mm x 394 mm) | 3,500       | 13204, 13505, 13515, 13521, 13531                         |
|   |  | 94472       | Composite          |                                   | 92656                      | Heavy Duty    |                                      |             | Not applicable  |
|   |  | 92805       | Aluminum           | 5/8"-11 Thread                    | 94481                      | Standard      |                                      |             | Not applicable  |
|   |  | 92803       | Aluminum           | M14 x 2 Thread                    |                            |               |                                      |             |   |
|   |  | 92937       | Aluminum           | Universal 1/2", 5/8" or 3/4" Bore |                            |               |                                      |             |   |
|   |  | 92938       | Composite          | Universal 1/2", 5/8" or 3/4" Bore |                            |               |                                      |             |   |

**NOTE:** Speed of tool must not exceed maximum operating speed of accessory.

\*Includes 94465 Inflation Tool (replacing 98130).

# DynaWheel Pneumatic Wheels

For Light Grinding and Deburring with Dynastraight® and Dynisher Tools



For full information on Dynastraight® and Dynisher tools, please see pages 32-41.

**Each DynaWheel includes 98130 Low Flow Air Chuck!**

- Controlled inflation for hard-to-reach valve assemblies. 1/4" female NPT.



|   | Dimensions<br>Diameter x Width         | Part<br>No. | Hub<br>Composition | Arbor<br>Hole                           | Wheel<br>Part No. | Wheel<br>Type | Belt Size<br>Width x Length          | Max.<br>RPM | Recommended<br>Dynabrade Tools                     |
|---|--|-------------|--------------------|---|-------------------|---------------|--------------------------------------|-------------|--|
|   | <b>5" x 1"</b><br>(127 mm x 25 mm)     | 92921       | Aluminum           | 5/8"-11 Thread                          | 92908             | Heavy Duty    | 1" x 15-1/2"<br>(25 mm x 394 mm)     | 4,500       | 13214, 13523                                       |
|   |  | 92922       | Composite          | 5/8"-11 Thread                          |                   |               |                                      |             |  |
|   |  | 92923       | Aluminum           | Universal<br>1/2", 5/8" or<br>3/4" Bore |                   |               |                                      |             | 1/2":<br>13206, 13507<br><br>5/8":<br>13207, 13508 |
|   |  | 92924       | Composite          | Universal<br>1/2", 5/8" or<br>3/4" Bore |                   |               |                                      |             |  |
|  | <b>5" x 1-1/2"</b><br>(127 mm x 38 mm) | 92867       | Aluminum           | 5/8"-11 Thread                          | 92665             | Heavy Duty    | 1-1/2" x 15-1/2"<br>(38 mm x 394 mm) | 4,500       | 13214, 13523                                       |
|   |  | 92868       | Composite          | 5/8"-11 Thread                          |                   |               |                                      |             |  |
|   |  | 92928       | Aluminum           | Universal<br>1/2", 5/8" or<br>3/4" Bore |                   |               |                                      |             | 1/2":<br>13206, 13507<br><br>5/8":<br>13207, 13508 |
|   |  | 92929       | Composite          | Universal<br>1/2", 5/8" or<br>3/4" Bore |                   |               |                                      |             |  |
|  | <b>5" x 2"</b><br>(127 mm x 51 mm)     | 92931       | Aluminum           | 5/8"-11 Thread                          | 92666             | Heavy Duty    | 2" x 15-1/2"<br>(51 mm x 394 mm)     | 4,500       | 13214, 13523                                       |
|   |  | 92932       | Composite          | 5/8"-11 Thread                          |                   |               |                                      |             |  |
|   |  | 92933       | Aluminum           | Universal<br>1/2", 5/8" or<br>3/4" Bore |                   |               |                                      |             | 1/2":<br>13206, 13507<br><br>5/8":<br>13207, 13508 |
|   |  | 92934       | Composite          | Universal<br>1/2", 5/8" or<br>3/4" Bore |                   |               |                                      |             |  |

**NOTE:** Speed of tool must not exceed maximum operating speed of accessory.




# Slotted Wheels

## Grind, Deburr and Blend on all Metals

### Centrifugal Force Expands the Wheel to Grip the Abrasive

- One-piece construction.
- Slots provide air flow that enables the wheel to run cooler than solid rubber.
- 65 durometer natural rubber with 1/4" cold rolled steel shank for excellent concentricity.
- Specially designed for use with spiral bands.



|   | Dimensions<br>Diameter x Width | Part<br>Number | Band Size<br>Width x Length | Maximum<br>RPM  | Recommended Dynabrade Tools          |
|---|--------------------------------|----------------|-----------------------------|-----------------|--------------------------------------|
|  | 1" x 1"                        | 92910          | 1" x 1"                     | 10,000 - 12,000 | 52666, 52676                         |
|   | 1" x 1-1/2"                    | 92911          | 1" x 1-1/2"                 |                 |                                      |
|   | 1" x 2"                        | 92912          | 1" x 2"                     |                 |                                      |
|  | 1-1/2" x 1"                    | 92913          | 1-1/2" x 1"                 | 6,000 - 10,000  | 52665, 52685                         |
|   | 1-1/2" x 1-1/2"                | 92914          | 1-1/2" x 1-1/2"             |                 |                                      |
|   | 1-1/2" x 2"                    | 92915          | 1-1/2" x 2"                 |                 |                                      |
|  | 2" x 1"                        | 92916          | 2" x 1"                     | 4,500 - 7,500   | 47202, 51212, 52102,<br>52663, 52673 |
|   | 2" x 1-1/2"                    | 92917          | 2" x 1-1/2"                 |                 |                                      |
|   | 2" x 2"                        | 92918          | 2" x 2"                     |                 |                                      |

# Dynaflex Expander Wheels

## Grind, Deburr and Blend on all Metals



### Excellent for Weld Removal and Heavy Deburring or Grinding on the Inside of Pipes and Tanks

- Expander wheels expand as they rotate. The simplest, most cost-effective method for holding abrasives on a back-up wheel.
- Air flow behind the flexer enables the wheel to run cooler than solid rubber.
- Offers added flexibility so the wheel cuts fast, but won't gouge.
- Expander wheels require use of abrasive bands. Bands are an abrasive belt with a liner on the inside for more durability and cutting action.
- Use with our Dynastraight® line of portable tools.
- Ideal for heavy duty applications; grinding, deburring, and rough blending of all metals.
- Coated alumina zirconia and non-woven nylon abrasive bands are available for heavy stock removal and finishing.



**ADDITIONAL SPECIFICATIONS:** Arbor Length = wheel width + 1/2"

**NOTE:** Speed of tool must not exceed maximum operating speed of accessory

|   | Dimensions<br>Dia. x Width | Part<br>Number | Arbor<br>Hole  | Replacement<br>Hub | Replacement<br>Flexer | Band Size<br>Dia. x Width | Maximum<br>RPM     | Recommended<br>Dynabrade Tools |
|---|----------------------------|----------------|----------------|--------------------|-----------------------|---------------------------|--------------------|--------------------------------|
|  | 3" x 1"                    | 94560          | 5/8"-11 Female | 97252              | 94578                 | 3" x 1"                   | 8,000<br>with Band | 13509, 13519, 13520            |
|   | 3" x 2"                    | 94561          |                | 97256              | 94579                 | 3" x 2"                   |                    | Not applicable                 |
|   | 3" x 3"                    | 92875          |                | 97258              | 97280                 | 3" x 3"                   |                    |                                |
|  | 5" x 1"                    | 94564          | 5/8"-11 Female | 97270              | 94580                 | 5" x 1"                   | 5,000<br>with Band | 13204, 13505, 13515, 13520     |
|   | 5" x 2"                    | 94565          |                | 97274              | 94581                 | 5" x 2"                   |                    |                                |



# Accessories

## RED-TRED® Eraser Disc Complete Assembly

**92295** 5/8"-11

Patent Pending

**92296** M14x2

- Maximum 3,500 RPM.
- Includes:  
92298 Backing Plate  
92297 Disc  
04127 Flange  
96507 Pin Wrench

92295



92298 Backing Plate



92297 Replaceable Disc (4" dia.) features "Staggered Teeth" Design for effective material removal and enhanced cooling of work surface



04127 Flange (5/8"-11) fits most Buffing Tools

## RED-TRED® Eraser Decal Removal Wheel

**92255** Eraser Wheel Only *(Also Fits Competitive Tools)*

**92257** Eraser Wheel with Hub

92255



1-1/4" Wide

92257



## Wheel Hub Assembly

**92284** For 3/4" Wide Wheel

**92252** For 1/2" Wide Wheel

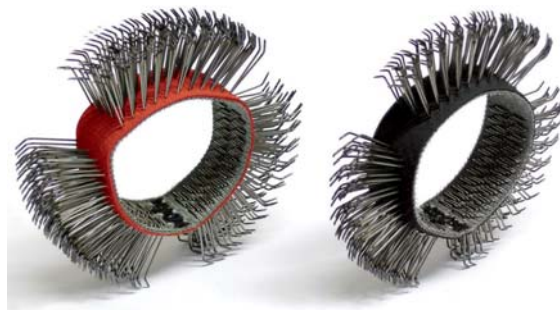
- Mounts the wire wheel; also mounts the 92255 Eraser Decal Removal Wheel.



## DynaZip Accessories *(Also Fit Competitive Tools)*

### Wire Wheels

- For various material removal applications.



| Part No. | Size                | Grade  | Tip Type | Use           |
|----------|---------------------|--------|----------|---------------|
| 92245    | 4" dia. x 3/4" wide | Coarse | Bent     | Sealants      |
| 92246    | 4" dia. x 3/4" wide | Medium | Bent     | Rust          |
| 92247    | 4" dia. x 3/4" wide | Fine   | Straight | Paint Removal |
| 92248    | 4" dia. x 1/2" wide | Coarse | Bent     | Sealants      |

## Overhose Assembly

- May be used to further reduce noise levels by as much as 5 dB(A).
- Overhose redirects exhaust away from operator and workpiece.

**Part No. 94994** 1-1/4" Diameter x 3' Long

- Use with rear exhaust Disc Sanders and Die Grinders that include our short muffler.

**Part No. 53621** 1-3/4" Diameter x 3' Long

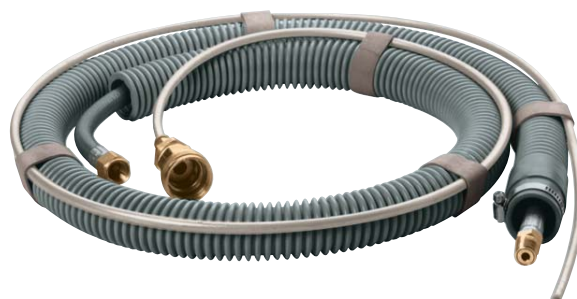
- Use with rear exhaust 1 hp Disc Sanders and Die Grinders.



## Overhose Water Line Assembly

**Part No. 95801** 1" Diameter x 4-1/2' Long

- 95596 Flex Hose (1" dia. x 4-1/2' long with cuff).
- 95361 Air Line (1/4" dia. x 5' long).
- 95579 Water Line Assembly (10' long with fittings).
- 95362 Rubber Connectors.
- Use with Wet Sanders.



# Arbors

Mount Abrasive Wheels, Discs, Pneumatic Wheels, etc.

## Use Dynabrade arbors to mount abrasive wheels, discs, stars and other accessories to male spindle tools

For use with many Dynabrade and other manufacturers' portable tools and bench grinders. Mount abrasive wheels, discs, pneumatic wheels, sanding stars and other accessories to 3/8"-24, 1/2"-20 or 5/8"-11 male spindle tools, by using the combination of spacers and flanges that suits your application.



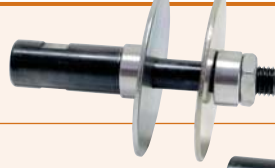

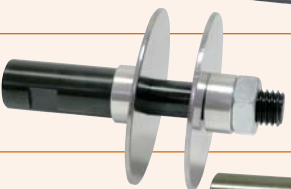





## Part Number 13074

### Arbor Kit

- Mounts to 3/8"-24, 1/2"-20 AND 5/8"-11 male spindle sizes; also accepts any Dynacushion® or accessory which has 5/8" bore from 1/2" to 3" wide, in 1/2" increments.



**NOTE:** Speed of tool must not exceed maximum operating speed of accessory

| Tool Spindle | Part Number |   | Arbor Thread | Arbor Bore | Wheel Width  |
|--------------|-------------|---|--------------|------------|--------------|
| 3/8"-24 Male | 13061       |    | —            | 5/8"       | Up to 2-1/2" |
|              |             |   |              | 1"         |              |
|              | 13074       |   | —            | 5/8"       | Up to 3"     |
|              |             |   |              | 1"         |              |
| 1/2"-20 Male | 13014       |  | —            | 14 mm      | Up to 51 mm  |
|              | 13016       |  | —            | 1/2"       | Up to 2"     |
|              | 13017       |  | —            | 5/8"       | Up to 2"     |
|              | 13071       |  | —            | 5/8"       | Up to 3"     |
|              |             |   |              | 1"         |              |
|              | 13074       |  | —            | 5/8"       | Up to 3"     |
|              |             |   |              | 1"         |              |
|              | 13015       |  | 5/8"-11 Male | —          | 3-1/2"       |
| 5/8"-11 Male | 13073       |  | —            | 5/8"       | Up to 3"     |
|              |             |   |              | 1"         |              |
|              | 13074       |  | —            | 5/8"       | Up to 3"     |
|              |             |   |              | 1"         |              |

# Arbors

Mount Abrasive Wheels, Discs, Pneumatic Wheels, etc.

## "Universal" Shank Arbor

- Handy accessory fits drills and die grinders!
- Mount sanding stars, flap wheels, unitized wheels, non-woven nylon wheels, buffs, etc.
- High quality steel arbor; all flanges and spacers included.

### Part No. 12995

*Arbor – 1/4" Shank*



### Part No. 12977

*Arbor – 6 mm Shank*

- Both arbors accept accessories up to 1" (25 mm) wide which have 1/2" (13 mm) dia. center hole.



### Part No. 12980

*Arbor – 3/8"-24 Female Thread*

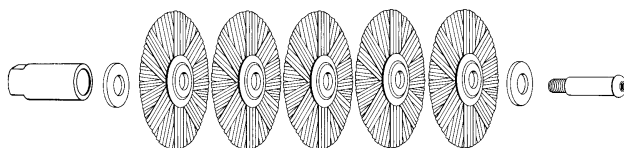
- Mounts to 3/8"-24 male spindle tools.
- Included with 52052 Lightweight Dyninger.

## Mounting Options for Arbor-Mount Sanding Stars on 12980 Arbor

The spacing of stars on the arbor, as well as the grit, determine desired sanding aggressiveness. We suggest that the operator explore various grit and spacing combinations based on the following guidelines.

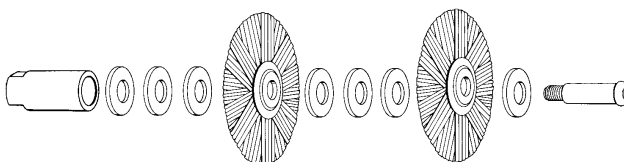
### Most Aggressive/Less Flexible

Six stars, one spacer. For heavier stock removal; work on flats, edges, larger surface areas, great for defuzzing hard woods.



### Least Aggressive/Most Flexible

Two stars, up to ten spacers. For light stock removal reaching into small holes, cut-outs, heavy contours, tight grooves; great for defuzzing soft woods.

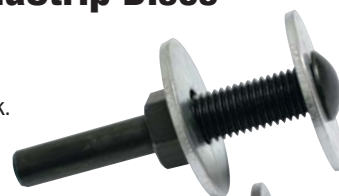


# Threaded Mandrels

For Use with DynaStrip Discs

### Part No. 95722

- 1/4" diameter with 1/4" shank.
- For DynaStrip discs.



### Part No. 95749

- 1/2" diameter with 1/4" shank.
- For DynaStrip discs.



# Drill Chucks

With Mated Keys

*Keys Included with all Drill Chucks*



| Chuck Size | Thread          | Chuck Part No. | Key Part No. |
|------------|-----------------|----------------|--------------|
| 5/32"      | 5/16"-24 Female | 53031          | 53051        |
| 1/4"       | 3/8"-24 Female  | 53032          | 53052        |
| 3/8"       | 1/2"-20 Female  | 53033          | 53053        |
|            | 3/8"-24 Female  | 53087          | 53053        |
| 1/2"       | 1/2"-20 Female  | 53034          | 53054        |

# Wheel Mounting Adapter Kit

### Part No. 11399

*Type 27 Wheel Mount*

- For use with larger than 5" (127 mm) dia. Type 27 grinding wheels mounted on depressed center wheel grinders.

**NOTE:** Use only Type 27 reinforced depressed center wheels.


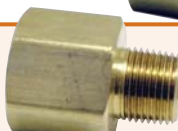




# Threaded Adapters

## NPT Threaded Adapters

**User assumes all responsibility for using adapters safely**

|   | Part Number | Exposed Threads                 | Length         | Wrench Flats |
|---|-------------|---------------------------------|----------------|--------------|
|  | 95713       | 1/4" NPT Female – 1/8" NPT Male | 25 mm (1")     | –            |
|   | 95714       | 3/8" NPT Female – 1/4" NPT Male | 32 mm (1-1/4") | –            |
|  | 95394       | 1/2" NPT Female – 3/8" NPT Male | 44 mm (1-3/4") | –            |

## Collet-to-Thread Adapters

**User assumes all responsibility for using adapters safely**

|   | Part No. | Exposed Threads             | Shank Dia. | Length         | Wrench Flats |
|---|----------|-----------------------------|------------|----------------|--------------|
|  | 50103    | 1/4" Shank – 1/4"-20 Male   | 1/4"       | 32 mm (1-1/4") | 11 mm        |
|   | 51032    | 1/4" Shank – 1/4"-20 Female | 1/4"       | 38 mm (1-1/2") | –            |

## Threaded Adapters

**User assumes all responsibility for using adapters safely**

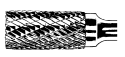
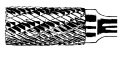











|   | Part Number | Exposed Threads                  | Length            | Wrench Flats |
|---|-------------|----------------------------------|-------------------|--------------|
|    | 04117       | M x 8 Female – 3/8"-24 Male      | 19 mm (3/4")      | 12 mm        |
|   | 18908       | M x 8 Female – 3/8"-24 Male      | 35 mm (1-3/8")    | 11 mm        |
|   | 54021       | 1/4"-28 Male – 1/4"-20 Male      | 30 mm (1-3/16")   | 14 mm        |
|   | 53181       | 3/8"-24 Male – 1/2"-20 Male      | 25 mm (1")        | 19 mm        |
|  | 50149       | 3/8"-24 Female – M14 x 2 Male    | 25 mm (1")        | 19 mm        |
|   | 50106       | 3/8"-24 Female – 1/4"-20 Male    | 27 mm (1-1/16")   | 14 mm        |
|  | 42636       | 3/8"-24 Female – 3/8"-24 Male    | 32.5 mm (1-1/4")  | 17 mm        |
|   | 93696       | 3/8"-24 Female – 3/8"-24 Male    | 27.5 mm (1-1/16") | 17 mm        |
|  | 97103       | 3/8"-24 Female – 1/2"-20 Male    | 51 mm (2")        | 5/8"         |
|   | 53549       | 3/8"-24 Female – 1/2"-20 Male    | 51 mm (2")        | 5/8"         |
|  | 55064       | 3/8"-24 Female – 5/8"-11 Male    | 25 mm (1")        | 17 mm        |
|   | 55034       | 3/8"-24 Female – 5/8"-11 Male    | 35 mm (1-3/8")    | 17 mm        |
|  | 53652       | 3/8"-24 Female – 5/8"-11 Male    | 38 mm (1-1/2")    | 24 mm        |
|   | 98050       | 3/8"-24 Female – 5/8"-11 Male    | 51 mm (2")        | 3/4"         |
|  | 98085       | 1/2"-13 Female – 5/8"-11 Male    | 64 mm (2-1/2")    | 3/4"         |
|   | 51029       | 3/8"-24 Female – 1/4"-20 Female  | 35 mm (1-3/8")    | 16 mm        |
|  | 54039       | 3/8"-24 Female – 5/16"-24 Female | 25 mm (1")        | 17 mm        |
|   | 54040       | 5/8"-11 Female – 5/16"-24 Female | 41 mm (1-5/8")    | 19 mm        |
|  | 58058       | 5/8"-11 Female – 5/8"-11 Male    | 51 mm (2")        | 19 mm        |
|  | 13060       | 5/8"-11 Female – 5/8"-11 Male    | 102 mm (4")       | 19 mm        |

# DynaBurr Carbide Burrs

## Grind, Deburr and Finish on Metal and Other Surfaces

*DynaBurr Carbide Burrs are used with Dynabrade Pencil Grinders and Die Grinders. Utilized for rapid material removal, precise finishing, deburring and removal of parting lines and flash. Carbide Burrs provide longer life than high-speed steel burrs.*



| 1/8" & 3 MM DYNABURRS, DOUBLE CUT STYLE   |             |            |                 |              |            |  | 1/4" & 6 MM DYNABURRS, DOUBLE CUT STYLE |            |                 |              |            |                  |
|---|-------------|------------|-----------------|--------------|------------|--|---|------------|-----------------|--------------|------------|------------------|
| DynaBurr Shape  | Part Number | Tool Style | Cutter Diameter | Flute Length | Shaft Size |  | Part Number                             | Tool Style | Cutter Diameter | Flute Length | Shaft Size | Package Quantity |
|  Cylinder              | 93338       | SA-42      | 3/32"           | 7/16"        | 1/8"       |  | 93330                                   | SA-1       | 1/4"            | 5/8"         | 1/4"       | 1                |
|   | 93368       | SA-42      | 2.5 mm          | 11 mm        | 3 mm       |  | 93360                                   | SA-1       | 6 mm            | 16 mm        | 6 mm       | 1                |
|  Cylinder              | 93339       | SA-43      | 1/8"            | 9/16"        | 1/8"       |  | 93331                                   | SA-3       | 3/8"            | 3/4"         | 1/4"       | 1                |
|   | 93369       | SA-43      | 3 mm            | 14 mm        | 3 mm       |  | 93361                                   | SA-3       | 9 mm            | 19 mm        | 6 mm       | 1                |
|  Cylinder Radiused End | 93340       | SC-41      | 3/32"           | 7/16"        | 1/8"       |  | 93333                                   | SC-3       | 3/8"            | 3/4"         | 1/4"       | 1                |
|   | 93370       | SC-41      | 2.5 mm          | 11 mm        | 3 mm       |  | 93363                                   | SC-3       | 9 mm            | 19 mm        | 6 mm       | 1                |
|  Cylinder Radiused End | 93341       | SC-42      | 1/8"            | 9/16"        | 1/8"       |  | 93332                                   | SC-1       | 1/4"            | 5/8"         | 1/4"       | 1                |
|   | 93371       | SC-42      | 3 mm            | 14 mm        | 3 mm       |  | 93362                                   | SC-1       | 6 mm            | 16 mm        | 6 mm       | 1                |
|  Ball                  | n/a         | n/a        | n/a             | n/a          | n/a        |  | 93334                                   | SD-3       | 3/8"            | 5/16"        | 1/4"       | 1                |
|   | n/a         | n/a        | n/a             | n/a          | n/a        |  | 93364                                   | SD-3       | 9 mm            | 8 mm         | 6 mm       | 1                |
|  Ball Radiused End     | 93342       | SD-42      | 1/8"            | 1/8"         | 1/8"       |  | n/a                                     | n/a        | n/a             | n/a          | n/a        | 1                |
|   | 93372       | SD-42      | 3 mm            | 3 mm         | 3 mm       |  | n/a                                     | n/a        | n/a             | n/a          | n/a        | 1                |
|  Oval                 | 93343       | SE-41      | 1/8"            | 7/32"        | 1/8"       |  | 93335                                   | SE-3       | 3/8"            | 5/8"         | 1/4"       | 1                |
|   | 93373       | SE-41      | 3 mm            | 5.5 mm       | 3 mm       |  | 93365                                   | SE-3       | 9 mm            | 16 mm        | 6 mm       | 1                |
|  Tree                | 93344       | SF-42      | 1/8"            | 1/2"         | 1/8"       |  | n/a                                     | n/a        | n/a             | n/a          | n/a        | 1                |
|   | 93374       | SF-42      | 3 mm            | 13 mm        | 3 mm       |  | n/a                                     | n/a        | n/a             | n/a          | n/a        | 1                |
|  Tree Radiused End   | 93345       | SG-44      | 1/8"            | 1/2"         | 1/8"       |  | 93336                                   | SF-3       | 3/8"            | 3/4"         | 1/4"       | 1                |
|   | 93375       | SG-44      | 3 mm            | 13 mm        | 3 mm       |  | 93366                                   | SF-3       | 9 mm            | 19 mm        | 6 mm       | 1                |
|  Flame Pointed End   | 93346       | SH-41      | 1/8"            | 1/4"         | 1/8"       |  | n/a                                     | n/a        | n/a             | n/a          | n/a        | 1                |
|   | 93376       | SH-41      | 3 mm            | 6 mm         | 3 mm       |  | n/a                                     | n/a        | n/a             | n/a          | n/a        | 1                |
|  Taper Radiused End  | 93347       | SL-42      | 1/8"            | 1/2"         | 1/8"       |  | 93337                                   | SL-3       | 3/8"            | 1-1/16"      | 1/4"       | 1                |
|   | 93377       | SL-42      | 3 mm            | 13 mm        | 3 mm       |  | 93367                                   | SL-3       | 9 mm            | 27 mm        | 6 mm       | 1                |
|  14° Cone End        | 93348       | SM-42      | 1/8"            | 7/16"        | 1/8"       |  | n/a                                     | n/a        | n/a             | n/a          | n/a        | 1                |
|   | 93378       | SM-42      | 3 mm            | 11 mm        | 3 mm       |  | n/a                                     | n/a        | n/a             | n/a          | n/a        | 1                |
|  10° Inverted Cone   | 93349       | SN-42      | 1/8"            | 3/16"        | 1/8"       |  | n/a                                     | n/a        | n/a             | n/a          | n/a        | 1                |
|   | 93379       | SN-42      | 3 mm            | 5 mm         | 3 mm       |  | n/a                                     | n/a        | n/a             | n/a          | n/a        | 1                |

n/a = Not Available.

## DynaBurr Carbide Burr Kit

- Kits (1/8", 3 mm, 1/4" or 6 mm) include one Carbide Burr of each shape, as shown above. Packaged in high-quality wooden case.

| Kit Number | Burr Shaft Size | Burr Quantity |
|------------|-----------------|---------------|
| 93351      | 1/8"            | 12            |
| 93381      | 3 mm            | 12            |
| 93350      | 1/4"            | 8             |
| 93380      | 6 mm            | 8             |



# Leveling Jacks

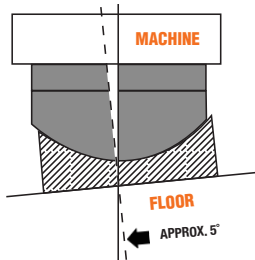
## For Precision Machine Leveling and Support

### Ensure Consistent Stability and Optimal Machine Performance

- Lower surface of wedge is specially contoured to float laterally within concave base unit, automatically compensating for uneven floor conditions up to 5 degrees of slope.
- Black oxide finish resistant to corrosion and rust. Grooved top allows oils and liquids to run out; also helps dissipate vibration.
- Wedge action allows easy adjustment of height (1/4" - 3/8") with the turn of a wrench.
- Both models shown with optional Vibration-Absorbing Mounting Pad.

### Wedge-Action Leveling Jacks

- Two-piece design that provides solid support from 3,000 to 9,000 pounds/foot.
- Low-profile is ideal for applications constricted by reduced height.



Wedge-Action Assembly



Vertical Motion Assembly

### Vertical Motion Leveling Jacks

- Three-piece design combines the advantages of a wedge-action jack with vertical lift capabilities in one unique and practical unit.
- Level and support up to 30,000 pounds/foot.
- Use with or without anchor bolts, depending upon installation. When anchor bolts are used, they pass through the entire assembly without interfering with the leveling action.

### Vibration Absorbing Mounting Pads

- Recommended to reduce the transmission of internal machine noise to the building structure and dissipate transmitted vibrations from one machine to another.
- Pads are resistant to oil, grease and acids. They resist breakdown under load and over time.
- See chart below for Leveling Jack/mounting pad assembly numbers.

#### Vi-Sorb Pads

- Provide basic vibration reduction.
- Available with all models of Dynabrade Leveling Jacks. Also sold separately.



#### Vi-Damp II Pads

- Highly recommended, innovative polymer construction affords increased vibration reduction at heavier weights.
- Available with Dynabrade Leveling Jacks of 15,000-30,000 pound/foot capacity. Also sold separately.

| Pad Type   | Thickness Inch (mm) | Part Number | For Use With | Vibration Reduction |
|------------|---------------------|-------------|--------------|---------------------|
| Vi-Sorb    | 1/4 (6)             | 91969       | 60200, 60201 | 43%                 |
|            |                     | 91966       | 60202        |                     |
|            |                     | 91968       | 60203, 60204 |                     |
|            | 1/2 (13)            | 91978       | 60200, 60201 | 74%                 |
|            |                     | 91965       | 60202        |                     |
|            |                     | 91967       | 60203, 60204 |                     |
|            | 3/4 (19)            | 91885       | 60200, 60201 | 80%                 |
|            |                     | 91886       | 60202        |                     |
|            |                     | 91984       | 60203, 60204 |                     |
| Vi-Damp II | 1/4 (6)             | 91962       | 60202        | 48%                 |
|            |                     | 91964       | 60203, 60204 |                     |
|            | 1/2 (13)            | 91961       | 60202        | 79%                 |
|            |                     | 91963       | 60203, 60204 |                     |
|            | 3/4 (19)            | 91887       | 60202        | 90%                 |
|            |                     | 91988       | 60203, 60204 |                     |

### Leveling Jack Specifications

| Model No. | Recommended Max. Lifting Weight | Rise  | Height x Width x Length  | Weight lbs. | Anchor Bolt Hole Diameter |
|-----------|---------------------------------|-------|--------------------------|-------------|---------------------------|
| 60200     | 3,000 lbs.                      | 1/4"  | 1-1/8" x 3-1/2" x 6"     | 5           | —                         |
| 60201     | 9,000 lbs.                      | 3/8"  | 2-1/4" x 3-1/2" x 6"     | 11          | —                         |
| 60202     | 15,000 lbs.                     | 3/16" | 2-1/2" x 3-1/2" x 5-3/4" | 11          | 1"                        |
| 60203     | 20,000 lbs.                     | 1/4"  | 2-3/4" x 3-1/2" x 6-3/4" | 14          | 1-1/8"                    |
| 60204     | 30,000 lbs.                     | 1/4"  | 2-3/4" x 3-1/2" x 6-3/4" | 14          | 1-1/8"                    |

### Leveling Jack/Mounting Pad Assemblies

| with 1/4" Vi-Sorb | with 1/2" Vi-Sorb | with 3/4" Vi-Sorb | with 1/4" Vi-Damp II | with 1/2" Vi-Damp II | with 3/4" Vi-Damp II |
|-------------------|-------------------|-------------------|----------------------|----------------------|----------------------|
| 60205             | 60206             | 60207             | —                    | —                    | —                    |
| 60208             | 60209             | 60210             | —                    | —                    | —                    |
| 60211             | 60212             | 60213             | 60217                | 60218                | 60229                |
| 60214             | 60215             | 60216             | 60219                | 60220                | 60231                |
| 60230             | 60221             | 60232             | 60233                | 60234                | 60235                |



# DynaMitt Sanding Glove

Hand-Sanding Has Never Been Easier

## Part No. 58005

- Palm side of DynaMitt accepts hook-face abrasive sheets (sold separately).
- Ideal for sanding contours.
- Easily control pressure and sanding coverage.
- Includes rubber insert for more rigid applications. Insert fits into pocket under hook-face area.

## DynaMitt Pack

### Part No. 58009

- Includes 58005 DynaMitt and rubber insert, plus 93889 Abrasive Sheet Sample Kit (13 abrasive sheets in various grits).



# Safety-Lock Throttle Levers

Help Prevent Accidental Tool Start-up

- Remove standard throttle lever from tool and install new safety-lock lever in seconds.
- Safety-lock levers are available for all Dynabrade air tools.
- Call our customer service department to identify which safety-lock lever fits your tool.



# Side Handles

Various Designs & Styles

- Side handles improve operator comfort and control.
- Handles for many tools including Dynastraight® series, Dynangle®, Pistol-Grip Tools, Wet Tools, Drills, Die Grinders and Disc Sanders.
- Please contact customer service department to mate handle to each tool.



AIR TOOL ACCESSORIES

# Tool Hangers

For Use with Dynabuffers

- Optional lightweight hanger easily attaches to Dynabrade Dynabuffers for convenient workplace storage.

## Part No. 97166

- For use with 3" (76 mm) dia. Dynabuffer and Mini-Dynorbital® Silver Supreme.

## Part No. 56592

- For use with 5" (127 mm) dia. Dynabuffer (58455).



# Tool Handle

For Use with Dynabrade Tools

## Part No. 53163

- Heavy-duty construction; perfectly centered over tool for ideal balance and comfort.
- Compatible with selected models of the Dynabelter®, Dynastraight®, Lightweight Dynastraight®, Dynisher, Mini-Dynisher, Dynaflex® III, Disc Sanders, Depressed Center Wheel Grinders, Cut-Off Wheel Tools and Drills.



53163 Handle (Assembly not included)

# Dynūba

## Cleaning and Polishing Products for Abrasive and Polishing Belts

### Dynūba 100 Ozone Safe

- Our most popular Dynūba product - extends belt life.
- Keeps belts free of metal build-up when sanding non-ferrous metals with grit 80 or finer.



### Dynūba 26

- Abrasive belt grease for use with all metals.
- Promotes free cutting, improves abrasive belt life; prevents heat discoloration.



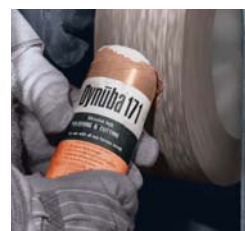
### Dynūba 103

- Removes abrasive belt build-up of wood and resin residue.
- Apply to grit side of moving abrasive belts and discs.
- 8-1/2" x 1-1/2" x 1-1/2" gum rubber stick.



### Dynūba 171

- Easily cleaned.
- For brilliant cut and color on stainless and aluminum.
- Polishing compound for cloth belts and rag wheels. Apply to moving cloth belts or rag wheel.



| Part Name  | Part Number | Size      | Container      |
|------------|-------------|-----------|----------------|
| Dynūba 100 | 60000       | 11.25 oz. | Aerosol Can    |
|            | 60005       | 16 oz.    | Spray Bottle   |
|            | 60001       | 1 Gallon  | Can            |
|            | 60003       | 5 Gallon  | Can            |
|            | 60004       | 55 Gallon | Drum           |
| Dynūba 26  | 60020       | 1-1/2 lb. | Grease Tube    |
| Dynūba 103 | 60030       | 1/2 lb.   | Cleaning Stick |
| Dynūba 171 | 60035       | 3 lb.     | Polishing Tube |

## Lubricants and Grease

### Help Prevent Downtime

#### Dynabrade Air Lube (10W/NR)

- Formulated for pneumatic equipment.
- Absorbs up to 10% of its weight in water.
- Prevents rust and formation of gum/sludge for longer tool operation with greater power and less downtime.



**Part No. 95821**  
**118 ml (4 oz.)**

**Part No. 95842**  
**473 ml (1 pt.)**

**Part No. 95843**  
**3.8 l (1 gallon)**

**Part No. 96101**  
**Display Box**

- 24 - 118 ml (4 oz.) bottles

#### Gear Oil

**Part No. 95848**  
**2.5 oz. (74 ml) Tube**

- Formulated for Dynabrade geared tools utilizing a wick-type lubrication system.
- Apply every 8 hours of operation into tool's lubrication fitting.
- Failure to lubricate will cause premature gear failure and void warranty.
- Easy to apply using with Dynabrade P/N 95541 Grease/Oil Gun (shown, sold separately).

**NOTE:** For non wick-type lubrication systems, use 95542 Gear Grease.



#### Dynabrade Lubri-Pak

**Part No. 76020**

- Includes 10 oz. tube of multi-purpose grease, push-type gun and 4 oz. bottle of Dynabrade air tool oil.
- Convenient kit for tools with gears – tool maintenance made easy!
- Air lube prevents formation of contamination build-up.
- Grease suitable for bearings, cams, gears, etc.



#### Grease and Grease Gun

- Multi-purpose grease for all types of bearings, cams, gears.
- High film strength; excellent resistance to water, steam, etc.
- Workable range -18° C to 149° C (0° F to 300° F).

**Part No. 95541**  
**Push-Type Grease Gun**

- One-hand operation.

**Part No. 95542**  
**283.5 g (10oz.) Tube**



# Finesse Sanding Creme and Glaze

For Use with Dynabrade Buffers

## Finesse Sanding Creme

- A sanding compound for metal, fiberglass and composites.
- Use with fine-grade sanding discs.

**Part No. 95723**

**4 oz. (118 ml)**

**Part No. 95724**

**1 qt. (946 ml)**

**Part No. 95725**

**1 gal. (3.8 l)**



## Dynabrade Glaze

- For use with slow-speed tools to achieve a high gloss after compounding.

**Part No. 95727**

**4 oz. (118 ml)**

**Part No. 95728**

**1 qt. (946 ml)**



# Dynamount Bench Mount

**Mounts Portable Air Tools Securely and Frees Operator's Hands**

- Tool clamp swivels 180° for set-up versatility.
- Heavy-duty, rugged construction; easily mounts to workbench.
- Stands 9-3/4" tall in the upright position.
- Mounted tool can be rotated within clamp for desired positioning.

## Universal Bench Mount

**Part No. 80020**

- Accepts air tools with motor diameters up to 1-3/4" diameter, such as Dynaflex®.

**Part No. 80021**

- Has custom worktable. Designed exclusively for Dynaflex® II and Dynaflex® III.

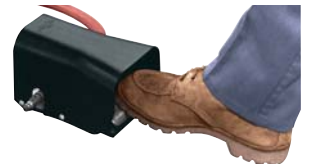
**Part No. 80022**

- Designed exclusively for Dynabelter® models 11475, 11476 and 11477.

## Foot Pedal and Hose Assembly

**Part No. 80015**

- Connects to bench-mounted air tool; provides on/off foot control of air tool operation.
- Includes 11291 Foot Pedal and 11292 8' Hose Assembly (3/8" I.D. x 11/16" O.D.) with two 1/4" NPT male fittings.



AIR TOOL ACCESSORIES

# Portable Wet Tank Assembly

**Preset Your Desired Water Flow with Valve Tank**

**Part No. 95990**

- Eliminates the need for a garden hose. Two gallon capacity. Heavy-duty corrosion resistant construction.
- Translucent tank allows easy viewing of liquid level.
- Hand pump manual pressurizes container (50 PSIG maximum pressure). No need for external power source.
- Adjustable "water feed" valves at two locations. Use valve at tool as an on/off switch.





# Contact Wheels and Assemblies

## Keep Your Belt Tools Running at Maximum Efficiency

### Wheels and Assemblies for Use with Dynabrade Abrasive Belt Tools

#### Many configurations are available to accommodate a variety of applications

The first Contact Wheel assembly listed (\*) is the assembly that comes standard with Contact Arm shown. All optional assemblies are listed below the standard assembly.

Contact Wheel assemblies include Contact Wheel plus two bearings. Certain assemblies may also contain a shaft and/or spacers. Refer to individual parts pages for breakdown.

### Dynafire® Contact Arm Assemblies

| Contact Arm Part No. |   | Wheel Assembly Part No. |   | Wheel Part No. | Wheel Dia. | Wheel Width | Wheel I.D. | Face Surface | Material       |
|----------------------|---|-------------------------|---|----------------|------------|-------------|------------|--------------|----------------|
| 11178                |    | 11068*<br>45 PSIG       |    | 11067          | 5/16"      | 3/8"        | 1/4"       | Crowned      | Steel          |
| 11179                |    | 11078*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned      | 70 Duro Rubber |
| 11212                |    | 11066*<br>45 PSIG       |    | 11065          | 5/16"      | 1/8"        | 1/4"       | Flat         | Steel          |
| 11213                |   | 11068*<br>45 PSIG       |    | 11067          | 5/16"      | 3/8"        | 1/4"       | Crowned      | Steel          |
|                      |   | 11070<br>45 PSIG        |   | 11069          | 7/16"      | 3/8"        | 1/4"       | Crowned      | 70 Duro Rubber |
|                      |   | 11076                   |  | 11075          | 7/16"      | 3/8"        | 3/8"       | Crowned      | Steel          |
| 11214                |  | 11070*<br>45 PSIG       |  | 11069          | 7/16"      | 3/8"        | 1/4"       | Crowned      | 70 Duro Rubber |
|                      |   | 11068<br>45 PSIG        |  | 11067          | 5/16"      | 3/8"        | 1/4"       | Crowned      | Steel          |
|                      |   | 11076                   |  | 11075          | 7/16"      | 3/8"        | 3/8"       | Crowned      | Steel          |
| 11215                |  | 11072*                  |  | 11071          | 7/16"      | 1/8"        | 3/8"       | Crowned      | Brass          |
|                      |   | 11074                   |  | 11073          | 5/8"       | 1/8"        | 3/8"       | Crowned      | 70 Duro Rubber |
| 11216                |  | 11074*                  |  | 11073          | 5/8"       | 1/8"        | 3/8"       | Crowned      | 70 Duro Rubber |
|                      |   | 11072                   |  | 11071          | 7/16"      | 1/8"        | 3/8"       | Crowned      | Brass          |
| 11217                |  | 11076*                  |  | 11075          | 7/16"      | 3/8"        | 3/8"       | Crowned      | Steel          |
|                      |   | 11068                   |  | 11067          | 5/16"      | 3/8"        | 1/4"       | Crowned      | Steel          |
|                      |   | 11070                   |  | 11069          | 7/16"      | 3/8"        | 1/4"       | Crowned      | 70 Duro Rubber |

# Contact Wheels and Assemblies (Cont'd)

Keep Your Belt Tools Running at Maximum Efficiency

## Dynafile® Contact Arm Assemblies (Cont'd)

\*Assembly comes standard with Contact Arm shown

| Contact Arm Part No. |   | Wheel Assembly Part No. |   | Wheel Part No. | Wheel Dia. | Wheel Width | Wheel I.D. | Face Surface   | Material         |
|----------------------|---|-------------------------|---|----------------|------------|-------------|------------|----------------|------------------|
| 11218                |    | 11078*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber   |
| 11219                |    | 11080*                  |    | 11079          | 1"         | 3/8"        | 3/8"       | Round Radiused | 70 Duro Rubber   |
|                      |   | 11078                   |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber   |
|                      |   | 11086                   |    | 11085          | 1"         | 3/8"        | 3/8"       | V-Shaped       | 90 Duro Urethane |
| 11228                |    | 11078*                  |    |                | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber   |
| 11231                |    | 11084*                  |    | 11083          | 3/4"       | 1/2"        | 3/8"       | Crowned        | 70 Duro Rubber   |
| 11232                |  | 11086*                  |    | 11085          | 1"         | 3/8"        | 3/8"       | V-Shaped       | 90 Duro Rubber   |
|                      |   | 11080                   |   | 11079          | 1"         | 3/8"        | 3/8"       | Round Radiused | 90 Duro Rubber   |
|                      |   | 11078                   |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 90 Duro Rubber   |
| 11234                |  | 11080*                  |  | 11079          | 1"         | 3/8"        | 3/8"       | Round Radiused | 70 Duro Rubber   |
| 11237                |  | 11066*<br>45 PSIG       |  | 11065          | 5/16"      | 1/8"        | 1/4"       | Flat           | Steel            |
| 11238                |  | 11051*                  |  | N/A            | 1/4"       | 3/8"        | N/A        | Flat           | Steel            |
| 11239                |  | 11068*<br>45 PSIG       |  | 11067          | 5/16"      | 3/8"        | 1/4"       | Crowned        | Steel            |
|                      |   | 11070                   |  | 11069          | 7/16"      | 3/8"        | 1/4"       | Crowned        | 70 Duro Rubber   |
|                      |   | 11076                   |  | 11075          | 7/16"      | 3/8"        | 3/8"       | Crowned        | Steel            |
| 11240                |  | 11078*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber   |
| 11241                |  | 11074*                  |  | 11073          | 5/8"       | 1/8"        | 3/8"       | Crowned        | 70 Duro Rubber   |
|                      |   | 11072                   |  | 11071          | 7/16"      | 1/8"        | 3/8"       | Crowned        | Brass            |

# Contact Wheels and Assemblies (Cont'd)

Keep Your Belt Tools Running at Maximum Efficiency

## Dynaflex® Contact Arm Assemblies (Cont'd)

\*Assembly comes standard with Contact Arm shown

| Contact Arm Part No. |   | Wheel Assembly Part No. |   | Wheel Part No. | Wheel Dia. | Wheel Width | Wheel I.D. | Face Surface   | Material       |
|----------------------|---|-------------------------|---|----------------|------------|-------------|------------|----------------|----------------|
| 11243                |    | 11084*                  |    | 11083          | 3/4"       | 1/2"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11244                |    | 11078*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11245                |    | 11078*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11252                |    | 11093                   |    | 11092          | 1"         | 3/8"        | 3/8"       | Round Radiused | 40 Duro Rubber |
| 11253                |    | —                       |    | 11377          | 2-1/8"     | 1/2"        | 5/8"       | Flat           | Urethane       |
|                      |   | —                       |    | 11378          | 2-1/8"     | 1/4"        | 5/8"       | Flat           | Urethane       |
| 11254                |    | —                       |    | 11375          | 4-3/8"     | 1/2"        | 5/8"       | Flat           | Urethane       |
|                      |   | —                       |   | 11376          | 4-3/8"     | 1/4"        | 5/8"       | Flat           | Urethane       |
| 11255                |  | 11078*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11258                |  | 11078*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11261                |  | 11078*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11262                |  | 11078*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11297                |  | 11090*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11312                |  | 11078*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |

## Dynaflex® II Contact Arm Assemblies

\*Assembly comes standard with Contact Arm shown

| Contact Arm Part No. |   | Wheel Assembly Part No. |   | Wheel Part No. | Wheel Dia. | Wheel Width | Wheel I.D. | Face Surface | Material       |
|----------------------|---|-------------------------|---|----------------|------------|-------------|------------|--------------|----------------|
| 11200                |  | 11088*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned      | 70 Duro Rubber |
| 11201                |  | 11068*<br>45 PSIG       |  | 11067          | 5/16"      | 3/8"        | 1/4"       | Crowned      | Steel          |
|                      |   | 11070                   |  | 11069          | 7/16"      | 3/8"        | 1/4"       | Crowned      | 70 Duro Rubber |
|                      |   | 11076                   |  | 11075          | 7/16"      | 3/8"        | 3/8"       | Crowned      | Steel          |



# Contact Wheels and Assemblies (Cont'd)

Keep Your Belt Tools Running at Maximum Efficiency

## Dynaflex® II Contact Arm Assemblies (Cont'd)

\*Assembly comes standard with Contact Arm shown

| Contact Arm Part No. |   | Wheel Assembly Part No. |   | Wheel Part No. | Wheel Dia. | Wheel Width | Wheel I.D. | Face Surface   | Material       |
|----------------------|---|-------------------------|---|----------------|------------|-------------|------------|----------------|----------------|
| 11202                |    | 11074*                  |    | 11073          | 5/8"       | 1/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
|                      |   | 11072                   |    | 11071          | 7/16"      | 1/8"        | 3/8"       | Crowned        | Brass          |
| 11203                |    | 11078*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11204                |    | 11080*                  |    | 11079          | 1"         | 3/8"        | 3/8"       | Round Radiused | 90 Duro Rubber |
|                      |   | 11078                   |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 90 Duro Rubber |
|                      |   | 11086                   |    | 11085          | 1"         | 3/8"        | 3/8"       | V-Shaped       | 90 Duro Rubber |
| 11206                |    | 11282*                  |    | 11281          | 3/4"       | 5/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11220                |   | 11352*<br>45 PSIG       |   | 11353          | 5/16"      | 5/8"        | 1/4"       | Crowned        | Steel          |
| 11280                |  | 11086*                  |  | 11085          | 1"         | 3/8"        | 3/8"       | V-Shaped       | 90 Duro Rubber |
|                      |   | 11078                   |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
|                      |   | 11080                   |  | 11079          | 1"         | 3/8"        | 3/8"       | Round Radiused | 70 Duro Rubber |
| 11286                |  | 11078*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11287                |  | 11282*                  |  | 11281          | 3/4"       | 5/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11300                |  | 11332*<br>45 PSIG       |  | 11333          | 1/4"       | 3/8"        | 3/16"      | Crowned        | Steel          |
|                      |   | 11342                   |  | 11343          | 5/16"      | 3/8"        | 3/16"      | Crowned        | 50 Duro Rubber |
| 11301                |  | 11068*<br>45 PSIG       |  | 11067          | 5/16"      | 3/8"        | 1/4"       | Crowned        | Steel          |
|                      |   | 11070<br>45 PSIG        |  | 11069          | 7/16"      | 3/8"        | 1/4"       | Crowned        | 70 Duro Rubber |
| 11304                |  | 11078*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |

# Contact Wheels and Assemblies (Cont'd)

Keep Your Belt Tools Running at Maximum Efficiency

## Dynaflex® II Contact Arm Assemblies (Cont'd)

\*Assembly comes standard with Contact Arm shown

| Contact Arm Part No. |   | Wheel Assembly Part No. |   | Wheel Part No. | Wheel Dia. | Wheel Width | Wheel I.D. | Face Surface   | Material       |
|----------------------|---|-------------------------|---|----------------|------------|-------------|------------|----------------|----------------|
| 11305                |    | 11093                   |    | 11092          | 1"         | 3/8"        | 3/8"       | Round Radiused | 40 Duro Rubber |
| 11312                |    | 11078*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11314                |    | 11066*<br>45 PSIG       |    | 11065          | 5/16"      | 1/8"        | 1/4"       | Flat           | Steel          |
| 11320                |    | 11078*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11321                |    | 11070*<br>45 PSIG       |    | 11069          | 7/16"      | 3/8"        | 1/4"       | Crowned        | 70 Duro Rubber |
|                      |   | 11068<br>45 PSIG        |    | 11067          | 5/16"      | 3/8"        | 1/4"       | Crowned        | Steel          |
|                      |   | 11076                   |    | 11075          | 7/16"      | 3/8"        | 3/8"       | Crowned        | Steel          |
| 11322                |   | 11090*                  |   | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11325                |  | 11078                   |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11329                |  | 11078*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11330                |  | 11072*                  |  | 11071          | 7/16"      | 1/8"        | 3/8"       | Crowned        | Brass          |
|                      |   | 11074                   |  | 11073          | 5/8"       | 1/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11337                |  | 11076*                  |  | 11075          | 7/16"      | 3/8"        | 3/8"       | Crowned        | Steel          |
|                      |   | 11068                   |  | 11067          | 5/16"      | 3/8"        | 1/4"       | Crowned        | Steel          |
| 11341                |  | 11342*<br>45 PSIG       |  | 11343          | 5/16"      | 3/8"        | 3/16"      | Crowned        | 50 Duro Rubber |
|                      |   | 11332                   |  | 11333          | 1/4"       | 3/8"        | 3/16"      | Crowned        | Steel          |
| 11350                |  | 11352*                  |  | 11353          | 5/16"      | 5/8"        | 1/4"       | Crowned        | Steel          |
| 11360                |  | 11078*                  |  | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |

# Contact Wheels and Assemblies (Cont'd)

Keep Your Belt Tools Running at Maximum Efficiency

## Mini-Dynaflex® II Contact Arm Assemblies

\*Assembly comes standard with Contact Arm shown

| Contact Arm Part No. |   | Wheel Assembly Part No. |   | Wheel Part No. | Wheel Dia. | Wheel Width | Wheel I.D. | Face Surface   | Material         |
|----------------------|---|-------------------------|---|----------------|------------|-------------|------------|----------------|------------------|
| 15025                |    | 11093                   |    | 11092          | 1"         | 3/8"        | 3/8"       | Round Radiused | 40 Duro Rubber   |
| 15026                |    | 11078*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber   |
|                      |   | 11086                   |    | 11085          | 1"         | 3/8"        | 3/8"       | V-Shaped       | 90 Duro Rubber   |
| 15027                |    | 11074*                  |    | 11073          | 5/8"       | 1/8"        | 3/8"       | Crowned        | 70 Duro Rubber   |
|                      |   | 11072                   |    | 11071          | 7/16"      | 1/8"        | 3/8"       | Crowned        | Brass            |
| 15028                |    | 11080*                  |    | 11079          | 1"         | 3/8"        | 3/8"       | Round Radiused | 70 Duro Rubber   |
| 15029                |   | 11086*                  |   | 11085          | 1"         | 3/8"        | 3/8"       | V-Shaped       | 90 Duro Urethane |
|                      |   | 11080                   |  | 11079          | 1"         | 3/8"        | 3/8"       | Round Radiused | 90 Duro Rubber   |
| 15030                |  | 11068* 45 PSIG          |  | 11067          | 5/16"      | 3/8"        | 1/4"       | Crowned        | Steel            |
|                      |   | 11070 45 PSIG           |  | 11069          | 7/16"      | 3/8"        | 1/4"       | Crowned        | 70 Duro Rubber   |
|                      |   | 11076 45 PSIG           |  | 11075          | 7/16"      | 3/8"        | 3/8"       | Crowned        | Steel            |
| 15031                |  | 11070* 45 PSIG          |  | 11069          | 7/16"      | 3/8"        | 1/4"       | Crowned        | 70 Duro Rubber   |
|                      |   | 11068 45 PSIG           |  | 11067          | 5/16"      | 3/8"        | 1/4"       | Crowned        | Steel            |
|                      |   | 11076 45 PSIG           |  | 11075          | 7/16"      | 3/8"        | 3/8"       | Crowned        | Steel            |
| 15032                |  | 11332* 45 PSIG          |  | 11333          | 1/4"       | 3/8"        | 3/16"      | Crowned        | Steel            |
|                      |   | 11342 45 PSIG           |  | 11343          | 5/16"      | 3/8"        | 3/16"      | Crowned        | 50 Duro Rubber   |
| 15033                |  | 11342* 45 PSIG          |  | 11343          | 5/16"      | 3/8"        | 3/16"      | Crowned        | 50 Duro Rubber   |
|                      |   | 11332 45 PSIG           |  | 11333          | 1/4"       | 3/8"        | 3/16"      | Crowned        | Steel            |



# Contact Wheels and Assemblies (Cont'd)

Keep Your Belt Tools Running at Maximum Efficiency

## Dynaflex® III Contact Arm Assemblies

\*Assembly comes standard with Contact Arm shown

| Contact Arm Part No. |   | Wheel Assembly Part No. |   | Wheel Part No. | Wheel Dia. | Wheel Width | Wheel I.D. | Face Surface   | Material       |
|----------------------|---|-------------------------|---|----------------|------------|-------------|------------|----------------|----------------|
| 11200                |    | 11088*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11203                |    | 11078*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11204                |    | 11080*                  |    | 11079          | 1"         | 3/8"        | 3/8"       | Round Radiused | 70 Duro Rubber |
| 11206                |    | 11282*                  |    | 11281          | 3/4"       | 5/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11286                |    | 11078*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11287                |    | 11282*                  |    | 11281          | 3/4"       | 5/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11320                |    | 11078*                  |    | 11077          | 5/8"       | 3/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 11702                |   | 11638*                  |   | 11637          | 4"         | 1/2"        |            | Round Radiused | 70 Duro Rubber |
| 15321                |  | 15320*                  |  | 15318          | 3/4"       | 7/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 15326                |  | 15320*                  |  | 15318          | 3/4"       | 7/8"        | 3/8"       | Crowned        | 70 Duro Rubber |
| 15350                |  | 15349*                  |  | 11617          | 2"         | 1"          | 5/8"       | Flat           | 90 Duro Rubber |
|                      |   | 15346                   |  | 15342          | 2"         | 5/8"        | 5/8"       | Crowned        | 40 Duro Rubber |
|                      |   | 15347                   |  | 15343          | 2"         | 1"          | 5/8"       | V-Shaped       | 70 Duro Rubber |
|                      |   | 15348                   |  | 11649          | 2"         | 1"          | 5/8"       | Flat           | 70 Duro Rubber |
| 15351                |  | 15348*                  |  | 11649          | 2"         | 1"          | 5/8"       | Flat           | 70 Duro Rubber |
|                      |   | 15346                   |  | 15342          | 2"         | 5/8"        | 5/8"       | Crowned        | 40 Duro Rubber |
|                      |   | 15347                   |  | 15343          | 2"         | 1"          | 5/8"       | V-Shaped       | 70 Duro Rubber |
|                      |   | 15349                   |  | 11617          | 2"         | 1"          | 5/8"       | Flat           | 90 Duro Rubber |

# Contact Wheels and Assemblies (Cont'd)

Keep Your Belt Tools Running at Maximum Efficiency

## Dynafile® III Contact Arm Assemblies (Cont'd)

\*Assembly comes standard with Contact Arm shown

| Contact Arm Part No. |   | Wheel Assembly Part No. |   | Wheel Part No. | Wheel Dia. | Wheel Width | Wheel I.D. | Face Surface | Material       |
|----------------------|---|-------------------------|---|----------------|------------|-------------|------------|--------------|----------------|
| 15356                |    | 15346*                  |    | 15342          | 2"         | 5/8"        | 5/8"       | Crowned      | 40 Duro Rubber |
|                      |   | 15347                   |    | 15343          | 2"         | 1"          | 5/8"       | V-Shaped     | 70 Duro Rubber |
|                      |   | 15348                   |    | 11649          | 2"         | 1"          | 5/8"       | Flat         | 70 Duro Rubber |
|                      |   | 15349                   |    | 11617          | 2"         | 1"          | 5/8"       | Flat         | 90 Duro Rubber |
| 15357                |   | 15347*                  |    | 15343          | 2"         | 1"          | 5/8"       | V-Shaped     | 70 Duro Rubber |
|                      |   | 15346                   |   | 15342          | 2"         | 5/8"        | 5/8"       | Crowned      | 40 Duro Rubber |
|                      |   | 15348                   |  | 11649          | 2"         | 1"          | 5/8"       | Flat         | 70 Duro Rubber |
|                      |   | 15349                   |  | 11617          | 2"         | 1"          | 5/8"       | Flat         | 90 Duro Rubber |
| 15368                |  | 15359*                  |  | 15358          | 1"         | 5/8"        | 5/8"       | Flat         | 70 Duro Rubber |
|                      |   | 11616                   |  | 11615          | 1"         | 5/8"        | 5/8"       | Flat         | 80 Duro Rubber |
| 15375                |  | 15348*                  |  | 11649          | 2"         | 5/8"        | 5/8"       | Flat         | 70 Duro Rubber |
|                      |   | 15346                   |  | 15342          | 2"         | 5/8"        | 5/8"       | Crowned      | 40 Duro Rubber |
|                      |   | 15347                   |  | 15343          | 2"         | 5/8"        | 5/8"       | V-Shaped     | 70 Duro Rubber |
|                      |   | 15349                   |  | 11617          | 2"         | 5/8"        | 5/8"       | Flat         | 90 Duro Rubber |

# Contact Wheels and Assemblies (Cont'd)

Keep Your Belt Tools Running at Maximum Efficiency

## Dynabelter® Contact Arm Assemblies

\*Assembly comes standard with Contact Arm shown

| Contact Arm Part No. |   | Wheel Assembly Part No. |   | Wheel Part No. | Wheel Dia. | Wheel Width | Wheel I.D. | Face Surface      | Material         |
|----------------------|---|-------------------------|---|----------------|------------|-------------|------------|-------------------|------------------|
| 11681                |    | 11650*                  |    | 11649          | 2"         | 1"          | 5/8"       | Standard          | 70 Duro Rubber   |
|                      |   | 11644                   |    | 11643          | 2"         | 1/2"        | 5/8"       | Crowned           | 90 Duro Rubber   |
|                      |   | 11634                   |    | 11633          | 2"         | 1"          | 5/8"       | Crowned           | 40 Duro Rubber   |
|                      |   | 11618                   |    | 11617          | 2"         | 1"          | 5/8"       | Standard          | 90 Duro Rubber   |
| 11663                |    | 11616*                  |    | 11615          | 1"         | 1"          | 5/8"       | Flat              | 80 Duro Rubber   |
| 11668                |    | 11616*                  |    | 11615          | 1"         | 1"          | 5/8"       | Flat              | 80 Duro Rubber   |
| 11677                |   | 11620*                  |    | 11619          | 4"         | 1"          | 5/8"       | Crowned           | 40 Duro Rubber   |
|                      |   | 11689                   |    | 11688          | 4"         | 1"          | 5/8"       | Scoop             | 60 Duro Urethane |
|                      |   | 11636                   |  | 11635          | 4"         | 1"          | 5/8"       | Scoop             | 80 Duro Urethane |
| 11682                |  | 11638*                  |  | 11637          | 4"         | 1/2"        | 5/8"       | Severely Radiused | 70 Duro Rubber   |
| 11684                |  | 11642*                  |  | 11641          | 4"         | 5/8"        | 5/8"       | Scoop             | 40 Duro Rubber   |
|                      |   | 11892                   |  | 11886          | 4"         | 5/8"        | 5/8"       | Scoop             | 80 Duro Urethane |
|                      |   | 11889                   |  | 11888          | 4"         | 5/8"        | 5/8"       | Scoop             | 90 Duro Urethane |
| 11717                |  | 11618*                  |  | 11617          | 2"         | 1"          | 5/8"       | Standard          | 90 Duro Rubber   |
|                      |   | 11644                   |  | 11643          | 2"         | 1/2"        | 5/8"       | Standard          | 90 Duro Rubber   |
|                      |   | 11634                   |  | 11633          | 2"         | 1"          | 5/8"       | Crowned           | 40 Duro Rubber   |
|                      |   | 11650                   |  | 11649          | 2"         | 1"          | 5/8"       | Standard          | 70 Duro Rubber   |
| 11870                |  | 11847*                  |  | 11846          | 2"         | 2"          | 1-1/8"     | Standard          | 70 Duro Urethane |
|                      |   | 11851                   |  | 11850          | 2"         | 2"          | 1-1/8"     | Standard          | 90 Duro Urethane |



# Drop-In Motors

Reduce Costly Downtime Associated with Routine Maintenance



*For Models Not Listed, Please Contact Customer Service*

| Model No. | Drop-In Motor | Model No. | Drop-In Motor | Model No. | Drop-In Motor | Model No. | Drop-In Motor | Model No. | Drop-In Motor | Model No. | Drop-In Motor | Model No. | Drop-In Motor |
|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|
| 11475     | 01711         | 14000     | 01198         | 48370     | 45300         | 51392     | 01904         | 52206     | 01390         | 52531     | 02050         | 52715     | 01889         |
| 11477     | 52440         | 14010     | 01198         | 48500     | 01392         | 51393     | 01911         | 52211     | 01044         | 52532     | 02051         | 52716     | 01889         |
| 12200     | 53406         | 14200     | 01711         | 48503     | 01393         | 51394     | 01905         | 52212     | 01044         | 52537     | 01911         | 52717     | 01889         |
| 12201     | 53406         | 15003     | 01393         | 48520     | 45294         | 51395     | 01905         | 52213     | 01044         | 52538     | 02030         | 52718     | 01889         |
| 12202     | 53406         | 15006     | 01393         | 48521     | 45295         | 51396     | 01904         | 52216     | 01030         | 52540     | 02030         | 52719     | 01911         |
| 12204     | 53406         | 15300     | 01711         | 48522     | 45296         | 51397     | 01911         | 52218     | 01030         | 52541     | 02050         | 52720     | 01911         |
| 12205     | 53406         | 15302     | 01711         | 48530     | 45294         | 51400     | 53408         | 52221     | 01044         | 52542     | 02051         | 52721     | 01911         |
| 12206     | 53406         | 15360     | 15379         | 48531     | 45295         | 51401     | 53409         | 52222     | 01044         | 52557     | 02093         | 52722     | 01911         |
| 12207     | 53406         | 15400     | 01711         | 48532     | 45296         | 51402     | 53408         | 52223     | 01044         | 52558     | 02093         | 52760     | 01426         |
| 12250     | 02501         | 15401     | 01711         | 48540     | 45294         | 51405     | 53408         | 52242     | 01904         | 52561     | 01911         | 52802     | 01428         |
| 13100     | 53407         | 15420     | 01711         | 48541     | 45295         | 51410     | 53408         | 52256     | 01712         | 52562     | 01911         | 52831     | 52945         |
| 13101     | 53406         | 30200     | 53169         | 48542     | 45296         | 51411     | 53408         | 52257     | 01712         | 52563     | 01991         | 52832     | 52946         |
| 13102     | 53407         | 30304     | 53169         | 49135     | 45298         | 51412     | 53409         | 52258     | 01712         | 52564     | 01911         | 52833     | 52945         |
| 13200     | 53170         | 30336     | 53169         | 49425     | 45297         | 51415     | 53408         | 52267     | 01030         | 52565     | 01911         | 52834     | 52945         |
| 13201     | 53169         | 30337     | 53169         | 50210     | 02050         | 51430     | 53408         | 52276     | 01713         | 52573     | 01893         | 52835     | 52946         |
| 13202     | 53169         | 40320     | 01030         | 50211     | 02050         | 51450     | 01136         | 52277     | 01713         | 52574     | 01893         | 52836     | 52944         |
| 13204     | 53169         | 40321     | 01030         | 50302     | 01911         | 51451     | 01184         | 52278     | 53170         | 52576     | 02218         | 52861     | 53408         |
| 13205     | 53169         | 40324     | 01030         | 50320     | 55055         | 51454     | 01136         | 52280     | 02093         | 52577     | 01911         | 52862     | 52887         |
| 13206     | 53170         | 40326     | 01030         | 50321     | 01911         | 51455     | 01184         | 52289     | 01717         | 52578     | 01911         | 52863     | 52887         |
| 13207     | 53170         | 40330     | 01030         | 50324     | 55055         | 51470     | 53169         | 52290     | 01717         | 52579     | 01911         | 52864     | 52887         |
| 13214     | 53170         | 40335     | 01030         | 50340     | 55060         | 51472     | 53169         | 52293     | 01717         | 52580     | 01911         | 52900     | 31635         |
| 13220     | 53169         | 40352     | 01253         | 50350     | 01385         | 51474     | 53169         | 52294     | 01717         | 52590     | 54807         | 52903     | 52945         |
| 13280     | 53406         | 40353     | 01253         | 50561     | 02050         | 51476     | 53169         | 52297     | 01717         | 52596     | 01426         | 52904     | 52946         |
| 13300     | 53408         | 40381     | 53409         | 50570     | 02050         | 51479     | 53169         | 52373     | 01894         | 52597     | 01428         | 52905     | 52945         |
| 13301     | 53409         | 46000     | 45294         | 51130     | 01712         | 51600     | 53169         | 52374     | 01894         | 52630     | 01426         | 52906     | 52945         |
| 13310     | 53408         | 46001     | 45295         | 51134     | 01127         | 51601     | 53169         | 52376     | 01911         | 52631     | 01426         | 52907     | 52946         |
| 13320     | 53408         | 46002     | 45296         | 51200     | 53407         | 51602     | 53169         | 52377     | 01911         | 52632     | 01426         | 52931     | 52945         |
| 13400     | 01136         | 47200     | 45297         | 51201     | 53406         | 51603     | 53169         | 52378     | 01911         | 52633     | 01426         | 52932     | 52946         |
| 13401     | 01136         | 47201     | 45298         | 51202     | 53407         | 51604     | 53169         | 52379     | 01911         | 52634     | 01426         | 52933     | 52945         |
| 13410     | 01136         | 47202     | 45297         | 51203     | 53407         | 51605     | 53169         | 52380     | 01911         | 52635     | 01426         | 52934     | 52945         |
| 13411     | 01136         | 47211     | 53408         | 51204     | 53406         | 51700     | 52887         | 52400     | 01132         | 52638     | 01426         | 52935     | 52946         |
| 13450     | 01904         | 47212     | 53409         | 51205     | 53407         | 51820     | 02030         | 52402     | 01132         | 52639     | 01426         | 52936     | 52944         |
| 13460     | 01904         | 47800     | 45294         | 51225     | 02030         | 51821     | 02050         | 52405     | 01132         | 52656     | 01428         | 52986     | 52945         |
| 13500     | 01904         | 47801     | 45295         | 51226     | 02050         | 51822     | 02051         | 52410     | 01711         | 52657     | 01428         | 52987     | 52946         |
| 13501     | 01888         | 47802     | 45296         | 51227     | 02051         | 51846     | 02030         | 52412     | 01711         | 52660     | 01888         | 53037     | 01198         |
| 13502     | 01888         | 47820     | 45294         | 51230     | 02030         | 51847     | 02050         | 52413     | 01711         | 52662     | 01887         | 53046     | 02030         |
| 13503     | 01888         | 47821     | 45295         | 51231     | 02050         | 51848     | 02051         | 52415     | 01711         | 52663     | 01908         | 53047     | 02050         |
| 13505     | 10888         | 47822     | 45296         | 51232     | 02051         | 52050     | 53406         | 52418     | 17929         | 52665     | 01908         | 53048     | 02051         |
| 13506     | 10888         | 48201     | 45299         | 51235     | 01392         | 52051     | 53406         | 52420     | 02219         | 52666     | 01908         | 53060     | 55057         |
| 13507     | 01887         | 48203     | 45299         | 51236     | 01392         | 52052     | 53406         | 52430     | 02216         | 52667     | 01908         | 53072     | 53409         |
| 13508     | 01887         | 48205     | 01390         | 51300     | 01198         | 52060     | 53407         | 52431     | 02216         | 52668     | 01908         | 53073     | 53408         |
| 13509     | 01886         | 48207     | 01390         | 51301     | 01198         | 52061     | 53407         | 52434     | 02400         | 52669     | 01905         | 53074     | 53409         |
| 13511     | 01905         | 48315     | 45294         | 51301     | 01198         | 52062     | 53407         | 52435     | 02400         | 52672     | 01904         | 53077     | 53407         |
| 13512     | 01905         | 48316     | 45295         | 51302     | 01198         | 52100     | 53170         | 52436     | 01711         | 52673     | 01911         | 53078     | 53406         |
| 13515     | 01905         | 48317     | 45296         | 51303     | 01198         | 52100     | 53169         | 52438     | 01911         | 52675     | 01911         | 53079     | 53407         |
| 13516     | 01905         | 48325     | 45299         | 51304     | 01296         | 52101     | 53169         | 52439     | 02030         | 52676     | 01911         | 53080     | 01136         |
| 13517     | 01904         | 48327     | 45299         | 51305     | 01296         | 52101     | 53170         | 52500     | 01392         | 52677     | 01911         | 53081     | 01184         |
| 13518     | 01904         | 48335     | 01390         | 51306     | 01296         | 52102     | 53170         | 52503     | 01392         | 52678     | 01911         | 53090     | 55059         |
| 13519     | 01903         | 48337     | 01390         | 51307     | 01297         | 52102     | 01717         | 52515     | 02087         | 52679     | 01911         | 53091     | 55059         |
| 13520     | 01904         | 48341     | 45299         | 51330     | 01712         | 52103     | 53170         | 52516     | 02089         | 52700     | 01711         | 53092     | 52916         |
| 13521     | 01888         | 48345     | 45300         | 51331     | 01712         | 52104     | 53169         | 52518     | 55056         | 52705     | 02050         | 53093     | 51915         |
| 13523     | 01887         | 48350     | 45299         | 51332     | 01713         | 52105     | 53170         | 52520     | 02030         | 52706     | 02030         | 53094     | 52916         |
| 13525     | 01888         | 48355     | 45299         | 51333     | 01713         | 52200     | 01390         | 52521     | 02050         | 52710     | 02030         | 53095     | 55059         |
| 13531     | 01905         | 48360     | 45299         | 51390     | 01905         | 52202     | 01390         | 52522     | 02051         | 52711     | 02050         | 53096     | 55056         |
| 13535     | 01887         | 48365     | 45300         | 51391     | 01905         | 52204     | 01390         | 52530     | 02030         | 52712     | 02051         | 53103     | 55057         |

# Drop-In Motors (Cont'd)

Reduce Costly Downtime Associated with Routine Maintenance



For Models Not Listed, Please Contact Customer Service

| Model No. | Drop-In Motor | Model No. | Drop-In Motor | Model No. | Drop-In Motor | Model No. | Drop-In Motor | Model No. | Drop-In Motor | Model No. | Drop-In Motor | Model No. | Drop-In Motor |
|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|
| 54347     | 01881         | 54736     | 01882         | 56715     | 02030         | 57900     | 58096         | 59005     | 59497         | 59035     | 59499         | 69005     | 69456         |
| 54359     | 01882         | 54740     | 01899         | 56719     | 02051         | 57906     | 58096         | 59008     | 59497         | 59038     | 59499         | 69008     | 69456         |
| 54363     | 01891         | 54742     | 01890         | 56723     | 01390         | 57910     | 58096         | 59009     | 59497         | 59039     | 59499         | 69009     | 69456         |
| 54369     | 01890         | 54744     | 01891         | 56727     | 53409         | 57930     | 58096         | 59010     | 59500         | 59040     | 59502         | 69010     | 69459         |
| 54374     | 01899         | 54746     | 01890         | 56739     | 01717         | 58000     | 58096         | 59013     | 59500         | 59043     | 59502         | 69013     | 69459         |
| 54387     | 01890         | 54767     | 01881         | 56743     | 01908         | 58010     | 58096         | 59014     | 59500         | 59044     | 59502         | 69014     | 69459         |
| 54391     | 01717         | 54769     | 01882         | 56747     | 01908         | 58015     | 58096         | 59015     | 59513         | 59100     | 59512         | 69015     | 69454         |
| 54400     | 01881         | 54771     | 01880         | 56751     | 53407         | 58017     | 58096         | 59018     | 59513         | 59103     | 59512         | 69018     | 69454         |
| 54403     | 01882         | 54773     | 01882         | 56755     | 01391         | 58034     | 02030         | 59019     | 59513         | 59104     | 59512         | 69019     | 69454         |
| 54406     | 01880         | 54775     | 01880         | 56759     | 01713         | 58035     | 02050         | 59020     | 59498         | 59105     | 59513         | 69020     | 69457         |
| 54409     | 01882         | 54777     | 01882         | 57101     | 51375         | 58037     | 02030         | 59023     | 59498         | 59108     | 59513         | 69023     | 69457         |
| 54421     | 01899         | 54783     | 01899         | 57126     | 51365         | 58038     | 02030         | 59024     | 59498         | 59109     | 59513         | 69024     | 69457         |
| 54424     | 01890         | 54785     | 01890         | 57127     | 02093         | 58039     | 02030         | 59025     | 59501         | 59110     | 59514         | 69025     | 69460         |
| 54427     | 01891         | 54787     | 01891         | 57500     | 59480         | 58050     | 53408         | 59028     | 59501         | 59113     | 59514         | 69028     | 69460         |
| 54430     | 01890         | 54789     | 01890         | 57502     | 59480         | 58054     | 59498         | 59029     | 59501         | 59114     | 59514         | 69029     | 69460         |
| 54730     | 01881         | 54791     | 01891         | 57502     | 59480         | 59000     | 59485         | 59030     | 59487         | 69000     | 69453         | 69030     | 69455         |
| 54732     | 01882         | 54793     | 01890         | 57503     | 59480         | 59003     | 59485         | 59033     | 59487         | 69003     | 69453         | 69033     | 69455         |
| 54734     | 01880         | 55126     | 55150         | 57504     | 59480         | 59004     | 59485         | 59034     | 59487         | 69004     | 69453         | 69034     | 69455         |

AIR TOOL ACCESSORIES

## Drop-In Motor “Ten Packs”

For Use with Dynorbital-Spirit® Random Orbital Sanders

| Pad Diameter                 | Orbit Diameter | Ten Pack | Ten Pack with Repair Tools |
|------------------------------|----------------|----------|----------------------------|
| 3", 3-1/2"<br>(76 mm, 89 mm) | 3/8" (10 mm)   | 59470    | 59460                      |
|                              | 3/16" (5 mm)   | 59471    | 59461                      |
|                              | 3/32" (2.5 mm) | 59472    | 59462                      |
| 5"<br>(127 mm)               | 3/8" (10 mm)   | 59473    | 59463                      |
|                              | 3/16" (5 mm)   | 59474    | 59464                      |
|                              | 3/32" (2.5 mm) | 59475    | 59465                      |
| 6"<br>(152 mm)               | 3/8" (10 mm)   | 59476    | 59466                      |
|                              | 3/16" (5 mm)   | 59477    | 59467                      |
|                              | 3/32" (2.5 mm) | 59478    | 59468                      |



For Use with Dynorbital® Silver Supreme Random Orbital Sanders

| Pad Diameter      | Orbit Diameter | Ten Pack | Ten Pack with Repair Tools |
|-------------------|----------------|----------|----------------------------|
| 3"<br>(76 mm)     | 3/8" (10 mm)   | 69467    | N/A                        |
|                   | 3/16" (5 mm)   | 69468    | N/A                        |
|                   | 3/32" (2.5 mm) | 69469    | N/A                        |
| 3-1/2"<br>(89 mm) | 3/8" (10 mm)   | 69470    | N/A                        |
|                   | 3/16" (5 mm)   | 69471    | N/A                        |
|                   | 3/32" (2.5 mm) | 69472    | N/A                        |
| 5"<br>(127 mm)    | 3/8" (10 mm)   | 69473    | N/A                        |
|                   | 3/16" (5 mm)   | 69474    | N/A                        |
|                   | 3/32" (2.5 mm) | 69475    | N/A                        |
| 6"<br>(152 mm)    | 3/8" (10 mm)   | 69476    | N/A                        |
|                   | 3/16" (5 mm)   | 69477    | N/A                        |
|                   | 3/32" (2.5 mm) | 69478    | N/A                        |



**Includes Assorted Parts to Maintain Your Motor at Peak Efficiency**

| Model No. | Tune-Up Kit | Model No. | Tune-Up Kit | Model No. | Tune-Up Kit | Model No. | Tune-Up Kit | Model No. | Tune-Up Kit | Model No. | Tune-Up Kit | Model No. | Tune-Up Kit |
|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| 11475     | 96045       | 13517     | 96532       | 30336     | 96260       | 48350     | 96541       | 50570     | 96179       | 51400     | 96174       | 52061     | 96173       |
| 11476     | 96011       | 13518     | 96532       | 30337     | 96260       | 48355     | 96541       | 51130     | 95600       | 51401     | 96174       | 52062     | 96173       |
| 11477     | 96259       | 13519     | 96532       | 40320     | 96044       | 48360     | 96541       | 51134     | 96007       | 51402     | 96174       | 52100     | 96260       |
| 11486     | 96011       | 13520     | 96532       | 40321     | 96044       | 48365     | 96541       | 51200     | 96173       | 51405     | 96174       | 52101     | 96260       |
| 12200     | 96261       | 13521     | 96532       | 40324     | 96044       | 48370     | 96541       | 51201     | 96173       | 51410     | 96174       | 52102     | 96260       |
| 12201     | 96261       | 13523     | 96532       | 40326     | 96044       | 48500     | 96541       | 51202     | 96173       | 51411     | 96174       | 52103     | 96260       |
| 12202     | 96261       | 13525     | 96532       | 40330     | 96044       | 48503     | 96541       | 51203     | 96173       | 51412     | 96174       | 52104     | 96260       |
| 12204     | 96261       | 13531     | 96532       | 40335     | 96044       | 48520     | 96541       | 51204     | 96173       | 51415     | 96174       | 52105     | 96260       |
| 12205     | 96261       | 13535     | 96532       | 40352     | 96074       | 48521     | 96541       | 51205     | 96173       | 51430     | 96174       | 52200     | 96048       |
| 12206     | 96261       | 14000     | 95600       | 40353     | 96074       | 48522     | 96541       | 51225     | 96179       | 51450     | 96234       | 52202     | 96048       |
| 12207     | 96261       | 14010     | 95600       | 40381     | 96174       | 48530     | 96541       | 51226     | 96179       | 51451     | 96234       | 52204     | 96048       |
| 12250     | 96533       | 14200     | 95840       | 46000     | 96541       | 48531     | 96541       | 51227     | 96179       | 51454     | 96234       | 52206     | 96048       |
| 13100     | 96173       | 14300     | 96011       | 46001     | 96541       | 48532     | 96541       | 51230     | 96179       | 51455     | 96234       | 52211     | 96044       |
| 13101     | 96173       | 14303     | 96011       | 46002     | 96541       | 48540     | 96541       | 51231     | 96179       | 51458     | 96672       | 52212     | 96044       |
| 13102     | 96173       | 14306     | 96011       | 47200     | 96541       | 48541     | 96541       | 51232     | 96179       | 51459     | 96672       | 52213     | 96044       |
| 13200     | 96260       | 15003     | 96074       | 47201     | 96541       | 48542     | 96541       | 51235     | 96049       | 51470     | 96178       | 52216     | 96044       |
| 13201     | 96260       | 15006     | 96074       | 47202     | 96541       | 49135     | 96541       | 51236     | 96049       | 51472     | 96178       | 52218     | 96044       |
| 13202     | 96260       | 15300     | 96233       | 47211     | 96541       | 49400     | 96541       | 51300     | 95600       | 51474     | 96178       | 52221     | 96044       |
| 13204     | 96260       | 15302     | 96233       | 47212     | 96541       | 49401     | 96541       | 51301     | 95600       | 51476     | 96178       | 52222     | 96044       |
| 13205     | 96260       | 15360     | 96233       | 47800     | 96541       | 49410     | 96541       | 51302     | 95600       | 51479     | 96178       | 52223     | 96044       |
| 13206     | 96260       | 15400     | 96233       | 47801     | 96541       | 49420     | 96541       | 51303     | 95600       | 51510     | 96672       | 52242     | 96045       |
| 13207     | 96260       | 15401     | 96233       | 47802     | 96541       | 49425     | 96541       | 51304     | 96530       | 51511     | 96672       | 52256     | 96529       |
| 13214     | 96260       | 15420     | 96233       | 47820     | 96541       | 49430     | 96541       | 51305     | 96530       | 51600     | 96178       | 52257     | 96529       |
| 13220     | 96260       | 18000     | 96650       | 47821     | 96541       | 49440     | 96541       | 51306     | 96530       | 51601     | 96178       | 52258     | 96529       |
| 13280     | 96173       | 18001     | 96650       | 47822     | 96541       | 49455     | 96541       | 51307     | 96530       | 51602     | 96178       | 52267     | 96044       |
| 13300     | 96174       | 18010     | 96653       | 48201     | 96541       | 50210     | 96179       | 51330     | 96259       | 51603     | 96178       | 52276     | 96529       |
| 13301     | 96174       | 18011     | 96653       | 48203     | 96541       | 50211     | 96179       | 51331     | 96259       | 51604     | 96178       | 52277     | 96529       |
| 13310     | 96174       | 18015     | 96653       | 48205     | 96541       | 50302     | 96532       | 51332     | 962         |           |             |           |             |

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# Motor Tune-Up Kits (Cont'd)

**Includes Assorted Parts to Maintain Your Motor at Peak Efficiency**

*For Models Not Listed, Please Contact Customer Service*

| Model No. | Tune-Up Kit | Model No. | Tune-Up Kit | Model No. | Tune-Up Kit | Model No. | Tune-Up Kit | Model No. | Tune-Up Kit | Model No. | Tune-Up Kit | Model No. | Tune-Up Kit |
|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| 52638     | 96100       | 52905     | 96067       | 53261     | 96553       | 54424     | 98623       | 56859     | 96024       | 57923     | 96169       | 58461     | 98220       |
| 52639     | 96100       | 52906     | 96067       | 53262     | 96553       | 54427     | 98623       | 56862     | 96024       | 57924     | 96169       | 58465     | 98220       |
| 52656     | 96100       | 52907     | 96067       | 53263     | 96553       | 54430     | 98623       | 56863     | 96024       | 57925     | 96169       | 58466     | 98220       |
| 52657     | 96100       | 52931     | 96067       | 53400     | 96333       | 54730     | 96680       | 56870     | 96024       | 57926     | 96169       | 58480     | 98224       |
| 52660     | 96532       | 52932     | 96067       | 53401     | 96333       | 54732     | 96680       | 56873     | 96024       | 57927     | 96169       | 58485     | 98224       |
| 52662     | 96532       | 52933     | 96067       | 53402     | 96333       | 54734     | 96680       | 56874     | 96024       | 57928     | 96169       | 58500     | 98222       |
| 52663     | 96532       | 52934     | 96067       | 53403     | 96333       | 54736     | 96680       | 56880     | 96024       | 57929     | 96169       | 58501     | 98222       |
| 52665     | 96532       | 52935     | 96067       | 53410     | 96333       | 54740     | 98623       | 56883     | 96024       | 57930     | 96236       | 58502     | 98222       |
| 52666     | 96532       | 52936     | 96067       | 53415     | 96179       | 54742     | 98623       | 56884     | 96024       | 58000     | 96236       | 58503     | 98222       |
| 52667     | 96532       | 52986     | 96067       | 53417     | 96179       | 54744     | 98623       | 56890     | 96024       | 58010     | 96236       | 58504     | 98222       |
| 52668     | 96532       | 52987     | 96067       | 53420     | 96333       | 54746     | 98623       | 56893     | 96024       | 58015     | 96236       | 58505     | 98222       |
| 52669     | 96532       | 53037     | 95600       | 53430     | 96333       | 54767     | 96680       | 56894     | 96024       | 58017     | 96236       | 58506     | 98222       |
| 52672     | 96532       | 53046     | 96179       | 53435     | 96179       | 54769     | 96680       | 57101     | 96537       | 58034     | 96179       | 58507     | 98222       |
| 52673     | 96532       | 53047     | 96179       | 53440     | 96333       | 54771     | 96680       | 57126     | 96537       | 58035     | 96179       | 58509     | 98222       |
| 52675     | 96532       | 53048     | 96179       | 53455     | 96333       | 54773     | 96680       | 57127     | 96522       | 58037     | 96179       | 59000     | 96510       |
| 52676     | 96532       | 53060     | 96047       | 53460     | 96179       | 54775     | 96680       | 57400     | 96107       | 58038     | 96179       | 59003     | 96510       |
| 52677     | 96532       | 53072     | 96173       | 53465     | 96179       | 54777     | 96680       | 57401     | 96107       | 58039     | 96179       | 59004     | 96510       |
| 52678     | 96532       | 53073     | 96174       | 53501     | 96007       | 54785     | 98623       | 57404     | 96107       | 58040     | 98576       | 59005     | 96510       |
| 52679     | 96532       | 53074     | 96174       | 53502     | 96007       | 54787     | 98623       | 57405     | 96107       | 58041     | 98576       | 59008     | 96510       |
| 52700     | 96045       | 53077     | 96173       | 53510     | 96007       | 54789     | 98623       | 57407     | 96107       | 58050     | 96174       | 59009     | 96510       |
| 52705     | 96179       | 53078     | 96174       | 53511     | 96007       | 54791     | 98623       | 57500     | 96109       | 58054     | 96510       | 59010     | 96510       |
| 52706     | 96179       | 53079     | 96174       | 53521     | 96532       | 54793     | 98623       | 57502     | 96109       | 58070     | 96169       | 59013     | 96510       |
| 52710     | 96179       | 53080     | 96234       | 53522     | 96532       | 55126     | 96542       | 57503     | 96109       | 58075     | 96169       | 59014     | 96510       |
| 52711     | 96179       | 53081     | 96234       | 53523     | 96532       | 56715     | 96179       | 57504     | 96109       | 58400     | 98220       | 59015     | 96510       |
| 52712     | 96179       | 53090     | 96047       | 53531     | 96532       | 56719     | 96179       | 57550     | 96107       | 58401     | 98220       | 59018     | 96510       |
| 52715     | 96532       | 53091     | 96047       | 53532     | 96532       | 56723     | 96049       | 57553     | 96107       | 58405     | 98220       | 59019     | 96510       |
| 52716     | 96532       | 53092     | 96466       | 53533     | 96532       | 56727     | 96049       | 57571     | 96018       | 58406     | 98220       | 59020     | 96510       |
| 52717     | 96532       | 53093     | 96466       | 53781     | 96680       | 56739     | 96045       | 57572     | 96018       | 58409     | 98220       | 59023     | 96510       |
| 52718     | 96532       | 53094     | 96466       | 53783     | 96532       | 56743     | 96532       | 57573     | 96018       | 58410     | 98221       | 59024     | 96510       |
| 52719     | 96532       | 53095     | 96047       | 53807     | 98621       | 56747     | 96532       | 57574     | 96018       | 58411     | 98221       | 59025     | 96510       |
| 52720     | 96532       | 53096     | 96047       | 53808     | 98621       | 56751     | 96173       | 57575     | 96018       | 58414     | 98221       | 59028     | 96510       |
| 52721     | 96532       | 53103     | 96047       | 53811     | 98623       | 56755     | 96049       | 57582     | 96018       | 58415     | 98220       | 59029     | 96510       |
| 52722     | 96532       | 53104     | 96047       | 53812     | 98623       | 56759     | 96529       | 57583     | 96018       | 58416     | 98220       | 59030     | 96510       |
| 52760     | 96100       | 53105     | 96047       | 53868     | 96100       | 56800     | 96024       | 57584     | 96018       | 58418     | 98220       | 59033     | 96510       |
| 52802     | 96100       | 53106     | 96047       | 53869     | 96100       | 56803     | 96024       | 57585     | 96018       | 58419     | 98220       | 59034     | 96510       |
| 52831     | 96067       | 53135     | 96333       | 54343     | 96680       | 56804     | 96024       | 57800     | 96024       | 58420     | 98220       | 59035     | 96510       |
| 52832     | 96067       | 53143     | 96532       | 54347     | 96680       | 56815     | 96024       | 57801     | 96024       | 58430     | 98220       | 59038     | 96510       |
| 52833     | 96067       | 53232     | 96552       | 54359     | 96680       | 56818     | 96024       | 57804     | 96024       | 58431     | 98220       | 59039     | 96510       |
| 52834     | 96067       | 53233     | 96552       | 54363     | 98623       | 56819     | 96024       | 57810     | 96024       | 58435     | 98220       | 59040     | 96510       |
| 52835     | 96067       | 53234     | 96552       | 54369     | 98623       | 56826     | 96024       | 57811     | 96024       | 58436     | 98220       | 59043     | 96510       |
| 52836     | 96067       | 53235     | 96552       | 54374     | 98623       | 56829     | 96024       | 57814     | 96024       | 58441     | 98221       | 59044     | 96510       |
| 52861     | 96174       | 53242     | 96553       | 54387     | 98623       | 56830     | 96024       | 57900     | 96236       | 58442     | 98221       | 59100     | 96510       |
| 52862     | 96174       | 53243     | 96553       | 54391     | 98623       | 56840     | 96024       | 57906     | 96236       | 58443     | 98221       | 59103     | 96510       |
| 52863     | 96174       | 53244     | 96553       | 54400     | 96680       | 56843     | 96024       | 57908     | 96169       | 58444     | 98221       | 59104     | 96510       |
| 52864     | 96174       | 53245     | 96553       | 54403     | 96680       | 56844     | 96024       | 57909     | 96169       | 58445     | 98221       | 59105     | 96510       |
| 52900     | 98223       | 53251     | 96552       | 54406     | 96680       | 56850     | 96024       | 57910     | 96236       | 58446     | 98221       | 59108     | 96510       |
| 52903     | 96067       | 53252     | 96552       | 54409     | 96680       | 56853     | 96024       | 57920     | 96169       | 58455     | 98220       | 59109     | 96510       |
| 52904     | 96067       | 53253     | 96552       | 54421     | 98623       | 56854     | 96024       | 57922     | 96169       | 58460     | 98220       | 59110     | 96510       |



# ABRASIVEDGE

Dynabrade, Inc. is proud to present our **AbrasivEdge** offering, an exciting and comprehensive range of top-quality **abrasive products**. Long established as the **global leader** in abrasive power tool technology, **Dynabrade** is also your source for the finest in **Abrasive Belts, Discs, Sheets** and more – all backed by the **Dynabrade** hallmark of outstanding **technical support** and unmatched **customer service!**

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## ABRASIVEDGE Regional Offerings

Dynabrade's selection of abrasive products varies, based on **region** and/or **market needs**. For details on our abrasive offering in **European countries** or in **India**, please contact your local office, as shown:

### In European Countries



#### **DYNABRADE EUROPE S.à r.l.**

Zone Artisanale Op Tomm 6  
L-5485 Wormeldange—Haut, Luxembourg  
Telephone: +352 768 494 1 • Fax: +352 768 495  
Email: [sales@dynabrade.lu](mailto:sales@dynabrade.lu)

### In India



#### **DYNABRADE INDIA ABRASIVE POWER TOOLS Pvt Ltd.**

EL-54, TTC Industrial Area, M.I.D.C. Mahape,  
Electronic Zone, Navi Mumbai - 400705  
Maharashtra, India • Telephone: +91 22 2763 2226  
Fax: +91 22 2763 2228  
Email: [customerservice.india@dynabrade.com](mailto:customerservice.india@dynabrade.com)

# Narrow Abrasive Belts

## DynaCut Zirconia Alumina (Z/A) Coated Abrasive Belts:

Versatile, high-performance mineral that is sharp, hard and tough. For metalworking finishing on stainless steel, nickel alloy, forged steel and aluminum.

## DynaCut Aluminum Oxide (A/O) Coated Abrasive Belts:

The most common mineral for general purpose applications, primarily on softer metals. For light and heavier grinding, plus blending on aluminum, carbon steel, brass and bronze.

## DynaCut Ceramic (CER) & Premium Ceramic (PCER) Coated Abrasive Belts:

Self-sharpening design lasts 50% to 200% longer than other belts. For light/heavier grinding, coatings removal on stainless steel, carbon steel, titanium, nickel alloy, chrome and inconel.

## DynaBrite® & DynaBrite® Premium Surface Conditioning (NWN) Belts:

Tough reinforced non-woven nylon impregnated with abrasive grain and resin. Ideal for surface conditioning, decorative finishing, light/heavy cleaning, blending and polishing.



| W x L<br>(Inches) | Belt<br>Type | Belt Brand         | COATED ABRASIVES |            |            |            |            |             |             |             |             | SURFACE<br>CONDITIONING (NWN) |        |              | Package<br>Quantity |
|-------------------|--------------|--------------------|------------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------------------------|--------|--------------|---------------------|
|                   |              |                    | 36<br>Grit       | 40<br>Grit | 50<br>Grit | 60<br>Grit | 80<br>Grit | 120<br>Grit | 180<br>Grit | 220<br>Grit | 320<br>Grit | Coarse                        | Medium | Very<br>Fine |                     |
| 1/8 x 12          | Z/A          | DynaCut            | •                | •          | •          | •          | 79004      | 79005       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/8 x 12          | A/O          | DynaCut            | •                | •          | •          | •          | 92206      | 92207       | 92208       | 92209       | 92210       | n/a                           | n/a    | n/a          | 50                  |
| 1/8 x 12          | PCER         | DynaCut Premium    | •                | •          | •          | •          | 79103      | 79183       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/8 x 18          | Z/A          | DynaCut            | •                | •          | •          | •          | 79024      | 79025       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/8 x 18          | A/O          | DynaCut            | •                | •          | •          | 90211      | 92228      | 92229       | 92232       | 92233       | 92234       | n/a                           | n/a    | n/a          | 50                  |
| 1/8 x 18          | PCER         | DynaCut Premium    | •                | •          | •          | •          | 79118      | 79186       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/8 x 18          | CER          | DynaCut Ceramic    | •                | •          | •          | 82553      | 82558      | 82563       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/8 x 24          | Z/A          | DynaCut            | •                | •          | •          | 79049      | 79054      | 79055       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/8 x 24          | A/O          | DynaCut            | •                | •          | •          | 90405      | 90407      | 90409       | 90410       | 90411       | 90412       | n/a                           | n/a    | n/a          | 50                  |
| 1/8 x 24          | PCER         | DynaCut Premium    | •                | •          | •          | 79139      | 79143      | 79191       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/8 x 24          | CER          | DynaCut Ceramic    | •                | •          | 82531      | 82572      | 82575      | 82578       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 12          | Z/A          | DynaCut            | •                | 79006      | •          | 79007      | 79008      | 79009       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 12          | A/O          | DynaCut            | •                | •          | •          | 91425      | 91426      | 91427       | 92118       | 92119       | 92120       | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 12          | PCER         | DynaCut Premium    | •                | 79104      | •          | 79105      | 79106      | 79184       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 12          | CER          | DynaCut Ceramic    | 82520            | 82521      | •          | 82522      | 82523      | 82524       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 18          | Z/A          | DynaCut            | 79070            | 79026      | •          | 79027      | 79028      | 79029       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 18          | A/O          | DynaCut            | •                | 91142      | •          | 91114      | 91115      | 91116       | 90224       | 90225       | 90226       | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 18          | PCER         | DynaCut Premium    | •                | 79119      | •          | 79120      | 79121      | 79187       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 18          | CER          | DynaCut Ceramic    | 82545            | 82549      | •          | 82554      | 82559      | 82564       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 18          | NWN          | DynaBrite®         |                  |            |            |            |            |             |             |             |             | 78015                         | 78016  | 78017        | 10                  |
| 1/4 x 18          | NWN          | DynaBrite® Premium |                  |            |            |            |            |             |             |             |             | 90231                         | 90229  | 90228        | 10                  |
| 1/4 x 24          | Z/A          | DynaCut            | 79046            | 79056      | •          | 79057      | 79058      | 79059       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 24          | A/O          | DynaCut            | •                | 91151      | •          | 91434      | 91435      | 91436       | 90423       | 90424       | 90425       | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 24          | PCER         | DynaCut Premium    | •                | 79144      | •          | 79145      | 79146      | 79192       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 24          | CER          | DynaCut Ceramic    | 82568            | 82570      | 82532      | 82573      | 82576      | 82579       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 24          | NWN          | DynaBrite®         |                  |            |            |            |            |             |             |             |             | 78045                         | 78046  | 78047        | 10                  |
| 1/4 x 24          | NWN          | DynaBrite® Premium |                  |            |            |            |            |             |             |             |             | 90460                         | 90433  | 90403        | 10                  |
| 1/4 x 30          | Z/A          | DynaCut            | •                | 92175      | •          | 92176      | 92177      | 92178       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 30          | A/O          | DynaCut            | •                | •          | •          | •          | •          | •           | 90471       | 90472       | 90473       | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 30          | PCER         | DynaCut Premium    | •                | •          | •          | •          | •          | •           | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 34          | A/O          | DynaCut            | •                | •          | •          | 90475      | 90477      | 90479       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 72          | Z/A          | DynaCut            | •                | 94807      | •          | 94771      | 94777      | 94789       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 72          | A/O          | DynaCut            | •                | •          | •          | •          | •          | •           | 94795       | 94801       | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/4 x 72          | NWN          | DynaBrite®         |                  |            |            |            |            |             |             |             |             | •                             | •      | 78084        | 10                  |
| 1/4 x 72          | NWN          | DynaBrite® Premium |                  |            |            |            |            |             |             |             |             | 79558                         | 79562  | 79566        | 10                  |

• Call for availability and pricing. n/a = Not Available. Ask about Super Fine Belts, also available!



# Narrow Abrasive Belts (Cont'd.)

Z/A = DynaCut Zirconia Alumina

A/O = DynaCut Aluminum Oxide

PCER = DynaCut Premium Ceramic

CER = DynaCut Ceramic

NWN = DynaBrite® & DynaBrite® Premium Surface Conditioning



| W x L<br>(Inches) | Belt<br>Type | Belt Brand         | COATED ABRASIVES |            |            |            |            |             |             |             |             | SURFACE<br>CONDITIONING (NWN) |        |              | Package<br>Quantity |
|-------------------|--------------|--------------------|------------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------------------------|--------|--------------|---------------------|
|                   |              |                    | 36<br>Grit       | 40<br>Grit | 50<br>Grit | 60<br>Grit | 80<br>Grit | 120<br>Grit | 180<br>Grit | 220<br>Grit | 320<br>Grit | Coarse                        | Medium | Very<br>Fine |                     |
| 3/8 x 13          | A/O          | DynaCut            | •                | •          | •          | 91162      | 91163      | 91164       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 3/8 x 13          | Z/A          | DynaCut            | •                | •          | •          | 79074      | 79075      | 79076       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 12          | Z/A          | DynaCut            | •                | 79010      | •          | 79011      | 79012      | 79013       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 12          | A/O          | DynaCut            | •                | •          | •          | 91428      | 91429      | 91430       | 92114       | 92115       | 92116       | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 12          | PCER         | DynaCut Premium    | •                | 79107      | •          | 79108      | 79109      | 79185       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 12          | CER          | DynaCut Ceramic    | 82525            | 82526      | •          | 82527      | 82528      | 82529       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 12          | NWN          | DynaBrite®         | →                | →          | →          | →          | →          | →           | →           | →           | →           | 78006                         | 78007  | 78008        | 10                  |
| 1/2 x 12          | NWN          | DynaBrite® Premium | →                | →          | →          | →          | →          | →           | →           | →           | →           | 90314                         | 90313  | 90312        | 10                  |
| 1/2 x 13          | A/O          | DynaCut            | •                | •          | •          | 91165      | 91166      | 91167       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 13          | Z/A          | DynaCut            | •                | •          | •          | 79077      | 79078      | 79079       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 18          | Z/A          | DynaCut            | 79015            | 79030      | •          | 79031      | 79032      | 79033       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 18          | A/O          | DynaCut            | •                | 91143      | •          | 91117      | 91118      | 91119       | 90244       | 90245       | 90246       | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 18          | PCER         | DynaCut Premium    | •                | 79122      | •          | 79123      | 79124      | 79188       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 18          | CER          | DynaCut Ceramic    | 82546            | 82550      | •          | 82555      | 82560      | 82565       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 18          | NWN          | DynaBrite®         | →                | →          | →          | →          | →          | →           | →           | →           | →           | 78019                         | 78020  | 78021        | 10                  |
| 1/2 x 18          | NWN          | DynaBrite® Premium | →                | →          | →          | →          | →          | →           | →           | →           | →           | 90297                         | 90292  | 90248        | 10                  |
| 1/2 x 24          | Z/A          | DynaCut            | 79047            | 79060      | •          | 79061      | 79062      | 79063       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 24          | A/O          | DynaCut            | 91149            | 91152      | •          | 91437      | 91438      | 91439       | 90449       | 90451       | 90453       | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 24          | PCER         | DynaCut Premium    | •                | 79147      | •          | 79148      | 79149      | 79193       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 24          | CER          | DynaCut Ceramic    | 82569            | 82571      | 82533      | 82574      | 82577      | 82580       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 24          | NWN          | DynaBrite®         | →                | →          | →          | →          | →          | →           | →           | →           | →           | 78049                         | 78050  | 78051        | 10                  |
| 1/2 x 24          | NWN          | DynaBrite® Premium | →                | →          | →          | →          | →          | →           | →           | →           | →           | 90461                         | 90434  | 90400        | 10                  |
| 1/2 x 30          | Z/A          | DynaCut            | •                | 92180      | •          | 92181      | 92182      | 92183       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 30          | A/O          | DynaCut            | •                | •          | •          | 90671      | 90672      | 90673       | 90493       | 90494       | 90496       | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 30          | PCER         | DynaCut Premium    | •                | 79166      | •          | 79167      | 79168      | •           | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 30          | NWN          | DynaBrite®         | →                | →          | →          | →          | →          | →           | →           | →           | →           | 78063                         | 78064  | 78065        | 10                  |
| 1/2 x 30          | NWN          | DynaBrite® Premium | →                | →          | →          | →          | →          | →           | →           | →           | →           | 90442                         | 90436  | 90406        | 10                  |
| 1/2 x 34          | A/O          | DynaCut            | •                | •          | •          | 90495      | 90497      | 90499       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 44          | A/O          | DynaCut            | •                | •          | •          | 90545      | 90547      | 90549       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 72          | Z/A          | DynaCut            | •                | 94808      | •          | 94772      | 94778      | 94790       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 72          | A/O          | DynaCut            | •                | •          | •          | •          | •          | •           | 94796       | 94802       | •           | n/a                           | n/a    | n/a          | 50                  |
| 1/2 x 72          | NWN          | DynaBrite®         | →                | →          | →          | →          | →          | →           | →           | →           | →           | 78086                         | 78087  | 78088        | 10                  |
| 3/4 x 18          | Z/A          | DynaCut            | 79017            | 79034      | •          | 79035      | 79036      | 79037       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 3/4 x 18          | A/O          | DynaCut            | •                | 91144      | •          | 91123      | 91124      | 91125       | 90254       | 90255       | 90256       | n/a                           | n/a    | n/a          | 50                  |
| 3/4 x 18          | PCER         | DynaCut Premium    | •                | 79125      | •          | 79126      | 79127      | 79189       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 3/4 x 18          | CER          | DynaCut Ceramic    | 82547            | 82551      | •          | 82556      | 82561      | 82566       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 3/4 x 18          | NWN          | DynaBrite®         | →                | →          | →          | →          | →          | →           | →           | →           | →           | 78024                         | 78025  | 78026        | 10                  |
| 3/4 x 18          | NWN          | DynaBrite® Premium | →                | →          | →          | →          | →          | →           | →           | →           | →           | 90299                         | 90294  | 90258        | 10                  |
| 3/4 x 20-1/2      | Z/A          | DynaCut            | •                | 90640      | •          | 90641      | 90642      | 90643       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 3/4 x 20-1/2      | A/O          | DynaCut            | •                | •          | •          | •          | •          | •           | 90334       | 90335       | 90336       | n/a                           | n/a    | n/a          | 50                  |
| 3/4 x 20-1/2      | PCER         | DynaCut Premium    | •                | 79133      | •          | 79134      | 79135      | •           | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 3/4 x 20-1/2      | NWN          | DynaBrite®         | →                | →          | →          | →          | →          | →           | →           | →           | →           | 78124                         | 78119  | 78118        | 50                  |
| 3/4 x 34          | A/O          | DynaCut            | •                | •          | •          | 90367      | 90368      | 90370       | •           | •           | •           | n/a                           | n/a    | n/a          | 50                  |
| 3/4 x 34          | NWN          | DynaBrite®         | →                | →          | →          | →          | →          | →           | →           | →           | →           | 78117                         | 78116  | 78115        | 50                  |

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# Narrow Abrasive Belts (Cont'd.)

Z/A = DynaCut Zirconia Alumina

A/O = DynaCut Aluminum Oxide

PCER = DynaCut Premium Ceramic

CER = DynaCut Ceramic

NWN = DynaBrite® & DynaBrite® Premium Surface Conditioning



|                |           |                    | COATED ABRASIVES |         |         |         |          |          |          |          | SURFACE CONDITIONING (NWN) |        |           | Package Quantity |
|----------------|-----------|--------------------|------------------|---------|---------|---------|----------|----------|----------|----------|----------------------------|--------|-----------|------------------|
| W x L (Inches) | Belt Type | Belt Brand         | 36 Grit          | 40 Grit | 60 Grit | 80 Grit | 120 Grit | 180 Grit | 220 Grit | 320 Grit | Coarse                     | Medium | Very Fine |                  |
| 1 x 11         | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 79554                      | 79547  | 79543     | 10               |
| 1 x 15-1/2     | Z/A       | DynaCut            | •                | 90194   | 90195   | 90196   | 90197    | •        | •        | •        | n/a                        | n/a    | n/a       | 50               |
| 1 x 15-1/2     | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 78078                      | 78079  | 78094     | 10               |
| 1 x 18         | Z/A       | DynaCut            | 79019            | 79038   | 79039   | 79040   | 79041    | •        | •        | •        | n/a                        | n/a    | n/a       | 50               |
| 1 x 18         | A/O       | DynaCut            | •                | 91150   | 91126   | 91127   | 91128    | 90288    | 90289    | 90290    | n/a                        | n/a    | n/a       | 50               |
| 1 x 18         | PCER      | DynaCut Premium    | •                | 79128   | 79129   | 79175   | 79190    | •        | •        | •        | n/a                        | n/a    | n/a       | 50               |
| 1 x 18         | CER       | DynaCut Ceramic    | 82548            | 82552   | 82557   | 82562   | 82567    | •        | •        | •        | n/a                        | n/a    | n/a       | 50               |
| 1 x 18         | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 78029                      | 78030  | 78031     | 10               |
| 1 x 18         | NWN       | DynaBrite® Premium |                  |         |         |         |          |          |          |          | 90300                      | 90295  | 90259     | 10               |
| 1 x 24         | Z/A       | DynaCut            | •                | 79064   | 79065   | 79066   | 79067    | •        | •        | •        | n/a                        | n/a    | n/a       | 50               |
| 1 x 24         | A/O       | DynaCut            | •                | 91153   | •       | •       | •        | 90486    | 90487    | 90488    | n/a                        | n/a    | n/a       | 50               |
| 1 x 24         | PCER      | DynaCut Premium    | •                | 79150   | 79151   | 79152   | 79194    | •        | •        | •        | n/a                        | n/a    | n/a       | 50               |
| 1 x 24         | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 78054                      | 78055  | 78056     | 10               |
| 1 x 24         | NWN       | DynaBrite® Premium |                  |         |         |         |          |          |          |          | 90462                      | 90416  | 90402     | 10               |
| 1 x 30         | Z/A       | DynaCut            | •                | 92185   | 92186   | 92187   | 92188    | •        | •        | •        | n/a                        | n/a    | n/a       | 50               |
| 1 x 30         | A/O       | DynaCut            | •                | •       | 90674   | 90675   | 90676    | 90512    | 90513    | 90514    | n/a                        | n/a    | n/a       | 50               |
| 1 x 30         | PCER      | DynaCut Premium    | •                | 79169   | 79170   | 79171   | •        | •        | •        | •        | n/a                        | n/a    | n/a       | 50               |
| 1 x 30         | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 78066                      | 78067  | 78068     | 10               |
| 1 x 30         | NWN       | DynaBrite® Premium |                  |         |         |         |          |          |          |          | 90444                      | 90437  | 90401     | 10               |
| 1 x 72         | Z/A       | DynaCut            | •                | 94809   | 94773   | 94779   | 94791    | •        | •        | •        | n/a                        | n/a    | n/a       | 10               |
| 1 x 72         | A/O       | DynaCut            | •                | •       | •       | •       | •        | 94797    | 94803    | •        | n/a                        | n/a    | n/a       | 10               |
| 1 x 72         | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 78090                      | 78091  | 78092     | 1                |
| 1-1/2 x 15-1/2 | Z/A       | DynaCut            | •                | 90190   | 90191   | 90192   | 90193    | •        | •        | •        | n/a                        | n/a    | n/a       | 50               |
| 1-1/2 x 15-1/2 | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 78095                      | 78096  | 78097     | 10               |
| 1-1/2 x 24     | A/O       | DynaCut            | •                | •       | 91632   | 91633   | 91634    | 91635    | 91628    | 91629    | n/a                        | n/a    | n/a       | 10               |
| 2 x 15-1/2     | Z/A       | DynaCut            | •                | 90198   | 90199   | 90200   | 90201    | •        | •        | •        | n/a                        | n/a    | n/a       | 50               |
| 2 x 15-1/2     | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 79322                      | 79323  | 79324     | 10               |
| 2 x 30         | Z/A       | DynaCut            | •                | 92190   | 92191   | 92192   | 92193    | •        | •        | •        | n/a                        | n/a    | n/a       | 10               |
| 2 x 30         | A/O       | DynaCut            | •                | •       | 90677   | 90678   | 90679    | 90390    | 90391    | 90392    | n/a                        | n/a    | n/a       | 10               |
| 2 x 30         | PCER      | DynaCut Premium    | •                | 79172   | 79173   | 79174   | 79159    | •        | •        | •        | n/a                        | n/a    | n/a       | 10               |
| 2 x 30         | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 78069                      | 78070  | 78071     | 1                |
| 2 x 30         | NWN       | DynaBrite® Premium |                  |         |         |         |          |          |          |          | 90448                      | 90438  | 90414     | 1                |
| 2 x 34         | Z/A       | DynaCut            | 90360            | 90362   | 90363   | 90364   | 90372    | •        | •        | •        | n/a                        | n/a    | n/a       | 10               |
| 2 x 34         | A/O       | DynaCut            | •                | 90376   | 90377   | 90378   | 90380    | 90381    | 90375    | 90388    | n/a                        | n/a    | n/a       | 10               |
| 2 x 34         | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 78075                      | 78076  | 78077     | 1                |
| 2 x 36         | A/O       | DynaCut            | •                | •       | 91637   | 91638   | 91639    | 91640    | 91641    | 91642    | n/a                        | n/a    | n/a       | 10               |
| 2 x 42         | A/O       | DynaCut            | •                | 81002   | 81004   | 81005   | 81007    | 81009    | 81010    | 81012    | n/a                        | n/a    | n/a       | 10               |
| 2 x 45         | A/O       | DynaCut            | •                | 90348   | 90349   | 90350   | 90352    | •        | •        | •        | n/a                        | n/a    | n/a       | 10               |
| 2 x 48         | A/O       | DynaCut            | •                | •       | 91643   | 91644   | 91645    | 91646    | 91647    | 91648    | n/a                        | n/a    | n/a       | 10               |
| 2 x 48         | Z/A       | DynaCut            | •                | •       | 91652   | 91655   | 91656    | •        | •        | •        | n/a                        | n/a    | n/a       | 10               |
| 2 x 48         | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 81237                      | 81238  | 81239     | 1                |
| 2 x 60         | A/O       | DynaCut            | •                | 81030   | 81032   | 81033   | 81035    | 81037    | 81038    | 81040    | n/a                        | n/a    | n/a       | 10               |
| 2 x 60         | NWN       | DynaBrite®         |                  |         |         |         |          |          |          |          | 81242                      | 81243  | 81244     | 1                |

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# Narrow Abrasive Belts (Cont'd.)

Z/A = DynaCut Zirconia Alumina

A/O = DynaCut Aluminum Oxide

PCER = DynaCut Premium Ceramic

CER = DynaCut Ceramic

NWN = DynaBrite® & DynaBrite® Premium Surface Conditioning



| W x L<br>(Inches) | Belt<br>Type | Belt Brand         | COATED ABRASIVES |            |            |            |             |             |             |             | SURFACE<br>CONDITIONING (NWN) |        |              | Package<br>Quantity |
|-------------------|--------------|--------------------|------------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------------------------|--------|--------------|---------------------|
|                   |              |                    | 36<br>Grit       | 40<br>Grit | 60<br>Grit | 80<br>Grit | 120<br>Grit | 180<br>Grit | 220<br>Grit | 320<br>Grit | Coarse                        | Medium | Very<br>Fine |                     |
| 2 x 72            | Z/A          | DynaCut            | •                | 94811      | 94775      | 94781      | 94793       | •           | •           | •           | n/a                           | n/a    | n/a          | 10                  |
| 2 x 72            | A/O          | DynaCut            | •                | •          | •          | •          | •           | 94799       | 94805       | •           | n/a                           | n/a    | n/a          | 10                  |
| 2 x 72            | NWN          | DynaBrite®         | →                | →          | →          | →          | →           | →           | →           | →           | 78080                         | 78081  | 78082        | 1                   |
| 2 x 132           | A/O          | DynaCut            | •                | 81044      | 81046      | 81047      | 81049       | 81051       | 81052       | 81054       | n/a                           | n/a    | n/a          | 10                  |
| 2-1/4 x 9-3/4     | Z/A          | DynaCut            | •                | 92259      | 92260      | 92261      | 92262       | •           | •           | •           | n/a                           | n/a    | n/a          | 10                  |
| 2-1/4 x 9-3/4     | NWN          | DynaBrite®         | →                | →          | →          | →          | →           | →           | →           | →           | •                             | 90095  | 90094        | 1                   |
| 2-3/4 x 15-1/2    | Z/A          | DynaCut            | •                | 90009      | 90017      | 90018      | 90020       | •           | •           | •           | n/a                           | n/a    | n/a          | 10                  |
| 2-3/4 x 15-1/2    | A/O          | DynaCut            | •                | •          | 90076      | 90077      | 90078       | 90026       | 90011       | 90012       | n/a                           | n/a    | n/a          | 10                  |
| 2-3/4 x 15-1/2    | NWN          | DynaBrite®         | →                | →          | →          | →          | →           | →           | →           | →           | 90023                         | 90022  | 90021        | 1                   |
| 2-3/4 x 15-1/2    | NWN          | DynaBrite® Premium | →                | →          | →          | →          | →           | →           | →           | →           | 89233                         | 89232  | 89231        | 1                   |
| 3 x 7-3/8         | Z/A          | DynaCut            | •                | 90630      | 90631      | 90632      | 90633       | •           | •           | •           | n/a                           | n/a    | n/a          | 10                  |
| 3 x 7-3/8         | A/O          | DynaCut            | •                | •          | •          | •          | •           | 90634       | 90635       | 90636       | n/a                           | n/a    | n/a          | 10                  |
| 3 x 7-3/8         | NWN          | DynaBrite®         | →                | →          | →          | →          | →           | →           | →           | →           | •                             | 90092  | 90091        | 1                   |
| 3 x 10-11/16      | Z/A          | DynaCut            | •                | 92100      | 92101      | 92102      | 92103       | •           | •           | •           | n/a                           | n/a    | n/a          | 10                  |
| 3 x 10-11/16      | A/O          | DynaCut            | •                | •          | 90613      | 90614      | 90615       | 90268       | 90269       | 90270       | n/a                           | n/a    | n/a          | 10                  |
| 3 x 10-11/16      | NWN          | DynaBrite®         | →                | →          | →          | →          | →           | →           | →           | →           | 90239                         | 90238  | 90237        | 1                   |
| 3 x 10-11/16      | NWN          | DynaBrite® Premium | →                | →          | →          | →          | →           | →           | →           | →           | 89213                         | 89212  | 89211        | 1                   |
| 3 x 21            | A/O          | DynaCut            | •                | 91184      | 91185      | 91186      | 91187       | •           | •           | •           | n/a                           | n/a    | n/a          | 10                  |
| 3 x 24            | Z/A          | DynaCut            | 79043            | 79050      | 79051      | 79052      | 79053       | •           | •           | •           | n/a                           | n/a    | n/a          | 10                  |
| 3 x 24            | NWN          | DynaBrite®         | →                | →          | →          | →          | →           | →           | →           | →           | 78040                         | 78041  | 78042        | 1                   |
| 3 x 24            | NWN          | DynaBrite® Premium | →                | →          | →          | →          | →           | →           | →           | →           | 90459                         | 90458  | 90404        | 1                   |
| 3 x 132           | A/O          | DynaCut            | •                | 81058      | 81060      | 81061      | 81063       | 81065       | 81066       | 81068       | n/a                           | n/a    | n/a          | 10                  |
| 3-1/2 x 15-1/2    | Z/A          | DynaCut            | 90266            | 90267      | 90272      | 90273      | 90275       | •           | •           | •           | n/a                           | n/a    | n/a          | 10                  |
| 3-1/2 x 15-1/2    | A/O          | DynaCut            | 90346            | 90347      | 90353      | 90354      | 90355       | 90277       | 90338       | 90339       | n/a                           | n/a    | n/a          | 10                  |
| 3-1/2 x 15-1/2    | PCER         | DynaCut Premium    | 79195            | •          | 79196      | 79197      | 79199       | •           | •           | •           | n/a                           | n/a    | n/a          | 10                  |
| 3-1/2 x 15-1/2    | NWN          | DynaBrite®         | →                | →          | →          | →          | →           | →           | →           | →           | 90283                         | 90282  | 90281        | 1                   |
| 3-1/2 x 15-1/2    | NWN          | DynaBrite® Premium | →                | →          | →          | →          | →           | →           | →           | →           | 89243                         | 89242  | 89241        | 1                   |
| 4 x 36            | A/O          | DynaCut            | 81071            | 81072      | 81074      | 81075      | 81077       | 81079       | 81080       | 81082       | n/a                           | n/a    | n/a          | 5                   |
| 4 x 104           | A/O          | DynaCut            | 81085            | 81086      | 81088      | 81089      | 81091       | 81093       | 81094       | 81096       | n/a                           | n/a    | n/a          | 5                   |
| 4 x 106           | A/O          | DynaCut            | 81099            | 81100      | 81102      | 81103      | 81105       | 81107       | 81108       | 81110       | n/a                           | n/a    | n/a          | 5                   |
| 4 x 132           | A/O          | DynaCut            | 81113            | 81114      | 81116      | 81117      | 81119       | 81121       | 81122       | 81124       | n/a                           | n/a    | n/a          | 5                   |
| 4 x 168           | A/O          | DynaCut            | 81127            | 81128      | 81130      | 81131      | 81133       | 81135       | 81136       | 81138       | n/a                           | n/a    | n/a          | 5                   |
| 6 x 48            | A/O          | DynaCut            | •                | 81142      | 81144      | 81145      | 81147       | 81149       | 81150       | 81152       | n/a                           | n/a    | n/a          | 5                   |
| 7 x 10-11/16      | A/O          | DynaCut            | •                | •          | •          | •          | 90600       | 90601       | •           | 90602       | n/a                           | n/a    | n/a          | 10                  |
| 7 x 10-11/16      | NWN          | DynaBrite®         | →                | →          | →          | →          | →           | →           | →           | →           | 90099                         | 90098  | 90097        | 1                   |
| 7 x 15-1/2        | A/O          | DynaCut            | •                | •          | •          | •          | 90603       | 90604       | •           | 90605       | n/a                           | n/a    | n/a          | 10                  |
| 9 x 26-5/16       | A/O          | DynaCut            | •                | •          | •          | •          | 90606       | 90607       | •           | 90608       | n/a                           | n/a    | n/a          | 10                  |

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# DynaCut Scalloped-Edge Narrow Abrasive Belts

## DynaCut Ceramic (CER) Coated Abrasive Belts

Self-sharpening design lasts 50% to 200% longer than other belts. Belts with Scalloped-Edge design provide easier access and faster stock removal, with less undercutting. They are ideal for grinding and finishing right angle welds in confined areas such as fittings, mainways, frames and bracings. Also utilized for leveling, blending and finishing right angle welds on stainless steel and other materials.



|                |           |            | CERAMIC COATED ABRASIVES |         |          | Package Quantity |
|----------------|-----------|------------|--------------------------|---------|----------|------------------|
| W x L (Inches) | Belt Type | Belt Brand | 60 Grit                  | 80 Grit | 120 Grit |                  |
| 1/2 x 12       | CER       | DynaCut    | 92152                    | 92153   | 92154    | 25               |
| 1/2 x 18       | CER       | DynaCut    | 92149                    | 92150   | 92151    | 25               |
| 1/2 x 24       | CER       | DynaCut    | 91384                    | 91385   | 91386    | 25               |

# DynaCut MicroMesh Abrasive Belts

## Dynabrade Silicon Carbide (S/C) Coated Abrasive Belts

Silicon Carbide creates a thinner scratch pattern than Aluminum Oxide, due to its sharper grain. Silicon Carbide cuts faster, but does not last as long as Aluminum Oxide.



|                |           |            | SILICON CARBIDE COATED ABRASIVES |        |        |        |        | Package Quantity |
|----------------|-----------|------------|----------------------------------|--------|--------|--------|--------|------------------|
| W x L (Inches) | Belt Type | Belt Brand | 80 MX                            | 100 MX | 240 MX | 400 MX | 600 MX |                  |
| 1 x 18         | S/C       | DynaCut    | 78186                            | 78187  | 78188  | 78189  | •      | 10               |
| 2 x 72         | S/C       | DynaCut    | 78238                            | 78239  | 78240  | 78241  | 78242  | 10               |
| 3-1/2 x 15-1/2 | S/C       | DynaCut    | 78226                            | 78227  | 78228  | 78229  | 78230  | 10               |

• Call for availability and pricing.

ABRASIVEDGE

# Finish First with Dynabrade!

**GRIND • DEBURR • BLEND • POLISH • SURFACE CONDITION**



**"THE ORIGINAL" DYNAFILE®**  
Accepts over 35 interchangeable contact arms for hundreds of uses. 20,000 RPM.



**DYNAFILE® II**  
Grinding head pivots 360°; 7° offset handle. Easily converts to Die Grinder and Drill.



**DYNAFILE® III**  
.7 hp motor for heavy-duty use. Includes side handle for comfortable two-hand operation.

# Discover The Dynabrade Difference!

# Random Orbital Sander Abrasive Discs

## DynaCut Aluminum Oxide Paper-Backed Coated Abrasive Discs

The most common mineral for general purpose applications.  
Ideal for sanding on bare wood, metal, plastic and fiberglass.  
Also used to prepare primed and painted surfaces for finishing.



| ALUMINUM OXIDE COATED ABRASIVES |                 |                            |         |         |         |         |          |          |          |          |          |                  |
|---------------------------------|-----------------|----------------------------|---------|---------|---------|---------|----------|----------|----------|----------|----------|------------------|
| Diameter (Inches)               | Attachment Type | Vacuum Type (No. of Holes) | 36 Grit | 40 Grit | 60 Grit | 80 Grit | 120 Grit | 150 Grit | 180 Grit | 220 Grit | 320 Grit | Package Quantity |
| 3                               | PSA             | Vacuum (6)                 | •       | •       | •       | 93682   | 93683    | 93684    | 93685    | 93633    | 93634    | 50               |
| 3                               | Hook            | Vacuum (6)                 | •       | •       | •       | 93665   | 93666    | 93667    | 93668    | 93636    | 93637    | 50               |
| 3                               | Hook            | Non-Vacuum                 | •       | •       | 92074   | 92075   | 92076    | 92077    | 92078    | 92079    | 92080    | 50               |
| 3                               | Hook            | Vacuum (3)                 | •       | •       | 92081   | 92056   | 92057    | 92082    | 92058    | 92059    | 92060    | 50               |
| 3-1/2                           | PSA             | Non-Vacuum                 | •       | •       | •       | 79900   | 79901    | 79905    | 79902    | 79903    | 79904    | Box/100 Pcs.     |
| 3-1/2                           | PSA             | Non-Vacuum                 | •       | •       | •       | 79230   | 79231    | 79235    | 79232    | 79233    | 79234    | Roll/100 Pcs.    |
| 3-1/2                           | Hook            | Non-Vacuum                 | •       | •       | •       | 79935   | 79936    | 79906    | 79937    | 79938    | 79939    | Box/100 Pcs.     |
| 5                               | PSA             | Non-Vacuum                 | •       | •       | 79967   | 79910   | 79911    | 79914    | 79912    | 79913    | 79907    | Box/100 Pcs.     |
| 5                               | PSA             | Non-Vacuum                 | •       | •       | •       | 79240   | 79241    | 79246    | 79242    | 79243    | 79981    | Roll/100 Pcs.    |
| 5                               | PSA             | Vacuum (5)                 | •       | •       | 79968   | 79915   | 79916    | 79919    | 79917    | 79918    | 79908    | Box/100 Pcs.     |
| 5                               | PSA             | Vacuum (5)                 | •       | •       | •       | 79245   | 79247    | 79248    | 79249    | 79250    | 79982    | Roll/100 Pcs.    |
| 5                               | Hook            | Non-Vacuum                 | •       | •       | 79969   | 79941   | 79942    | 79945    | 79943    | 79944    | 79909    | Box/100 Pcs.     |
| 5                               | Hook            | Vacuum (5)                 | •       | •       | 79976   | 79946   | 79947    | 79950    | 79948    | 79949    | 79930    | Box/100 Pcs.     |
| 5                               | Hook            | Multi-Hole Vac             | •       | •       | •       | 79961   | 79962    | 79963    | 79964    | 79965    | 79966    | Box/100 Pcs.     |
| 6                               | PSA             | Non-Vacuum                 | •       | •       | 79977   | 79920   | 79921    | 79924    | 79922    | 79923    | 79931    | Box/100 Pcs.     |
| 6                               | PSA             | Non-Vacuum                 | •       | •       | •       | 79252   | 79254    | 79255    | 79256    | 79257    | 79983    | Roll/100 Pcs.    |
| 6                               | PSA             | Vacuum (6)                 | •       | •       | 79978   | 79925   | 79926    | 79929    | 79927    | 79928    | 79932    | Box/100 Pcs.     |
| 6                               | PSA             | Vacuum (6)                 | •       | •       | •       | 79259   | 79261    | 79262    | 79263    | 79264    | 79984    | Roll/100 Pcs.    |
| 6                               | Hook            | Non-Vacuum                 | •       | •       | 79979   | 79951   | 79952    | 79955    | 79953    | 79954    | 79933    | Box/100 Pcs.     |
| 6                               | Hook            | Vacuum (6)                 | •       | •       | 79980   | 79956   | 79957    | 79960    | 79958    | 79959    | 79934    | Box/100 Pcs.     |
| 6                               | Hook            | Multi-Hole Vac             | •       | •       | •       | 79970   | 79971    | 79972    | 79973    | 79974    | 79975    | Box/100 Pcs.     |
| 8                               | PSA             | Non-Vacuum                 | •       | 91235   | 91236   | 91237   | 91239    | 91240    | 91241    | 91242    | 91243    | 25               |
| 8                               | PSA             | Vacuum (8)                 | •       | 91247   | 91238   | 91249   | 91251    | 91244    | 91245    | 91246    | 91248    | 25               |
| 8                               | Hook            | Non-Vacuum                 | •       | 91444   | 91445   | 91446   | 91448    | 91250    | 91252    | 91253    | 91254    | 25               |
| 8                               | Hook            | Vacuum (8)                 | •       | 91456   | 91457   | 91458   | 91460    | 91255    | 91256    | 91257    | 91258    | 25               |
| 11-1/4                          | Hook            | Non-Vacuum                 | 91315   | •       | 91316   | 91300   | 91301    | 91307    | 91302    | 91308    | 91311    | 10               |
| 11-1/4                          | Hook            | Vacuum (0-Style)           | 91317   | •       | 91318   | 91303   | 91304    | 91313    | 91305    | 91306    | 91314    | 10               |
| 11-1/4                          | Hook            | Vacuum (5)                 | •       | •       | •       | 91310   | 91309    | •        | •        | •        | •        | 10               |

ABRASIVEDGE

## DynaCut Aluminum Oxide Film-Backed Abrasive Discs

| Diameter (Inches) | Attachment Type | Vacuum Type         | 36 Grit | 40 Grit | 60 Grit | 80 Grit | 100 Grit | 120 Grit | 150 Grit | 180 Grit | 240 Grit | 320 Grit | 400 Grit | Package Quantity |
|-------------------|-----------------|---------------------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|------------------|
| 5                 | PSA             | Non-Vacuum          | •       | •       | 82454   | 82455   | 82456    | 82457    | 82458    | 82459    | 82460    | 82461    | 82462    | Box/100 Pcs.     |
| 5                 | PSA             | Vacuum (5)          | •       | •       | 82465   | 82466   | 82467    | 82468    | 82469    | 82470    | 82471    | 82472    | 82473    | Box/100 Pcs.     |
| 5                 | Hook            | Non-Vacuum          | •       | •       | 82427   | 82428   | 82429    | 82430    | 82431    | 82432    | 82434    | 82435    | 82436    | Box/100 Pcs.     |
| 5                 | Hook            | Vacuum (Multi-Hole) | •       | •       | 79359   | 79360   | 79361    | 79362    | 79363    | 79364    | 79366    | 79367    | 79368    | Box/100 Pcs.     |
| 6                 | PSA             | Non-Vacuum          | •       | •       | 82476   | 82477   | 82478    | 82479    | 82480    | 82481    | 82482    | 82483    | 82484    | Box/100 Pcs.     |
| 6                 | PSA             | Vacuum (6)          | •       | •       | 82487   | 82488   | 82489    | 82490    | 82491    | 82492    | 82493    | 82494    | 82495    | Box/100 Pcs.     |
| 6                 | Hook            | Non-Vacuum          | •       | •       | 82442   | 82443   | 82444    | 82445    | 82446    | 82447    | 82449    | 82450    | 82451    | Box/100 Pcs.     |
| 6                 | Hook            | Vacuum (Multi-Hole) | •       | •       | 79374   | 79375   | 79376    | 79377    | 79378    | 79379    | 79381    | 79382    | 79383    | Box/100 Pcs.     |

• Call for availability and pricing.

# Random Orbital Sander Abrasive Discs (Cont'd.)

## Dynabrade Aluminum Oxide Microfinishing Discs

| Diameter (Inches) | Attachment Type | Vacuum Type (No. of Holes) | 100 Micron | 80 Micron | 60 Micron | 30 Micron | 15 Micron | Package Quantity |
|-------------------|-----------------|----------------------------|------------|-----------|-----------|-----------|-----------|------------------|
| 11-1/4            | Hook            | Non-Vacuum                 | 91320      | 91321     | 91322     | 91323     | 91324     | 10               |
| 11-1/4            | Hook            | Vacuum (0-Style)           | 91325      | 91326     | 91327     | 91328     | 91329     | 10               |

## Dynabrade Aluminum Oxide Clear Coat Repair Discs

Aluminum Oxide paper-backed discs ideal for spot repair and dust nib repair.

| Diameter (Inches) | Attachment Type | Vacuum Type | 5 Micron Grade | Package Quantity |
|-------------------|-----------------|-------------|----------------|------------------|
| 1-1/4             | PSA             | Non-Vacuum  | 93193          | 500/Roll         |

## DynaCut Silicon Carbide Coated Abrasive Discs

Silicon Carbide creates a thinner scratch pattern than Aluminum Oxide, due to its sharper grain. Silcon Carbide cuts faster, but does not last as long as Aluminum Oxide.

| SILICON CARBIDE COATED ABRASIVES |                 |             |         |         |         |         |          |          |          |          |          | Package Quantity |
|----------------------------------|-----------------|-------------|---------|---------|---------|---------|----------|----------|----------|----------|----------|------------------|
| Diameter (Inches)                | Attachment Type | Vacuum Type | 36 Grit | 40 Grit | 60 Grit | 80 Grit | 120 Grit | 150 Grit | 180 Grit | 220 Grit | 320 Grit |                  |
| 3/4                              | PSA             | Non-Vacuum  | •       | •       | •       | 78160   | 78161    | •        | 78162    | 78163    | •        | Sheet/75 Pcs     |
| 1-1/4                            | PSA             | Non-Vacuum  | •       | •       | •       | 78165   | 78166    | •        | 78167    | 78168    | •        | Sheet/25 Pcs     |

## DynaCut Scalloped-Edge Aluminum Oxide Coated Abrasive Discs

Scalloped-Edge Discs (when paired with Dynabrade Radius Edge Pads) conform to the shape of coves and corners. Ideal for use on backsplash corners, countertop coves, bowls, sinks, and rounded fiberglass corners.

| ALUMINUM OXIDE COATED ABRASIVES |                 |                            |         |          |          |            |           |           |           |           |          | Package Quantity |
|---------------------------------|-----------------|----------------------------|---------|----------|----------|------------|-----------|-----------|-----------|-----------|----------|------------------|
| Diameter (Inches)               | Attachment Type | Vacuum Type (No. of Holes) | 80 Grit | 100 Grit | 120 Grit | 100 Micron | 80 Micron | 60 Micron | 30 Micron | 15 Micron | 9 Micron |                  |
| 3-1/2                           | Hook            | Non-Vacuum                 | 92580   | •        | 92581    | 92582      | •         | 92583     | 92584     | •         | •        | 50               |
| 5                               | Hook            | Non-Vacuum                 | 92590   | 92597    | 92591    | 92592      | 92587     | 92593     | 92594     | 92588     | 92589    | 50               |
| 5                               | Hook            | Vacuum (5)                 | 92600   | •        | 92601    | 92602      | •         | 92603     | 92604     | •         | •        | 50               |

## DynaBrite® Scalloped-Edge Non-Woven Nylon Surface Conditioning Discs

| SURFACE CONDITIONING (NWN) |                 |                            |               |           |  | Package Quantity |
|----------------------------|-----------------|----------------------------|---------------|-----------|--|------------------|
| Diameter (Inches)          | Attachment Type | Vacuum Type (No. of Holes) | Medium Maroon | Fine Gray |  |                  |
| 3-1/2                      | Hook            | Non-Vacuum                 | 92585         | 92586     |  | 10               |
| 5                          | Hook            | Non-Vacuum                 | 92595         | 92596     |  | 10               |
| 5                          | Hook            | Vacuum (5)                 | 92605         | 92606     |  | 10               |

## DynaBrite® Non-Woven Nylon Surface Conditioning Discs

Ideal for surface conditioning, decorative finishing, light/heavy cleaning, blending and polishing.

| SURFACE CONDITIONING (NWN) |                 |             |                |                 |                  |                  |
|----------------------------|-----------------|-------------|----------------|-----------------|------------------|------------------|
| Diameter (Inches)          | Attachment Type | Vacuum Type | Coarse (Brown) | Medium (Maroon) | Very Fine (Blue) | Package Quantity |
| 5                          | Hook            | Non-Vacuum  | 78414          | 78415           | 78416            | 10               |
| 6                          | Hook            | Non-Vacuum  | 78417          | 78418           | 78419            | 10               |
| 7                          | Hook            | Non-Vacuum  | 78420          | 78421           | 78422            | 10               |

• Call for availability and pricing.



# DynaCut Sheets

For light deburring and scouring, rust removal, blending machine tool marks, fine sanding and polishing.

**A/O = DynaCut Aluminum Oxide**

**S/C = Silicon Carbide**



Dynabug® II

|                    |            |                 |                            | COATED ABRASIVES |         |          |          |          |          |          |          |          | Package Quantity |
|--------------------|------------|-----------------|----------------------------|------------------|---------|----------|----------|----------|----------|----------|----------|----------|------------------|
| Dimensions (W x L) | Sheet Type | Attachment Type | Vacuum Type (No. of Holes) | 60 Grit          | 80 Grit | 100 Grit | 120 Grit | 150 Grit | 180 Grit | 220 Grit | 320 Grit | 400 Grit |                  |
| 75 mm x 110 mm     | A/O        | PSA             | Non-Vacuum                 | 93751            | 93752   | 93753    | 93754    | 93760    | 93761    | 93762    | 93763    | 93709    | 50               |
| 75 mm x 110 mm     | A/O        | PSA             | Vacuum (4)                 | 93755            | 93756   | 93757    | 93758    | 93765    | 93766    | 93767    | 93768    | 93759    | 50               |
| 75 mm x 110 mm     | A/O        | Hook-Face       | Non-Vacuum                 | 93781            | 93783   | 93782    | 93784    | 93785    | 93786    | 93787    | 93788    | 93789    | 50               |
| 75 mm x 110 mm     | A/O        | Hook-Face       | Vacuum (4)                 | 93790            | 93800   | 93802    | 93779    | 93890    | 93891    | 93892    | 93893    | 93805    | 50               |
| 81 mm x 133 mm     | A/O        | PSA             | Non-Vacuum                 | 93806            | 93807   | 93808    | 93809    | 93770    | 93771    | 93772    | 93773    | 93818    | 50               |
| 81 mm x 133 mm     | A/O        | PSA             | Vacuum (8)                 | 93819            | 93828   | 93829    | 93834    | 93775    | 93776    | 93777    | 93778    | 93839    | 50               |
| 81 mm x 133 mm     | A/O        | Hook-Face       | Non-Vacuum                 | 93844            | 93845   | 93846    | 93847    | 93791    | 93792    | 93793    | 93794    | 93848    | 50               |
| 81 mm x 133 mm     | A/O        | Hook-Face       | Vacuum (8)                 | 93849            | 93858   | 93859    | 93864    | 93895    | 93896    | 93897    | 93898    | 93865    | 50               |
| 81 mm x 133 mm     | A/O        | Hook-Face       | Vacuum (4+4)               | 93866            | 93867   | 93868    | 93869    | 93934    | 93935    | 93936    | 93937    | 93874    | 50               |
| *2-3/4" x 8"       | A/O        | PSA             | Non-Vacuum                 | •                | 93700   | •        | 93702    | 93703    | 93704    | 93705    | 93706    | •        | 50               |
| *2-3/4" x 8"       | A/O        | PSA             | Vacuum (6)                 | •                | 93710   | •        | 93712    | 93713    | 93714    | 93715    | 93716    | •        | 50               |
| 3-1/2" x 2-3/4"    | S/C        | PSA             | Non-Vacuum                 | •                | •       | •        | 93130    | 93131    | 93132    | •        | •        | •        | 50               |
| *3-2/3" x 7"       | A/O        | PSA             | Non-Vacuum                 | 93005            | 93810   |          | 93812    | 93813    | 93814    | 93815    | 93816    | 93817    | 50               |
| *3-2/3" x 7"       | A/O        | Hook-Face       | Non-Vacuum                 | 93006            | 93007   | 93801    | 93008    | 93803    | 93804    | 93009    | 93014    | 93015    | 50               |
| 100 mm x 148 mm    | A/O        | Hook-Face       | Vacuum (7 - Delta)         | 93875            | 93876   | 93877    | 93878    | 93796    | 93797    | 93798    | 93799    | 93879    | 10               |
| 4-1/2" x 4-1/4"    | A/O        | Hook-Face       | Non-Vacuum                 | •                | 93850   | •        | 93851    | •        | 93852    | •        | 93853    | •        | 10               |
| 9" x 11"           | A/O        | n/a             | Non-Vacuum                 | •                | 93016   | 93017    | 93018    | 93019    | 93020    | 93021    | 93022    | 93023    | 50               |

• Call for availability and pricing.

\*Vacuum Punch Plates

## DynaBrite® General Purpose Hand Pads

Dynabrade's NEW DynaBrite® Hand Pads can be utilized for a wide variety of applications. Excellent for cleaning and finishing on machinery and tools. Also cleaning of solid surfaces and natural stone work pieces. Ideal for graining, denibbing, defuzzing, and rust removal on a variety of materials. May be used by hand, or attached to an in-line or jitterbug-type sander. Abrasive material is fine grade aluminum oxide (maroon color).



| Dimensions (W x L) | Order Number | Package Quantity       |
|--------------------|--------------|------------------------|
| 6" x 9"            | 79448        | 1 Box / 20 Pads        |
| 6" x 9"            | 79447        | 3 Boxes / 60 Pads      |
| 6" x 9"            | 79449        | 144 Boxes / 2,880 Pads |



ABRASIVEDGE

# DynaCut Aluminum Oxide Coated Abrasives

The most common mineral for general purpose applications. Ideal for finishing of carbon fiber, wood, metal and fiberglass. Vacuum abrasives allow source capture of dust, debris and contaminants.



|                |                 |                            | ALUMINUM OXIDE COATED ABRASIVES |          |          |          |          |          |          | Package Quantity |
|----------------|-----------------|----------------------------|---------------------------------|----------|----------|----------|----------|----------|----------|------------------|
| Abrasive Shape | Attachment Type | Vacuum Type (No. of Holes) | 80 Grit                         | 120 Grit | 150 Grit | 180 Grit | 220 Grit | 320 Grit | 400 Grit |                  |
| Tear-Drop      | PSA             | Non-Vacuum                 | 93993                           | 93994    | 93995    | 93996    | 93998    | 93999    | 94000    | 50               |
| Tear-Drop      | PSA             | Vacuum (6)                 | 93690                           | 93691    | 93692    | 93693    | 93694    | 93695    | 93697    | 50               |
| Tear-Drop      | Hook            | Non-Vacuum                 | 93953                           | 93954    | 93955    | 93956    | 93957    | 93958    | 93959    | 50               |
| Tear-Drop      | Hook            | Vacuum (6)                 | 93678                           | 93679    | 93680    | 93681    | 93698    | 93699    | 93701    | 50               |
| Triangular     | PSA             | Non-Vacuum                 | 93983                           | 93984    | 93985    | 93986    | 93987    | 93988    | 93989    | 50               |
| Triangular     | PSA             | Vacuum (6)                 | 93639                           | 93640    | 93641    | 93642    | 93643    | 93644    | 93645    | 50               |
| Triangular     | Hook            | Vacuum (6)                 | 93652                           | 93653    | 93654    | 93655    | 93656    | 93657    | 93659    | 50               |
| Triangular     | Hook            | Non-Vacuum                 | 93913                           | 93914    | 93915    | 93916    | 93927    | 93928    | 93929    | 50               |



## DynaBrite® Surface Conditioning (NWN) Abrasives

Tough reinforced non-woven nylon impregnated with abrasive grain and resin. Ideal for light to heavy-duty cleaning, plus deburring, finishing, blending and polishing.

|                |                 |             | SURFACE CONDITIONING (NWN) |                 |                  |                   | Package Quantity |
|----------------|-----------------|-------------|----------------------------|-----------------|------------------|-------------------|------------------|
| Abrasive Shape | Attachment Type | Vacuum Type | Coarse (Brown)             | Medium (Maroon) | Very Fine (Blue) | Super Fine (Gray) |                  |
| Tear-Drop      | Hook            | Non-Vacuum  | 93970                      | 93971           | 93972            | 93973             | 10               |
| Triangular     | Hook            | Non-Vacuum  | 93930                      | 93931           | 93932            | 93933             | 10               |



## DynaCut Aluminum Oxide Raised Panel Strips

For use on Dynabrade 57906 Raised Panel Sander. Ideal for fine sanding and polishing.

|                       |                    | ALUMINUM OXIDE COATED ABRASIVES |             |             |             |             |             |             |                     |
|-----------------------|--------------------|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|
| Dimensions<br>(W x L) | Attachment<br>Type | 80<br>Grit                      | 100<br>Grit | 120<br>Grit | 150<br>Grit | 180<br>Grit | 220<br>Grit | 320<br>Grit | Package<br>Quantity |
| 7/8" x 4-1/2"         | Hook               | 93663                           | 93664       | 93670       | 93671       | 93672       | 93673       | 93677       | 50                  |
| 1-3/8" x 4-1/2"       | Hook               | 94001                           | 94002       | 94003       | 94004       | 94005       | 94006       | 94007       | 10                  |



## DynaBrite® Surface Conditioning (NWN) Raised Panel Strips

For use on Dynabrade 57906 Raised Panel Sander. Ideal for light deburring and scouring. Also used for rust and scale removal, sanding, polishing, and blending machine tool marks.

|                    |  | SURFACE CONDITIONING (NWN) |                  |                   | Package Quantity |
|--------------------|--|----------------------------|------------------|-------------------|------------------|
| Dimensions (W x L) |  | Medium (Maroon)            | Very Fine (Blue) | Super Fine (Gray) |                  |
| 7/8" x 4-1/2"      |  | 93674                      | 93675            | 93676             | 10               |
| 1-3/8" x 4-1/2"    |  | 94008                      | 94009            | 94010             | 10               |



## DynaCut Locking-Type Abrasive Discs

For grinding and blending welds, heavy metal removal, light deburring and finishing.

**Z/A = DynaCut Zirconia Alumina**

**PCER = DynaCut Premium Ceramic**

**CER = DynaCut Ceramic**

**A/O = Aluminum Oxide**

| Diameter (Inches) | Vacuum Type (No. of Holes) | Disc Type | 36 Grit | 50 Grit | 60 Grit | 80 Grit | 120 Grit | Package Quantity |
|-------------------|----------------------------|-----------|---------|---------|---------|---------|----------|------------------|
| 2                 | Non-Vacuum                 | A/O       | 78190   | 78191   | 78192   | 78193   | 78194    | 25               |
| 2                 | Non-Vacuum                 | Z/A       | 78098   | 78099   | 78100   | 78101   | 78102    | 25               |
| 2                 | Non-Vacuum                 | PCER      | 78103   | 78111   | 78112   | 78113   | 78114    | 25               |
| 2                 | Non-Vacuum                 | CER       | 92025   | 92084   | 92027   | 92028   | 92029    | 25               |
| 3                 | Non-Vacuum                 | A/O       | 78195   | 78196   | 78197   | 78198   | 78199    | 25               |
| 3                 | Non-Vacuum                 | Z/A       | •       | •       | 78104   | 78105   | 78106    | 25               |
| 3                 | Vacuum (5)                 | Z/A       | 92041   | 92042   | •       | 92043   | •        | 25               |
| 3                 | Non-Vacuum                 | PCER      | 93092   | 93093   | 93094   | 93095   | 93096    | 25               |
| 3                 | Non-Vacuum                 | CER       | 92086   | 92087   | 92031   | 92032   | 92033    | 25               |
| 4                 | Non-Vacuum                 | Z/A       | 78108   | •       | 78109   | 78110   | 78129    | 25               |



## DynaCut Locking-Type Flap Discs

Zirconia Alumina Flap Discs for stock and rust removal, deburring and blending welds; also cleaning and finishing.

| Diameter (Inches) | Vacuum Type | 40 Grit | 60 Grit | 80 Grit | 120 Grit | Package Quantity |
|-------------------|-------------|---------|---------|---------|----------|------------------|
| 2                 | Non-Vacuum  | 90970   | 90971   | 90972   | 90973    | 10               |
| 3                 | Non-Vacuum  | 90924   | 90925   | 90926   | 90927    | 10               |



## Unitized Locking-Type Discs

Made from layers of compressed non-woven nylon material. 2S F is Silicon Carbide impregnated; 2A M and 6A M are Aluminum Oxide impregnated. For deburring, cleaning, blending and polishing of metals, plastics and composites.

| Diameter (Inches) | Maximum RPM | 2S F (Soft) | 2A M (Medium) | 6A M (Hard) | Package Quantity |
|-------------------|-------------|-------------|---------------|-------------|------------------|
| 2                 | 22,100      | 78290       | 78291         | 78292       | 10               |
| 3                 | 15,100      | 78293       | 78294         | 78295       | 10               |



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## DynaBrite® Locking-Type Discs

Surface conditioning (NWN) discs for light to heavy-duty cleaning, also deburring, blending, finishing and polishing.

| Diameter (Inches) | SE Coarse (Brown) | Coarse (Brown) | Medium (Maroon) | Very Fine (Blue) | Super Fine (Gray) | Package Quantity |
|-------------------|-------------------|----------------|-----------------|------------------|-------------------|------------------|
| 2                 | •                 | 78123          | 78122           | 78121            | 78120             | 25               |
| 3                 | •                 | 78128          | 78127           | 78126            | 78125             | 25               |
| 4                 | 78130             | 78131          | 78132           | •                | •                 | 25               |



• Call for availability and pricing.



# DynaCut Fiber Discs

For general material removal, grinding and blending welds, heavy deburring and finishing.

**A/O = DynaCut Aluminum Oxide      CER = DynaCut Ceramic**

| Diameter (Inches) | Disc Type | Disc Brand      | Center Hole | Maximum RPM | 36 Grit | 50 Grit | 60 Grit | 80 Grit | Package Quantity |
|-------------------|-----------|-----------------|-------------|-------------|---------|---------|---------|---------|------------------|
| 4-1/2             | A/O       | DynaCut         | 7/8"        | 13,000      | 79311   | 79312   | 79313   | 79314   | 25               |
| 4-1/2             | CER       | DynaCut Ceramic | 7/8"        | 13,000      | 79325   | 79326   | 79327   | 79328   | 25               |
| 5                 | A/O       | DynaCut         | 7/8"        | 12,000      | 79315   | 79316   | 79317   | 79318   | 25               |
| 5                 | CER       | DynaCut Ceramic | 7/8"        | 12,000      | 79333   | 79334   | 79335   | 79336   | 25               |
| 7                 | A/O       | DynaCut         | 7/8"        | 8,500       | 79319   | 79330   | 79331   | 79332   | 25               |
| 7                 | CER       | DynaCut Ceramic | 7/8"        | 8,500       | 79337   | 79338   | 79339   | 79340   | 25               |



# DynaCut Flap Discs with Fiberglass Backing

For stock removal, deburring, blending, edge-chamfering and rust removal; also general cleaning and finishing.

**Z/A = DynaCut Zirconia Alumina      PCER = DynaCut Premium Ceramic**

| Diameter (Inches) | Disc Type | Disc Brand      | Center Hole | Type    | Maximum RPM | 36 Grit | 40 Grit | 60 Grit | 80 Grit | 120 Grit | Package Quantity |
|-------------------|-----------|-----------------|-------------|---------|-------------|---------|---------|---------|---------|----------|------------------|
| 4-1/2             | Z/A       | DynaCut         | 7/8"        | Type 27 | 13,000      | 77756   | 77757   | 77758   | 77759   | 77760    | 10               |
| 4-1/2             | PCER      | DynaCut Premium | 7/8"        | Type 27 | 13,000      | 77761   | 77762   | 77763   | 77764   | 77765    | 10               |
| 5                 | Z/A       | DynaCut         | 7/8"        | Type 27 | 12,000      | 77766   | 77767   | 77768   | 77769   | 77770    | 10               |
| 5                 | PCER      | DynaCut Premium | 7/8"        | Type 27 | 12,000      | 77771   | 77772   | 77773   | 77774   | 77775    | 10               |



# DynaCut Disc

A non-loading Silicon Carbide disc ideal for rapid material removal. Utilized on fiberglass, plastic and more.

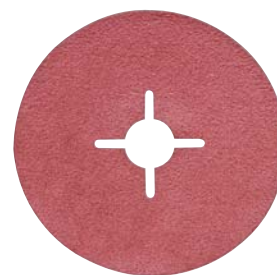
| Diameter (Inches) | Disc Type | Disc Brand | Center Hole (Inches) | Maximum RPM | 16 Grit | Package Quantity |
|-------------------|-----------|------------|----------------------|-------------|---------|------------------|
| 4-1/2             | SC        | DynaCut    | 7/8                  | 13,300      | 77779   | 5                |



# Slotted Center-Hole Fiber Discs

Aluminum Oxide Fiber Discs for use with Dynabrade 61318 DynaLocke Head (50260 Sanding Pad).

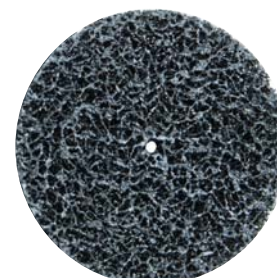
| Diameter (Inches) | Disc Type | Backing Type | 36 Grit | 80 Grit | 120 Grit | 180 Grit | 220 Grit | Package Quantity |
|-------------------|-----------|--------------|---------|---------|----------|----------|----------|------------------|
| 5                 | A/O       | Fiber        | 79350   | 79351   | 79352    | •        | •        | 25               |
| 5                 | A/O       | Cloth        | •       | •       | 79353    | 79354    | 79355    | 25               |



# DynaStrip Discs

Coarse abrasive made of thick strong synthetic fibers, with smear-resistant adhesive. Discs with stiff **Fiberglass Backing** (7/8" center hole) are used on angle grinders for heavy scrubbing, cleaning welds, removal of paint, coatings, scale and oxidation. Discs with **no backing** (1/2" center hole) are used for cleaning weld beads without removing material; also satin finishing and removal of scale or oxidation.

| Diameter (Inches) | Disc Backing | Center Hole (Inches) | Type    | Maximum RPM | Coarse | Extra Coarse | Package Quantity |
|-------------------|--------------|----------------------|---------|-------------|--------|--------------|------------------|
| 4-1/2             | Fiberglass   | 7/8                  | Type 27 | 11,000      | •      | 78377        | 1                |
| 4                 | None         | 1/2                  | Wheel   | 6,000       | 78141  | •            | 1                |
| 5                 | None         | 1/2                  | Wheel   | 4,800       | 78142  | •            | 1                |
| 6                 | None         | 1/2                  | Wheel   | 4,000       | 78143  | •            | 1                |



• Call for availability and pricing.

# Dynabrade Type 41 Reinforced Cut-Off Wheels

Used for a variety of applications, such as cutting sheet metal, pipe, drill bits, steel bar, tubing and metallurgical sectioning. Utilized in foundry/forge shops for gate/riser removal and cutting forgings. Also used for metal plate dimensioning and concrete/masonry work.

**Z/A = DynaCut Zirconia Alumina**

**A/O = DynaCut Aluminum Oxide**

| Wheel Diameter | Wheel Description | Wheel Thickness | Center Hole | Maximum RPM | Part Number | Package Quantity |
|----------------|-------------------|-----------------|-------------|-------------|-------------|------------------|
| 3"             | Z/A               | .035"           | 3/8"        | 25,400      | 79356       | 10               |
| 3"             | A/O               | .035"           | 3/8"        | 25,400      | 79357       | 10               |
| 4"             | Z/A               | .035"           | 3/8"        | 19,100      | 79388       | 10               |
| 4"             | A/O               | .035"           | 3/8"        | 19,100      | 79389       | 10               |



# Dynabrade Type 27 Depressed Center Wheels

Used for weld grinding and all metal fabrication applications.

| Wheel Diameter | Wheel Description | Center Hole | Maximum RPM | Part Number | Package Quantity |
|----------------|-------------------|-------------|-------------|-------------|------------------|
| 2"             | A/O               | 3/8"        | 27,120      | 90999       | 10               |
| 4-1/2"         | Z/A               | 7/8"        | 13,500      | 79390       | 10               |
| 4-1/2"         | A/O               | 7/8"        | 13,500      | 79391       | 10               |
| 5"             | Z/A               | 7/8"        | 13,500      | 79392       | 10               |
| 5"             | A/O               | 7/8"        | 13,500      | 79393       | 10               |



# Dynabrade Type 1 Wheels

Ideal for cleaning castings, smoothing seam welds and rough beveling. Used in foundries, welding shops, steel mills and shipyards.

| Wheel Diameter | Wheel Description | Wheel Thickness | Center Hole | Maximum RPM | Part Number | Package Quantity |
|----------------|-------------------|-----------------|-------------|-------------|-------------|------------------|
| 3"             | Type 01 Straight  | 1/2"            | 3/8"        | 18,080      | 79394       | 10               |
| 4"             | Type 01 Straight  | 1/4"            | 3/8"        | 15,280      | 79395       | 10               |



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**BEST  
SERVICE!**

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## DynaCut Aluminum Oxide Flap Wheels

The most common mineral for general purpose applications. Ideal for finishing, light deburring, cleaning, or preparation for further treatments (such as chrome-plating, nickel-plating and painting). Can be utilized in small or hard-to-reach areas such as internal surfaces of pipes, cylinders, parts or irregular shapes.



### ALUMINUM OXIDE COATED ABRASIVES

| Wheel Diameter | Wheel Width | Shaft Diameter | Maximum RPM | 40 Grit | 60 Grit | 80 Grit | 120 Grit | 180 Grit | Package Quantity |
|----------------|-------------|----------------|-------------|---------|---------|---------|----------|----------|------------------|
| 1"             | 1"          | 1/4"           | 30,000      | 78307   | 78300   | 78301   | 78302    | 78308    | 10               |
| 1-1/2"         | 1"          | 1/4"           | 25,000      | 78303   | 78304   | 78305   | 78306    | 78309    | 10               |
| 2"             | 1"          | 1/4"           | 25,000      | 78314   | 78401   | 78323   | 78403    | 78324    | 10               |
| 3"             | 1"          | 1/4"           | 20,000      | 78339   | 78410   | 78375   | 78412    | 78413    | 10               |

## DynaCut Aluminum Oxide Flap Wheels with Flanges

The most common mineral for general purpose applications. Wheels are used for finishing flat, concave and convex surfaces. Also ideal for grinding internal and outer surfaces of tanks, containers and pipes. More applications include finishing parts and irregular shapes, such as handles, taps and molded parts; also used for removing and cleaning weld seams.



### ALUMINUM OXIDE COATED ABRASIVES

| Wheel Diameter | Wheel Thickness | Center Hole | Maximum RPM | 40 Grit | 60 Grit | 80 Grit | 120 Grit | Package Quantity |
|----------------|-----------------|-------------|-------------|---------|---------|---------|----------|------------------|
| 4"             | 4"              | 3/4"        | 6,800       | 78376   | •       | 90851   | •        | 1                |
| 6"             | 1"              | 1"          | 5,700       | 78379   | 78310   | 78311   | 78312    | 1                |
| 6"             | 1-1/2"          | 1"          | 5,700       | 78383   | •       | 78313   | •        | 1                |
| 6"             | 2"              | 1"          | 5,700       | 78384   | •       | •       | •        | 1                |

## DynaCut Aluminum Oxide Interleaf Wheels

The most common mineral for general purpose applications. Ideal for light deburring and cleaning of irregular parts and inside pipe diameters. Also for removing scale and marks made by previous operations.



### ALUMINUM OXIDE COATED ABRASIVES

| Wheel Diameter | Wheel Width | Shaft Diameter | Maximum RPM | 60/M  | 120/F | 180/F | Package Quantity |
|----------------|-------------|----------------|-------------|-------|-------|-------|------------------|
| 2"             | 1"          | 1/4"           | 13,700      | 78325 | 78326 | 78327 | 10               |
| 3"             | 1"          | 1/4"           | 8,600       | 78328 | 78329 | 78330 | 10               |

## DynaBrite® Surface Conditioning Flap Wheels

Non-woven nylon wheels ideal for imparting hairline finishes on stainless steel and aluminum. Also utilized for removal of handling marks.



### SURFACE CONDITIONING (NWN)

| Wheel Diameter | Wheel Width | Wheel Attachment | Maximum RPM | Coarse | Medium | Package Quantity |
|----------------|-------------|------------------|-------------|--------|--------|------------------|
| 4-1/4"         | 2"          | 5/8"-11          | 5,000       | 79398  | 79399  | 1                |
| 4-1/4"         | 4"          | 5/8"-11          | 5,000       | 79396  | 79397  | 1                |

• Call for availability and pricing.



# DynaBrite® Convolute Wheels

**Silicon Carbide (S/C)** Convolute Wheels connect to standard Bench Grinders for a wide range of deburring and finishing applications. They are utilized on stainless steel, aluminum, titanium, carbon steel, plastic, composites, alloys and more.

**Aluminum Oxide (A/O)** Wheels are used for specific metal finishing applications, to achieve distinct finishes such as satin, cosmetic, brushed or antique.



## DynaBrite® Silicon Carbide (S/C) Wheels

| Diameter x Width x Center Hole | Maximum Operating Speed | Abrasive Grade | Wheel Description             | Part Number | Package Quantity |
|--------------------------------|-------------------------|----------------|-------------------------------|-------------|------------------|
| 6" x 1/2" x 1"                 | 6,000 RPM               | 7S Fine        | DynaBrite® Deburring          | 78349       | 2                |
| 6" x 1/2" x 1"                 | 6,000 RPM               | 8A Medium      | DynaBrite® Deburring          | 78350       | 2                |
| 6" x 1/2" x 1"                 | 6,000 RPM               | 8S Fine        | DynaBrite® Deburring          | 78351       | 2                |
| 6" x 1/2" x 1"                 | 6,000 RPM               | 9S Fine        | DynaBrite® Deburring          | 78352       | 2                |
| 6" x 1" x 1"                   | 6,000 RPM               | 7S Fine        | DynaBrite® Deburring          | 78353       | 2                |
| 6" x 1" x 1"                   | 6,000 RPM               | 8A Medium      | DynaBrite® Deburring          | 78354       | 2                |
| 6" x 1" x 1"                   | 6,000 RPM               | 8S Fine        | DynaBrite® Deburring          | 78355       | 2                |
| 6" x 1" x 1"                   | 6,000 RPM               | 9S Fine        | DynaBrite® Deburring          | 78356       | 2                |
| 8" x 1/2" x 3"                 | 4,500 RPM               | 7S Fine        | DynaBrite® Deburring          | 78357       | 2                |
| 8" x 1/2" x 3"                 | 4,500 RPM               | 8A Medium      | DynaBrite® Deburring          | 78358       | 2                |
| 8" x 1/2" x 3"                 | 4,500 RPM               | 8S Fine        | DynaBrite® Deburring          | 78359       | 2                |
| 8" x 1/2" x 3"                 | 4,500 RPM               | 9S Fine        | DynaBrite® Deburring          | 78360       | 2                |
| 8" x 1" x 3"                   | 4,500 RPM               | 7S Fine        | DynaBrite® Deburring          | 78361       | 2                |
| 8" x 1" x 3"                   | 4,500 RPM               | 8A Medium      | DynaBrite® Deburring          | 78362       | 2                |
| 8" x 1" x 3"                   | 4,500 RPM               | 8S Fine        | DynaBrite® Deburring          | 78363       | 2                |
| 8" x 1" x 3"                   | 4,500 RPM               | 9S Fine        | DynaBrite® Deburring          | 78364       | 2                |
| 8" x 2" x 3"                   | 4,500 RPM               | 7S Fine        | DynaBrite® Deburring          | 78365       | 1                |
| 8" x 2" x 3"                   | 4,500 RPM               | 8A Medium      | DynaBrite® Deburring          | 78366       | 1                |
| 8" x 2" x 3"                   | 4,500 RPM               | 8S Fine        | DynaBrite® Deburring          | 78367       | 1                |
| 8" x 2" x 3"                   | 4,500 RPM               | 9S Fine        | DynaBrite® Deburring          | 78368       | 1                |
| 6" x 1/2" x 1"                 | 6,000 RPM               | 8S Fine        | DynaBrite® Deburring Type "R" | 78369       | 2                |
| 6" x 1" x 1"                   | 6,000 RPM               | 8S Fine        | DynaBrite® Deburring Type "R" | 78370       | 2                |
| 8" x 1/2" x 3"                 | 4,500 RPM               | 8S Fine        | DynaBrite® Deburring Type "R" | 78371       | 2                |
| 8" x 1" x 3"                   | 4,500 RPM               | 8S Fine        | DynaBrite® Deburring Type "R" | 78372       | 2                |
| 8" x 2" x 3"                   | 4,500 RPM               | 8S Fine        | DynaBrite® Deburring Type "R" | 78373       | 1                |
| 6" x 1" x 1"                   | 6,000 RPM               | 2S Coarse      | DynaBrite® Multi-Finish       | 78374       | 2                |
| 6" x 1" x 1"                   | 6,000 RPM               | 2S Medium      | DynaBrite® Multi-Finish       | 78137       | 2                |
| 6" x 2" x 1"                   | 6,000 RPM               | 2S Coarse      | DynaBrite® Multi-Finish       | 78390       | 1                |
| 6" x 2" x 1"                   | 6,000 RPM               | 2S Medium      | DynaBrite® Multi-Finish       | 78136       | 1                |
| 8" x 1" x 3"                   | 4,500 RPM               | 2S Coarse      | DynaBrite® Multi-Finish       | 78391       | 2                |
| 8" x 1" x 3"                   | 4,500 RPM               | 2S Medium      | DynaBrite® Multi-Finish       | 78392       | 2                |
| 8" x 2" x 3"                   | 4,500 RPM               | 2S Coarse      | DynaBrite® Multi-Finish       | 78393       | 1                |
| 8" x 2" x 3"                   | 4,500 RPM               | 2S Medium      | DynaBrite® Multi-Finish       | 78394       | 1                |

## DynaBrite® Aluminum Oxide (A/O) Wheels

| Diameter x Width x Center Hole | Maximum Operating Speed | Abrasive Grade | Wheel Description       | Part Number | Package Quantity |
|--------------------------------|-------------------------|----------------|-------------------------|-------------|------------------|
| 6" x 1" x 1"                   | 6,000 RPM               | 5A Medium      | DynaBrite® Metal Finish | 78395       | 2                |
| 6" x 2" x 1"                   | 6,000 RPM               | 5A Medium      | DynaBrite® Metal Finish | 78396       | 1                |
| 8" x 1" x 3"                   | 4,500 RPM               | 5A Medium      | DynaBrite® Metal Finish | 78397       | 2                |
| 8" x 2" x 3"                   | 4,500 RPM               | 5A Medium      | DynaBrite® Metal Finish | 78398       | 1                |

# Sanding Stars

## DynaCut Aluminum Oxide Coated Abrasive Sanding Stars

The most common mineral for general purpose applications. Sanding Stars are utilized for denibbing and sanding on whitewood raised panels, plus blending and scuffing sealer coatings on flat or contoured surfaces. Also used for metal deburring and polishing, plus cleaning inside diameter of pipe.

### Arbor-Mount Sanding Stars

|               |             | ALUMINUM OXIDE COATED ABRASIVES |          |          |          |          |          |          | Package Quantity |
|---------------|-------------|---------------------------------|----------|----------|----------|----------|----------|----------|------------------|
| Star Diameter | Center Hole | 80 Grit                         | 120 Grit | 150 Grit | 180 Grit | 220 Grit | 320 Grit | 400 Grit |                  |
| 4"            | 1/2"        | 93392                           | 93393    | 93394    | 93395    | 93396    | 93397    | 93398    | 10               |
| 8"            | 1"          | 93243                           | 93245    | 93246    | 93247    | 93248    | 93251    | 93252    | 1                |



### Spindle-Mount Sanding Stars

|               |                | ALUMINUM OXIDE COATED ABRASIVES |          |          |          |          |          |          | Package Quantity |
|---------------|----------------|---------------------------------|----------|----------|----------|----------|----------|----------|------------------|
| Star Diameter | Shaft Diameter | 80 Grit                         | 120 Grit | 150 Grit | 180 Grit | 220 Grit | 320 Grit | 400 Grit |                  |
| 4"            | 1/4"           | 93166                           | 93167    | 93168    | 93169    | 93171    | 93172    | 93173    | 1 Spindle        |



NOTE: Each spindle consists of four (4) abrasive sanding stars.

### Eyelet Sanding Stars

| ALUMINUM OXIDE COATED ABRASIVES |               |         |          |          |          |          |          |          |                  | STAR MANDREL |           |
|---------------------------------|---------------|---------|----------|----------|----------|----------|----------|----------|------------------|--------------|-----------|
| Star Diameter                   | Female Thread | 80 Grit | 120 Grit | 150 Grit | 180 Grit | 220 Grit | 320 Grit | 400 Grit | Package Quantity | 3" Length    | 7" Length |
| 3/4"                            | 3-48          | 93579   | 93580    | 93581    | 93582    | 93583    | •        | •        | 10               | 93534        | 93533     |
| 1"                              | 3-48          | 93586   | 93587    | 93588    | 93589    | 93590    | •        | •        | 10               | 93534        | 93533     |
| 1-1/2"                          | 8-32          | 93541   | 93542    | 93543    | 93544    | 93545    | 93546    | 93547    | 10               | 93548        | 93532     |
| 2"                              | 1/4"-20       | 93551   | 93552    | 93553    | 93554    | 93555    | 93556    | 93557    | 10               | 93550        | 93531     |
| 3"                              | 1/4"-20       | 93558   | 93559    | 93560    | 93561    | 93562    | 93563    | 93564    | 10               | 93550        | 93531     |
| 4"                              | 1/4"-20       | 93565   | 93566    | 93567    | 93568    | 93569    | •        | •        | 10               | 93550        | 93531     |

• Call for availability and pricing.

7" Mandrel



3" Mandrel



## Dress the abrasive tips

### Break the Stiffness

Sanding stars are initially rigid, which can result in scarring of the workpiece if used prior to dressing. For optimal results, first mount the sanding stars to the tool and "dress" the abrasive by running it along a stainless steel dressing plate or piece of hardwood. Dressing breaks the stiffness by flexing the abrasive tips, resulting in a more consistent finish.



Lightweight Dyninger with Spindle-Mount Sanding Stars.

# Abrasive Bands

## DynaCut Zirconia Alumina (Z/A) Coated Abrasives

Versatile, high-performance mineral that is sharp, hard and tough. Bands are used for grinding and deburring, heavy stock removal, blending, dimensioning and shaping.

## DynaBrite® Surface Conditioning (NWN) Bands

Tough reinforced non-woven nylon impregnated with abrasive grain and resin. Bands are used for light and heavy-duty cleaning, deburring, blending, polishing and finishing.



| Band Diameter | Band Width | ZIRCONIA ALUMINA COATED ABRASIVES |         |         |          | NON-WOVEN NYLON |                 | Package Quantity |
|---------------|------------|-----------------------------------|---------|---------|----------|-----------------|-----------------|------------------|
|               |            | 36 Grit                           | 60 Grit | 80 Grit | 120 Grit | Coarse (Brown)  | Medium (Maroon) |                  |
| 1"            | 1"         | 92012                             | 92013   | 91069   | 91072    | 90810           | 90760           | 10               |
| 1"            | 1-1/2"     | 92014                             | 92018   | 91070   | 91073    | 90811           | 90761           | 10               |
| 1"            | 2"         | 92019                             | 92020   | 91071   | 91074    | 90812           | 90762           | 10               |
| 1-1/2"        | 1"         | 92024                             | 92026   | 91078   | 91081    | 90813           | 90763           | 10               |
| 1-1/2"        | 1-1/2"     | 92030                             | 92034   | 91079   | 91082    | 90814           | 90764           | 10               |
| 1-1/2"        | 2"         | 92037                             | 92038   | 91080   | 91083    | 90815           | 90765           | 10               |
| 2"            | 1"         | 92039                             | 92044   | 91087   | 91090    | 90816           | 90766           | 10               |
| 2"            | 1-1/2"     | 92045                             | 92048   | 91088   | 91091    | 90817           | 90767           | 10               |
| 2"            | 2"         | 92051                             | 92061   | 91089   | 91092    | 90818           | 90768           | 10               |
| 3"            | 1"         | 90700                             | 90712   | 90724   | 90736    | 90748           | 90754           | 10               |
| 3"            | 2"         | 90701                             | 90713   | 90725   | 90737    | 90749           | 90755           | 10               |
| 3"            | 3"         | 90709                             | 90719   | 90731   | 90743    | 90820           | 90770           | 10               |
| 5"            | 1"         | 90704                             | 90716   | 90728   | 90740    | 90752           | 90758           | 10               |
| 5"            | 1-1/2"     | 90722                             | 90723   | 90735   | 90747    | 90824           | 90774           | 10               |
| 5"            | 2"         | 90705                             | 90717   | 90729   | 90741    | 90753           | 90759           | 10               |
| 5"            | 3"         | 90707                             | 90706   | 90708   | 90710    | 90825           | 90775           | 10               |



Dynabrade Dynastraight® and Die Grinder models powering Abrasive Bands.



## DynaCut PSA Rolls

**Aluminum Oxide** Rolls are ideal for light deburring and scouring. Also used for rust and scale removal, blending machine tool marks, plus fine sanding and polishing.

| Roll Width | 80 Grit | 100 Grit | 120 Grit | 150 Grit | 180 Grit | Yards Per Roll | Package Quantity |
|------------|---------|----------|----------|----------|----------|----------------|------------------|
| 2-3/4"     | 79300   | •        | •        | •        | •        | 25             | 1                |
| 2-3/4"     | •       | 79301    | 79302    | •        | •        | 30             | 1                |
| 2-3/4"     | •       | •        | •        | 79303    | 79304    | 45             | 1                |
| 3-2/3"     | 79306   | •        | •        | •        | •        | 25             | 1                |
| 3-2/3"     | •       | 79307    | 79308    | •        | •        | 30             | 1                |
| 3-2/3"     | •       | •        | •        | 79309    | •        | 45             | 1                |
| 3-2/3"     | •       | •        | •        | •        | 79310    | 50             | 1                |



## DynaCut PSA Strips

Utilized on 57930 Dynafine® Finger Sander, for sanding and defuzzing in tight areas.

| Strip Length | Strip Width | 80 Grit | 120 Grit | 180 Grit | 240 Grit | Package Quantity |
|--------------|-------------|---------|----------|----------|----------|------------------|
| 2"           | 3/8"        | •       | 93940    | 93941    | 93942    | 20               |
| 2"           | 3/4"        | •       | 93943    | 93944    | 93945    | 20               |
| 6"           | 1/4"        | •       | 90960    | 90967    | •        | 10               |
| 6"           | 1/2"        | 90955   | •        | 90957    | •        | 10               |



- Call for availability and pricing.

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## Discover The Dynabrade Difference!



- Factory Salesmen Throughout the USA
- Same-Day Shipping
- No-Obligation Demonstrations
- Easy to do Business with



## For More Information, Visit [Dynabrade.com](http://Dynabrade.com)

# Dynabrade Microfinishing Rolls

For use on **Dynabrade SuperFinisher** to achieve predictable, consistent and repeatable finishes on a variety of materials.

**Microfinishing Film Rolls** consist of electrostatically oriented abrasive for an aggressive cut.

**Lapping Film Rolls** consist of randomly oriented abrasive for a finer finish.



## Diamond Microfinishing Film Rolls

| Roll Length | Roll Width | 60 Micron | 40 Micron | 30 Micron | 20 Micron | Package Quantity |
|-------------|------------|-----------|-----------|-----------|-----------|------------------|
| 50'         | 1"         | 92728     | 92729     | 92730     | 92731     | 1                |
| 50'         | 2"         | 92744     | 92745     | 92746     | 92747     | 1                |
| 50'         | 3"         | 92760     | 92761     | 92762     | 92763     | 1                |
| 50'         | 4"         | 92776     | 92777     | 92778     | 92779     | 1                |

## Aluminum Oxide Microfinishing Film Rolls

| Roll Length | Roll Width | 60 Micron | 30 Micron | 15 Micron | 9 Micron | Package Quantity |
|-------------|------------|-----------|-----------|-----------|----------|------------------|
| 150'        | 1"         | 92720     | 92721     | 92722     | 92723    | 1                |
| 150'        | 2"         | 92736     | 92737     | 92738     | 92739    | 1                |
| 150'        | 3"         | 92752     | 92753     | 92754     | 92755    | 1                |
| 150'        | 4"         | 92768     | 92769     | 92770     | 92771    | 1                |

## Diamond Lapping Film Rolls

| Roll Length | Roll Width | 30 Micron | 15 Micron | 9 Micron | 3 Micron | Package Quantity |
|-------------|------------|-----------|-----------|----------|----------|------------------|
| 50'         | 1"         | 92732     | 92733     | 92734    | 92735    | 1                |
| 50'         | 2"         | 92748     | 92749     | 92750    | 92751    | 1                |
| 50'         | 3"         | 92764     | 92765     | 92766    | 92767    | 1                |
| 50'         | 4"         | 92780     | 92781     | 92782    | 92783    | 1                |

## Aluminum Oxide Lapping Film Rolls

| Roll Length | Roll Width | 30 Micron | 15 Micron | 9 Micron | 3 Micron | Package Quantity |
|-------------|------------|-----------|-----------|----------|----------|------------------|
| 150'        | 1"         | 92724     | 92725     | 92726    | 92727    | 1                |
| 150'        | 2"         | 92740     | 92741     | 92742    | 92743    | 1                |
| 150'        | 3"         | 92756     | 92757     | 92758    | 92759    | 1                |
| 150'        | 4"         | 92772     | 92773     | 92774    | 92775    | 1                |

## CLEO® Belts

Used on portable and stationary tools to produce satin to mirror finishes, on surfaces such as brass, aluminum and stainless steel. Also utilized for removing scratches and surface imperfections.

| Belt Length | Belt Width | Synthetic White | Lambswool Wool | Package Quantity |
|-------------|------------|-----------------|----------------|------------------|
| 15-1/2"     | 3-1/2"     | 91498           | 91499          | 1                |
| 18"         | 1"         | 91500           | •              | 1                |



## CLEO® Polishing Products

| Part Number | Product Color   | Package Quantity |
|-------------|-----------------|------------------|
| 78231       | Gray            | 1                |
| 78232       | White           | 1                |
| 78233       | Christmas Green | 1                |
| 78234       | Brown           | 1                |
| 78235       | Mint Green      | 1                |
| 78236       | Red Rouge       | 1                |
| 78237*      | Blue            | 1                |



### Products for use on Stainless Steel

Begin with 78231 (Gray), followed by 78232 (White), finish with 78233 (Christmas Green)



### Products for use on Aluminum

Begin with 78234 (Brown), followed by 78235 (Mint Green), finish with 78233 (Christmas Green)



### Products for use on Brass

Begin with 78234 (Brown), followed by 78235 (Mint Green), finish with 78236 (Red Rouge)

\*For use on plastics only.

## CLEO® Locking-Type Polishing Discs

For polishing stainless steel, aluminum and brass. Mirror finish can be achieved by pairing Dynabrade tools with CLEO polishing discs and compounds.

| Diameter (inches) | White | Wool  | Package Quantity |
|-------------------|-------|-------|------------------|
| 2"                | 91496 | 91497 | 10               |
| 3"                | 91502 | 91503 | 10               |



• Call for availability and pricing.

CLEO is a registered trademark of Buff Polish & Grind Industrial Supply Co., Inc.



## Standard Twist Knot Wire Wheels

Knot construction provides aggressive, high-impact action for heavy-duty applications. Remove rust, scale, weld spatter and oxidation.

| Diameter (Inches) | Wire Size | Arbor Hole  | No. of Knots | Face Width | Trim Length | Thickness | Max RPM | Steel | Stainless Steel | Package Quantity |
|-------------------|-----------|-------------|--------------|------------|-------------|-----------|---------|-------|-----------------|------------------|
| 4                 | .014      | 5/8"-11 UNC | 24           | 1/2"       | 7/8"        | 7/16"     | 20,000  | 78800 | 78801           | 1                |
| 4                 | .020      | 3/8"-24 UNF | 24           | 1/2"       | 7/8"        | 7/16"     | 20,000  | 78804 | 78882           | 1                |
| 4                 | .020      | 5/8"-11 UNC | 24           | 1/2"       | 7/8"        | 7/16"     | 20,000  | 78805 | 78883           | 1                |



## Roughneck Stringer Bead Twist Wheels

For cleaning surfaces prior to welding, removing weld scale, spatter or corrosion. Each knot has exactly the same wire count, ensuring perfect balance and minimizing vibration.

| Diameter (Inches) | Wire Size | Arbor Hole  | No. of Knots | Face Width | Trim Length | Thickness | Max RPM | Steel | Stainless Steel | Package Quantity |
|-------------------|-----------|-------------|--------------|------------|-------------|-----------|---------|-------|-----------------|------------------|
| 4                 | .020      | 3/8"-24 UNF | 32           | 3/16"      | 7/8"        | 7/16"     | 20,000  | 78808 | 78884           | 1                |
| 4                 | .020      | 5/8"-11 UNC | 32           | 3/16"      | 7/8"        | 7/16"     | 20,000  | 78809 | 78810           | 1                |



## Knot Wire Cup Brushes

For heavy-duty cleaning of large surfaces, removal of weld scale and corrosion.

| Diameter (Inches) | Wire Size | Arbor Hole  | Trim Length | Max RPM | Steel | Stainless Steel | Package Quantity |
|-------------------|-----------|-------------|-------------|---------|-------|-----------------|------------------|
| 2-3/4             | .014      | 3/8"-24 UNF | 1"          | 14,000  | 78818 | 78885           | 1                |
| 2-3/4             | .014      | 5/8"-11 UNC | 1"          | 14,000  | 78819 | 78886           | 1                |
| 2-3/4             | .020      | 5/8"-11 UNC | 1"          | 14,000  | 78822 | 78823           | 1                |



## Crimped Wire Cup Brushes

For light to medium cleaning of large surfaces, removal of rust and paint. Also for roughening of surfaces and deburring.

| Diameter (Inches) | Wire Size | Arbor Hole  | Trim Length | Max RPM | Steel | Package Quantity |
|-------------------|-----------|-------------|-------------|---------|-------|------------------|
| 3                 | .014      | 3/8"-24 UNF | 1"          | 14,000  | 78813 | 1                |
| 3                 | .014      | 5/8"-11 UNC | 1"          | 14,000  | 78814 | 1                |



• Call for availability and pricing.

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## Crimped Wire End Brushes - Solid End

For light duty, general purpose applications. Clean and finish recessed areas or inside diameters.  
Also for cleaning and polishing dies, molds and tools, plus removing rubber/plastic flash, rust and paint.

| Diameter (Inches) | Wire Size | Stem Diameter | Trim Length | Max RPM | Steel | Stainless Steel | Package Quantity |
|-------------------|-----------|---------------|-------------|---------|-------|-----------------|------------------|
| 1/2               | .006      | 1/4"          | 7/8"        | 25,000  | 78824 | 78825           | 1                |
| 1/2               | .014      | 1/4"          | 7/8"        | 25,000  | 78826 | 78827           | 1                |
| 1/2               | .020      | 1/4"          | 7/8"        | 25,000  | 78828 | •               | 1                |
| 3/4               | .006      | 1/4"          | 7/8"        | 22,000  | 78829 | 78830           | 1                |
| 3/4               | .014      | 1/4"          | 7/8"        | 22,000  | 78831 | 78832           | 1                |
| 3/4               | .020      | 1/4"          | 7/8"        | 22,000  | 78833 | •               | 1                |
| 1                 | .006      | 1/4"          | 1"          | 22,000  | 78834 | 78835           | 1                |
| 1                 | .014      | 1/4"          | 1"          | 22,000  | 78836 | 78837           | 1                |
| 1                 | .020      | 1/4"          | 1-1/8"      | 22,000  | 78838 | •               | 1                |



## Controlled Flare End Brushes

Offers increased durability when cleaning right angles, corners and fillet welds.  
Also for removing weld spatter, flash and scale.

| Diameter (Inches) | Wire Size | Stem Diameter | Trim Length | Max RPM | Steel | Stainless Steel | Package Quantity |
|-------------------|-----------|---------------|-------------|---------|-------|-----------------|------------------|
| 1/2               | .0104     | 1/4"          | 7/8"        | 25,000  | 78839 | 78840           | 1                |
| 1/2               | .014      | 1/4"          | 7/8"        | 25,000  | 78841 | 78842           | 1                |
| 1/2               | .020      | 1/4"          | 7/8"        | 25,000  | 78843 | •               | 1                |
| 3/4               | .0104     | 1/4"          | 7/8"        | 22,000  | 78844 | 78845           | 1                |
| 3/4               | .014      | 1/4"          | 7/8"        | 22,000  | 78846 | •               | 1                |
| 3/4               | .020      | 1/4"          | 7/8"        | 22,000  | 78847 | •               | 1                |
| 1                 | .0104     | 1/4"          | 1"          | 22,000  | 78848 | 78849           | 1                |
| 1                 | .014      | 1/4"          | 1"          | 22,000  | 78850 | •               | 1                |
| 1                 | .020      | 1/4"          | 1-1/8"      | 22,000  | 78851 | •               | 1                |



## Knot Wire End Brushes - Hollow End

Knot construction provides aggressive high-impact action for severe applications.  
Remove scale and slag, clean pipe inside diameters, carbon and welds.

| Diameter (Inches) | Wire Size | Stem Diameter | Trim Length | Max RPM | Steel | Stainless Steel | Package Quantity |
|-------------------|-----------|---------------|-------------|---------|-------|-----------------|------------------|
| 3/4               | .014      | 1/4"          | 7/8"        | 22,000  | 78852 | 78853           | 1                |
| 3/4               | .020      | 1/4"          | 7/8"        | 22,000  | 78854 | •               | 1                |
| 1                 | .014      | 1/4"          | 7/8"        | 22,000  | 78855 | 78856           | 1                |
| 1                 | .020      | 1/4"          | 7/8"        | 22,000  | 78857 | 78858           | 1                |

• Call for availability and pricing.



# Crimped Wire Radial Wheel Brushes

Offers shorter trim length for more aggressive brushing action.  
Ideal for hard-to-reach areas.

| Diameter (Inches) | Wire Size | Stem Diameter | Trim Length | Max RPM | Steel | Stainless Steel | Package Quantity |
|-------------------|-----------|---------------|-------------|---------|-------|-----------------|------------------|
| 1-1/2             | .006      | 1/4"          | 3/8"        | 20,000  | 78859 | •               | 1                |
| 2                 | .006      | 1/4"          | 7/16"       | 20,000  | 78860 | •               | 1                |
| 2                 | .0118     | 1/4"          | 7/16"       | 20,000  | 78861 | •               | 1                |
| 2-1/2             | .008      | 1/4"          | 9/16"       | 20,000  | 78862 | •               | 1                |
| 2-1/2             | .0118     | 1/4"          | 9/16"       | 20,000  | 78863 | •               | 1                |
| 3                 | .008      | 1/4"          | 13/16"      | 20,000  | 78864 | •               | 1                |
| 3                 | .0118     | 1/4"          | 13/16"      | 20,000  | 78865 | •               | 1                |
| 3                 | .014      | 1/4"          | 13/16"      | 20,000  | •     | 78866           | 1                |



# Concave Brushes

For cleaning and deburring by hand, or on a drill press.  
Concave brush shape is efficient for use within corners.

| Diameter (Inches) | Wire Size | Stem Diameter | Trim Length | Max RPM | Steel | Stainless Steel | Package Quantity |
|-------------------|-----------|---------------|-------------|---------|-------|-----------------|------------------|
| 1-1/2             | .006      | 1/4"          | 3/8"        | 20,000  | •     | 78867           | 1                |
| 1-1/2             | .0118     | 1/4"          | 3/8"        | 20,000  | 78868 | •               | 1                |
| 2                 | .008      | 1/4"          | 1/2"        | 20,000  | 78869 | •               | 1                |
| 2                 | .014      | 1/4"          | 1/2"        | 20,000  | 78870 | 78871           | 1                |
| 2-1/2             | .014      | 1/4"          | 5/8"        | 20,000  | 78872 | •               | 1                |
| 3                 | .006      | 1/4"          | 15/16"      | 20,000  | •     | 78873           | 1                |
| 3                 | .014      | 1/4"          | 15/16"      | 20,000  | 78874 | 78875           | 1                |



# Knot Wire Wheels

Knot construction provides aggressive high-impact action for severe applications.

| Diameter (Inches) | Wire Size | Stem Diameter | Face Length | Trim Length | Max RPM | Steel | Stainless Steel | Package Quantity |
|-------------------|-----------|---------------|-------------|-------------|---------|-------|-----------------|------------------|
| 3-1/4             | .0118     | 1/4"          | 3/8"        | 5/8"        | 25,000  | 78876 | •               | 1                |
| 3-1/4             | .014      | 1/4"          | 3/8"        | 5/8"        | 25,000  | 78877 | 78878           | 1                |
| 3-1/4             | .020      | 1/4"          | 3/8"        | 5/8"        | 25,000  | 78879 | •               | 1                |
| 4                 | .014      | 1/4"          | 1/2"        | 7/8"        | 20,000  | 78880 | •               | 1                |
| 4                 | .020      | 1/4"          | 1/2"        | 7/8"        | 20,000  | 78881 | •               | 1                |



• Call for availability and pricing.

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# Bi-Metal Reciprocating Saw Blades

Shatter-resistant Bi-Metal Saw Blades have greater durability and flexibility than single metal blades.

**Blades with 6 teeth per inch:** Used for demolition work in nail-embedded wood; also for fast cutting of composites.

**Blades with 10 teeth per inch:** Used for demolition work in nail-embedded wood; also on pipe, stainless steel, carbon steel up to 1/4" thick.

**Blades with 18 teeth per inch:** Used on pipe, stainless steel, carbon steel up to 3/16" thick.







| Blade Part No.  | Length x Width | Blade Thickness | Shaft Width | Teeth Per Inch | Package Quantity |
|---|----------------|-----------------|-------------|----------------|------------------|
|  90934 | 6" x Taper     | 0.05"           | 1/2"        | 6              | 1                |
|  90937 | 6" x 3/4"      | 0.035"          | 1/2"        | 18             | 1                |
|  90939 | 6" x 3/4"      | 0.035"          | 1/2"        | 10             | 1                |



## Reciprocating Files








For precision finishing on delicate parts and delicate substrates. Also used for deburring and detail work.

### Double Cut Swiss Pattern Files, 3-1/2" to 4" in Length

| File Shape   | File Part No. | Tang   | File Type                   | Package Quantity |
|--|---------------|--------|-----------------------------|------------------|
|  Rectangular<br>7.5 mm x 1.75 mm     | 90900         | Ø 3 mm | Straight "00" (Very Coarse) | 1                |
|  | 90901         | Ø 3 mm | Curved "0" (Coarse)         | 1                |
|  Square<br>4 mm x 4 mm              | 90910         | Ø 3 mm | Straight "00" (Very Coarse) | 1                |
|  | 90911         | Ø 3 mm | Curved "0" (Coarse)         | 1                |
|  Three Square<br>4 mm x 4 mm x 4 mm | 90920         | Ø 3 mm | Straight "00" (Very Coarse) | 1                |
|  | 90921         | Ø 3 mm | Curved "0" (Coarse)         | 1                |
|  Half Round<br>5 mm x 2.5 mm        | 90930         | Ø 3 mm | Straight "00" (Very Coarse) | 1                |
|  | 90931         | Ø 3 mm | Curved "0" (Coarse)         | 1                |
|  Crochet<br>8 mm x 1.5 mm           | 90940         | Ø 3 mm | Straight "00" (Very Coarse) | 1                |
|  | 90941         | Ø 3 mm | Curved "0" (Coarse)         | 1                |
|  Round<br>Ø 4 mm                    | 90950         | Ø 3 mm | Straight "00" (Very Coarse) | 1                |
|  | 90951         | Ø 3 mm | Curved "0" (Coarse)         | 1                |



### Files, 6" in Length

| File Shape   | Part Number | Tang           | Cut  | Package Quantity |
|--|-------------|----------------|--|------------------|
|  Rectangular<br>10 mm x 3 mm              | 90980       | Ø 6 mm         | Swiss Pattern Straight Double Cut "00" (Very Coarse) | 1                |
|  | 90985       |                | Swiss Pattern Curved Double Cut "0" (Coarse)         | 1                |
|  Half Round<br>10 mm x 4 mm               | 90981       | 11 mm x 2.5 mm | Swiss Pattern Straight Double Cut "00" (Very Coarse) | 1                |
|  | 90986       |                | Swiss Pattern Curved Double Cut "0" (Coarse)         | 1                |
|  Round, Ø 6 mm                            | 90982       | Ø 6 mm         | Swiss Pattern Straight Double Cut "00" (Very Coarse) | 1                |
|  Tapered Round<br>Ø 6 mm x Ø 2.4 mm       | 90979       | Ø 6 mm         | Swiss Pattern Straight Single Cut "00" (Very Coarse) | 1                |
|  Three Square<br>8.5 mm x 8.5 mm x 8.5 mm | 90983       | Ø 6 mm         | Swiss Pattern Straight Double Cut "00" (Very Coarse) | 1                |
|  | 90988       |                | Swiss Pattern Curved Double Cut "0" (Coarse)         | 1                |
|  Square<br>6 mm x 6 mm                    | 90984       | Ø 6 mm         | Swiss Pattern Straight Double Cut "00" (Very Coarse) | 1                |
|  | 90989       |                | Swiss Pattern Curved Double Cut "0" (Coarse)         | 1                |
|  Rectangular<br>16 mm x 2.8 mm            | 90905       | 6 mm x 2.8 mm  | Aluminum Type A Flat                                 | 1                |

Ø = Diameter

## Diamond Mounted Cut-Off Wheels

Utilized for fiberglass mold and flash trimming, plus trimming of composite components.

| Wheel Diameter | Wheel Part No. | Mandrel Width | Mandrel Length | Wheel Thickness | Diamond Grit Wrap | Maximum RPM | Wheel Type     | Package Quantity |
|----------------|----------------|---------------|----------------|-----------------|-------------------|-------------|----------------|------------------|
| 3"             | 93906          | 3/8"          | 2-1/4"         | 3/32"           | 1/8"              | 20,000      | Continuous Rim | 1                |
| 3"             | 93907          | 3/8"          | 2-1/4"         | 3/32"           | 1/8"              | 20,000      | Side Spoked    | 1                |



## Diamond Cut-Off Wheels

Utilized for fiberglass mold and flash trimming, plus trimming of composite components.

- **Continuous Rim:** Used most commonly for fiberglass cutting.
- **Continuous Rim with Side Spoke:** Used for sawing thicker material and curved surfaces, without jamming the wheel and stalling the tool.
- **Gulleted/Slotted:** Used for cutting fiberglass 3/4" thick or more.

| Wheel Diameter | Wheel Part No. | Center Hole | Wheel Thickness | Diamond Grit Wrap | Maximum RPM | Wheel Type         | Grit  | Package Quantity |
|----------------|----------------|-------------|-----------------|-------------------|-------------|--------------------|-------|------------------|
| 3"             | 93917          | 3/8"        | 3/32"           | 1/8"              | 20,000      | Continuous Rim     | 40/50 | 1                |
| 3"             | 93646          | 3/8"        | 3/32"           | 1/8"              | 20,000      | Side Spoked        | 40/50 | 1                |
| 3"             | 93658          | 3/8"        | 3/32"           | 1/8"              | 20,000      | Gulleted / Slotted | 40/50 | 1                |
| 4-1/2"         | 94912          | 3/8"        | 3/32"           | 1/8"              | 20,000      | Gulleted / Slotted | 40/50 | 1                |
| 5"             | 93921          | 3/4"        | 3/32"           | 1/8"              | 15,000      | Continuous Rim     | 40/50 | 1                |
| 5"             | 93650          | 3/4"        | 3/32"           | 1/8"              | 15,000      | Side Spoked        | 40/50 | 1                |
| 5"             | 93662          | 3/4"        | 3/32"           | 1/8"              | 15,000      | Gulleted / Slotted | 40/50 | 1                |



## Dynascaler Flaps and Hub

For use with Dynabrade Dynascaler Surface Preparation Tool. Excellent for flat areas and large vertical surfaces, including beams, girders, and tank shells; near walls or within confined surfaces. Also for removing paint, corrosion, oxide and mill scale.

### Flaps (Type C)

| Flap Size | Heavy Duty | Package Quantity |
|-----------|------------|------------------|
| 2"        | 39002      | 6                |

### Hub

| Hub Width | Part Number | Package Quantity |
|-----------|-------------|------------------|
| 2-1/4"    | 30330       | 1                |



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## Dynabrade Scribe Points & Chisels

For use with Dynabrade DynaPen Tool. Scribe Points are made of high-carbon steel, and are ideal for engraving metal, wood, stone, glass and composites. Chisels are effective for removing parting lines on metal and plastic. Utilized by dental mold-makers, jewelers, artists and in archeology shops.

| Part Number | Item Description | Shaft Diameter | Tip Width |
|-------------|------------------|----------------|-----------|
| 90990       | Scribe Point     | 1/8"           | •         |
| 90991       | Scribe Point     | 3 mm           | •         |
| 90992       | Narrow Chisel    | 1/8"           | 1/8"      |
| 90993       | Narrow Chisel    | 3 mm           | 3 mm      |
| 90994       | Wide Chisel      | 1/8"           | 1/4"      |
| 90995       | Wide Chisel      | 3 mm           | 6 mm      |



# Grit Grading Systems

| ANSI or CAMI | FEPA (P-Grade) | Micro-Mesh Aluminum Oxide | Micro-Mesh Regular | Micro-Mesh MX | Micron | DynaBrite® Surface Conditioning |
|--------------|----------------|---------------------------|--------------------|---------------|--------|---------------------------------|
| •            | •              | 12000 AO                  | 12000              | •             | •      | •                               |
| •            | •              | 8000 AO                   | 8000               | 1200 MX       | •      | •                               |
| •            | •              | 6000 AO                   | 6000               | 800 MX        | •      | •                               |
| 1500         | •              | 4000 AO                   | 4000               | 600 MX        | •      | •                               |
| 1350         | •              | 3600 AO                   | 3600               | •             | •      | •                               |
| 1200         | •              | 3200 AO                   | 3200               | •             | •      | •                               |
| •            | P2500          | •                         | •                  | 400 MX        | 6      | •                               |
| 1000         | •              | •                         | •                  | •             | •      | Ultra Fine                      |
| •            | P2000          | •                         | •                  | 360 MX        | 10     | •                               |
| •            | •              | 2400 AO                   | 2400               | 320 MX        | •      | •                               |
| 800          | P1500          | •                         | •                  | •             | 12     | •                               |
| 600          | •              | 1800 AO                   | 1800               | •             | 15     | Super Fine                      |
| •            | P1200          | •                         | •                  | •             | •      | •                               |
| 500          | P1000          | •                         | •                  | •             | •      | •                               |
| •            | P800           | •                         | •                  | 240 MX        | 22     | •                               |
| 400          | •              | 1500 AO                   | 1500               |               | 30     | •                               |
| •            | P600           | •                         | •                  | •             | •      | •                               |
| 360          | •              | 800 AO                    | •                  | •             | •      | •                               |
| •            | P500           | •                         | •                  | •             | •      | •                               |
| •            | P400           | •                         | •                  | •             | 35     | •                               |
| 320          | •              | 600 AO                    | •                  | 180 MX        | •      | Very Fine                       |
| 280          | P360           | •                         | •                  | 150 MX        | 40     | •                               |
| 240          | •              | •                         | •                  | •             | 50     | Fine                            |
| •            | P320           | •                         | •                  | 120 MX        | 52     | •                               |
| •            | P280           | •                         | •                  | 100 MX        | •      | •                               |
| •            | •              | •                         | •                  | 80 MX         | •      | •                               |
| •            | P240           | •                         | •                  | 60 MX         | •      | •                               |
| 220          | P220           | •                         | •                  | •             | 60     | •                               |
| 180          | P180           | 300AO                     | •                  | •             | 80     | •                               |
| 150          | •              | •                         | •                  | •             | 100    | Medium                          |
| •            | P150           | •                         | •                  | •             | 110    | •                               |
| 120          | •              | •                         | •                  | •             | 120    | Coarse                          |
| •            | P120           | •                         | •                  | •             | 125    | •                               |
| 100          | •              | •                         | •                  | •             | 150    | Extra Coarse                    |
| •            | P100           | •                         | •                  | •             | •      | •                               |
| 80           | •              | •                         | •                  | •             | 180    | •                               |
| •            | P80            | •                         | •                  | •             | •      | •                               |
| •            | P60            | •                         | •                  | •             | •      | •                               |
| 60           | •              | •                         | •                  | •             | •      | •                               |
| •            | P50            | •                         | •                  | •             | •      | •                               |
| 50           | •              | •                         | •                  | •             | •      | •                               |
| •            | P40            | •                         | •                  | •             | •      | •                               |
| 40           | •              | •                         | •                  | •             | •      | •                               |
| •            | P36            | •                         | •                  | •             | •      | •                               |
| 36           | •              | •                         | •                  | •             | •      | •                               |
| •            | P30            | •                         | •                  | •             | •      | •                               |
| 30           | •              | •                         | •                  | •             | •      | •                               |
| 24           | •              | •                         | •                  | •             | •      | •                               |
| •            | P24            | •                         | •                  | •             | •      | •                               |

1" = 25.4 mm

1 mm = 0.039370"

1μ = 0.000039"

FEPA = Federation of European Producers of Abrasive Products  
CAMI = Coated Abrasives Manufacturers Institute





# ***PRODUCT & SAFETY INFORMATION***

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**PRODUCT & SAFETY INFORMATION**

# Safety Comes First

## Maximizing Value Through Proper Use and Care

### General Safety Information

- Do not use Dynabrade® Abrasive Power Tools for anything other than their intended application.
- For best performance, use a recommended air line Filter-Regulator-Lubricator to always maintain 90 PSIG (6.2 Bar), unless otherwise stated. Pressure should be checked at the tool inlet while the tool is running.
- Do not expose air tool to inlet pressure above 90 PSIG (6.2 Bar).
- Always use recommended air hose, fittings and couplers and inspect them for wear and damage and replace when necessary.
- On a regular basis, check free speed of power tool with tachometer to ensure proper functionality of tools.
- A tool with unusual sound and/or vibration must not be operated and must be inspected and repaired. Hand/wrist/arm injury may result from repetitive motion or prolonged exposure to vibration.
- A preventative maintenance schedule is recommended to ensure the proper functionality of power tools.
- Never lubricate or clean tools with flammable or volatile liquids.
- Dynabrade® Power Tool labels must be legible at all times. If not, reorder label(s) and replace.
- To prevent injury, always use eye, face, respiration, hearing and body protection while operating, or in areas where abrasive power tools are being operated.
- Be sure that any loose clothing, hair and all jewelry is properly restrained.
- Keep hand and clothing away from working end of the power tool.
- Always work with firm footing, posture and proper lighting.
- Do not apply excessive force on a tool or apply “rough” treatment to the tool.
- Operate power tools with attention to the consistency of the work environment and the tool itself.
- Follow safety procedures posted in work area.
- Make sure that the work area is uncluttered, and visitors are at a safe range from the tools and debris.
- Use a vise or clamping device to hold work piece firmly in place.
- Electric Machines – Make sure proper electrical codes are followed, including safe wiring and proper grounding.

### Accessories and Abrasives

- Tool RPM must never exceed accessory RPM rating. Check accessory manufacturer for details on maximum operating speed or special mounting instructions.
- Always disconnect power before changing accessories or making machine adjustments and repairs.
- The aluminum Dynaswivel® air line connector or similar accessories must never be used on percussion tools such as chippers and rammers.
- Do not use damaged, bent or severely worn accessories.
- When using any tool with an abrasive product, follow all safety guidelines of abrasive manufacturers.

### Safe Operating Practices for Grinders and Sanders

- Every person involved in operating, repairing and/or supervising grinding machines or wheels should be familiar with the contents of ANSI B7.1.

- Never mount non-reinforced grinding wheels on any Dynabrade tool.
- If the speed is higher than the RPM marked on the tool, the tool must be serviced to correct the cause of the over speed condition before use.
- Always use required wheel guards. Never remove a wheel guard that has been specified for the machine. Damaged, bent and severely worn guards must be replaced.
- Improper mounting of grinding wheels is one major cause of grinding wheel failure. Each type of grinding wheel requires a different mounting method, spindle diameter and flange dimension.
- In every case, the Safety Code (ANSI B7.1) should be consulted for proper handling, storage, inspection and mounting information.
- All grinding wheels and mounting accessories should be closely inspected before installation and use.
- Protect accessories from exposure to water, solvents, high humidity, freezing temperatures and extreme temperature changes. Store accessories in protective racks or compartments to prevent damage.
- When using a new grinding wheel, or one that has been out of service for an extended period of time, the operator should start the machine under a steel workbench with proper wheel guard in place. It should be run for at least one minute. If the wheel is defective or improperly mounted, this is the time it will usually fail.
- Proper machine maintenance procedures are one of the most important aspects of safety in the use of abrasive wheels. Particular attention should be placed to those components or parts which can effect the speed (RPM) of a tool, such as governors on air grinders.

### Machine Specifications

Machine specifications are believed to be accurate at time of printing. However, due to design changes, exact specifications of current tools may vary from the listed data.

It is our policy to test and measure our tools in a ready-to-use condition and to state the test results in industry-accepted terms. Dynabrade measures typical production tools using the recommended air hose size, 90 PSIG air line pressure measured at tool inlet, and all muffling and speed control mechanisms. Compromises to these real-use operating conditions can artificially enhance performance measurements.

#### *For tool specifications listed in this catalog:*

- **HOSE SIZE** denotes the recommended inside diameter of the air hose that should be used with the tool for maximum performance.
- **WEIGHT** includes all the parts required to run the tool except the airline, abrasive, or attachment.
- **RPM** is measured under no-load conditions.
- **HORSEPOWER** is an averaged maximum rating of production tools under ready-to-use conditions.
- Maximum air flow is measured in **STANDARD CUBIC FEET PER MINUTE (SCFM)** and is an averaged maximum rating, recorded at free speed on non-governed tools or at maximum horsepower on governed tools. Dynabrade adheres to this standard of measurement.  
  
It is usually sufficient to directly compare the SCFM of the tool with the compressor's inlet CFM rating to determine how many tools a particular compressor will run. Depending upon the duty cycle of the tools, a compressor with a storage tank may allow it to run tools with a larger consumption than it's output.
- **SOUND LEVEL** is the sound pressure measurement according to the method outlined in ISO regulation ISO-15744.





# Safety Guidelines

## For Various Abrasive Power Tools

**Safety Booklet included with tool must be read and understood before operating any portable pneumatic tool!**




- This page must be read and understood by operating personnel and safety manager. Protection to operating personnel, as well as adjacent areas, shall be maintained at all times.
- Always comply with: General Industry Safety & Health Regulations ([www.osha.gov](http://www.osha.gov)), EN Standards for Hand Held Non-Electric Power Tools ([www.cen.eu](http://www.cen.eu)), American National Standards Institute ([www.ansi.org](http://www.ansi.org)) and Regional Regulations.
- Additional safety reference materials are available at [www.dynabrade.com](http://www.dynabrade.com).

## Safety Signal Words

|   |  |
|---|--|
|  | Indicates a hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations.  |
|  | Indicates a hazardous situation that, if not avoided, could result in death or serious injury.   |
|  | Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury. It may also be used without the safety alert symbol as an alternative to "NOTICE."   |
|  | Is the preferred signal word to address practices not related to personal injury. The safety alert symbol shall not be used with this signal word. As an alternative to "NOTICE", the word "CAUTION" without the safety alert symbol may be used to indicate a message not related to personal injury. |

## Safety Symbols

Dynabrade Inc. safety labels/symbols follow the guidelines outlined in ISO 3864. In order to help users understand the meaning of the safety labels/symbols, the standard allows the reproducing of the figures and captions below. Some colored symbols are reproduced in this document in grayscale. A complete color version may be found at [www.dynabrade.com](http://www.dynabrade.com).

|   |   |   |   |   |  |
|---|---|---|---|---|--|
|  | <b>WARNING</b><br>A black graphical symbol inside a yellow triangle with a black triangular band defines a safety sign that indicates a hazard. |  | <b>PROHIBITION</b><br>A black graphical symbol inside a red circular band with a red diagonal bar defines a safety sign that indicates that an action shall not be taken or shall be stopped. |  | <b>MANDATORY ACTION</b><br>A white graphical symbol inside a blue circle defines a safety sign that indicates that an action shall be taken to avoid a hazard. |
|---|---|---|---|---|--|

For consistency Dynabrade Inc. also uses the above symbols and word definitions in collateral material, which includes this Pneumatic Tool Safety Guidelines. For product safety information in Product Manuals, Instructions, and other Collateral Materials, Dynabrade Inc. adheres to ANSI Z535.6-2006.

|   |                                     |   |                                     |   |                     |
|---|-------------------------------------|---|-------------------------------------|---|---------------------|
|  | Refer to Instruction Manual/Booklet |  | Fire Hazard                         |  | Safety Alert        |
|  | Eye Protection Must Be Worn         |  | Explosion Hazard                    |  | Air Hose Hazard     |
|  | Electric Shock Hazard               |  | Hearing Protection Must Be Worn     |  | Entanglement Hazard |
|  | Vibration Hazard                    |  | Respiratory Protection Must Be Worn |   |                     |



# Safety Guidelines

## For Various Abrasive Power Tools

| Abrasive Type   | Mounting Features  |   |  |   |                                   | Guard Requirements   | Diagram<br>Proper Mounting Procedure                                    |
|---|--|---|--|---|-----------------------------------|--|---|
|   | Abrasive Size  | Driving Flange  | Blotters   | Outer Flange  | Additional Safety                 |  |   |
| Type 27<br>Reinforced<br>Depressed<br>Center Wheels,<br>Flap Wheels | Ø3" (75 mm)<br>and Ø4" (100 mm)<br>with 3/8" (10 mm)<br>Center hole  | Requires a special support adapter that extends beyond the raised hub and contacts the wheel      | Not required   | Smaller diameter than the Drive Flange to fit the depressed area of the wheel   | -                                 | <ul style="list-style-type: none"> <li>• 180° minimum Operator Protection</li> <li>• Lip Feature</li> <li>• Lip Feature must extend past face of wheel</li> </ul>  |   |
|   | Alternate flanging for wheels less than or equal to Ø5" (125 mm) with Ø5/8" (16 mm) or Ø7/8" (22 mm) Center hole | A special support adapter may be used or straight unrelieved flange 1/3 of wheel diameter minimum | Not required   | 1/3 of wheel diameter may be smaller to fit the depressed area of the wheel. Requires centering boss to extend within wheel center hole | -                                 | <ul style="list-style-type: none"> <li>• 180° minimum Operator Protection</li> <li>• Lip Feature</li> <li>• Lip Feature must extend past face of wheel</li> </ul>  |   |
|   | Greater than Ø5" (125 mm) with 7/8" (22 mm) Center hole  | Requires a special support adapter that extends beyond the raised hub and contacts the wheel      | Not required   | 1/3 of wheel diameter may be smaller to fit the depressed area of the wheel. Requires centering boss to extend within wheel center hole | -                                 | <ul style="list-style-type: none"> <li>• 180° minimum Operator Protection</li> <li>• Lip Feature</li> <li>• Lip Feature must extend past face of wheel</li> </ul>  |   |
| Type 11<br>Flaring Cup<br>Wheels                                    | 6" (150 mm) maximum  | Straight unrelieved flange 1/3 of wheel diameter minimum  | Required between flange and wheel  | -   | Recommend wheel retainer hardware | <ul style="list-style-type: none"> <li>• 180° minimum Operator Protection</li> <li>• Adjustable skirt (shell)</li> <li>• Adjustable skirt to within 1/8" (3 mm) of the wheel face</li> </ul>               |   |
| Type 1<br>Reinforced<br>Straight Wheels                             | Up to 4" (100 mm) diameter Greater than 1/8" (3 mm) thick  | Straight relieved flange 1/3 of wheel diameter minimum  | Required on both sides of wheel. Loose blotters must be replaces when mounting a new wheel | Straight relieved flange matching diameter to Driving Flange  | Requires retaining Spindle Nut    | <ul style="list-style-type: none"> <li>• 180° minimum Operator Protection</li> <li>• Lip Feature</li> <li>• Lip Feature must extend past face of wheel</li> <li>• A guard cover is not required</li> </ul> |   |
| NOTE: Intended for general reference use only.                      |  |   |  |   |                                   |  | Always refer to ANSI B7.1, B186.1 and EN 792 for detailed requirements. |

# Safety Guidelines

## For Various Abrasive Power Tools

| Abrasive Type   | Mounting Features  |  |  |  |   | Guard Requirements   | Diagram<br>Proper Mounting Procedure |
|---|--|--|--|--|---|--|--------------------------------------|
|   | Abrasive Size  | Driving Flange   | Blotters   | Outer Flange   | Additional Safety   |  |                                      |
| <b>Type 41</b><br>(formerly Type 1 cut-off)<br><b>Reinforced Straight Wheels</b>  | Up to 4" (100 mm) diameter equal to or less than 1/8" (3 mm) thick | Straight relieved flange 1/4 of wheel diameter minimum   | Required on both sides of wheel. Loose blotters must be replaces when mounting a new wheel | Straight relieved flange matching diameter to Drive Flange | —   | <ul style="list-style-type: none"> <li>• 180° minimum Operator Protection</li> <li>• Lip Feature</li> <li>• Lip Feature must extend past face of wheel</li> <li>• A guard cover is not required</li> </ul> |                                      |
| <b>Type 16 - 19</b><br><b>Cone or Plug Wheels</b>   | Ø1" (25 mm) to Ø3" (75 mm)   | Straight unrelieved flange 1/3 of wheel diameter minimum | Required between flange and wheel  | —  | See safety standards for proper Spindle thread length     | <p>Not required where the work offers protection or where the size does not exceed 2" (51 mm)</p>  |                                      |
| <b>Die Grinders</b>   | All Mounted Wheels and Burrs                                       | Collet   | —  | —  | Excessive overhang reduces MOS See safety standard tables | Not Required   |                                      |
| <b>Routers</b>  | Router Bits Ø3/8" (9.5 mm) mandrel max.                            | Collet   | —  | —  | Must use Base Plate to control cut                        | Not Required   |                                      |
| <b>Rotary Sanders</b>   | Round abrasive discs Ø9" (230 mm) max.                             | Backup pad supports abrasive disc                        | —  | Retaining nut secures abrasive disc                        | Abrasive disc must not exceed 1/4" (6 mm) overhang        | Not Required   |                                      |
| <b>NOTE:</b> Intended for general reference use only. Always refer to ANSI B7.1, B186.1 and EN 792 for detailed requirements. |  |  |  |  |   |  |                                      |

# Pneumatic Power Tools Have Several Advantages over Electric Power Tools

One of the major advantages is durability, however, to make full use of that advantage some important steps must be followed.

## A sufficient supply of compressed air is necessary

The air system must be able to deliver an adequate volume of air and maintain the rated operating pressure at the inlet of the tool.

## The supply of air must be free of contamination

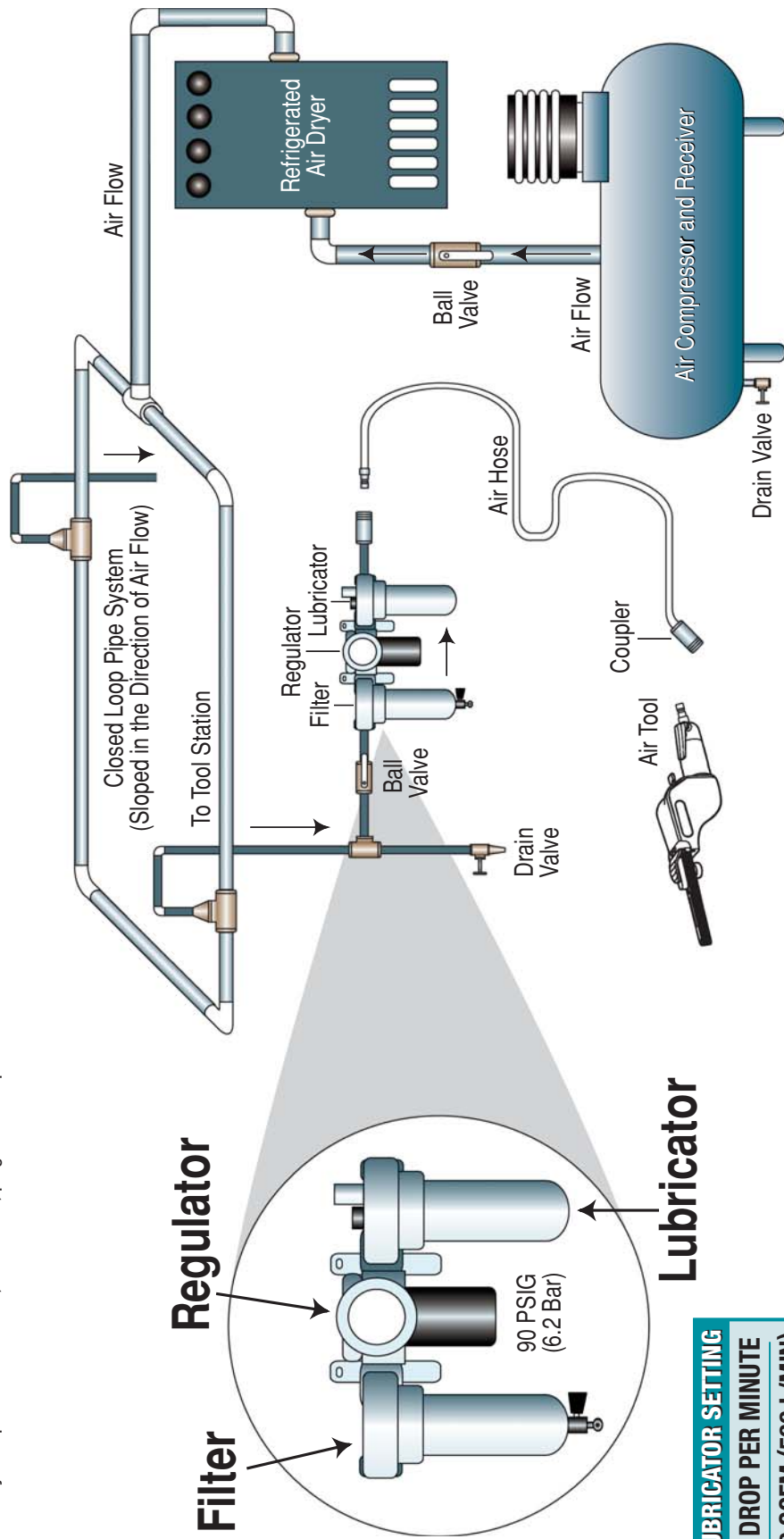
The types of contamination that need to be eliminated are water (condensation produced by the temperature change while compressing the air), rust scale (rust particles produced inside iron pipes), and atmospheric dust, (dust that is pulled into the compressor from the work environment). Also, it is important to keep dust and debris from entering the air motor when the tool is disconnected from the air supply hose. Always keep the tool air inlet, hose ends, plugs and couplers clear of dust.

## Lubrication (oil) through the air supply is important

Supplying oil to rotary vane air motors reduces friction and wear of the moving parts and provides protection for steel components.

## Filter-Regulator-Lubricator is Recommended

As an air tool manufacturer, Dynabrade recommends the use of a Filter-Regulator-Lubricator at each tool station. We also encourage the use of correctly sized accessories that will deliver a sufficient supply of air. Some examples of Dynabrade air tool accessories are Dynaswivel® airline connectors, quick disconnect fittings, and in-line blow guns. All of these accessories make for suitable additions to any compressed air system.



### LUBRICATOR SETTING

1 DROP PER MINUTE

20 SCFM (566 L/MIN)



# Selecting A Compressor

## Guidelines for Matching Proper Compressor to Workplace

### A) Compressor Type *Base on your PSIG (Bar) needs*

**0 to 80 PSIG (5.5 Bar)**— You may only need a single stage compressor.

**80 to 250 PSIG (17.2 Bar)**— You will need a two-stage compressor.

Two-stage compressors are recommended when tool use is continuous.

**Note:** Dynabrade air tools require operating air pressure of 90 PSIG (6.2 Bar).

### B) Air Consumption

Determine the total demand SCFM (L/Min). List the requirements for all equipment, tools and other air consumption variables (both continuous and intermittent air usage demands).

### C) Compressor Horsepower (hp)

Use the determined total demand SCFM (L/Min) and add approximately 20% for system variables.

Add \_\_\_\_\_% for (your) future growth.

If the above total equals less than 100 SCFM (2,832 L/Min) divide this total by 4 to find the compressor hp.

If the total is over 100 SCFM (2,832 L/Min) divide by 5 to find the compressor hp.

**Example:** System requirements = 165 SCFM (4,673 L/Min) @ 100 PSIG (6.9 Bar)

$$165 \div 5 = 33 \text{ hp}$$

Resulting in a suggested compressor size:

**30 hp to 40 hp compressor**

### D) Tank Size

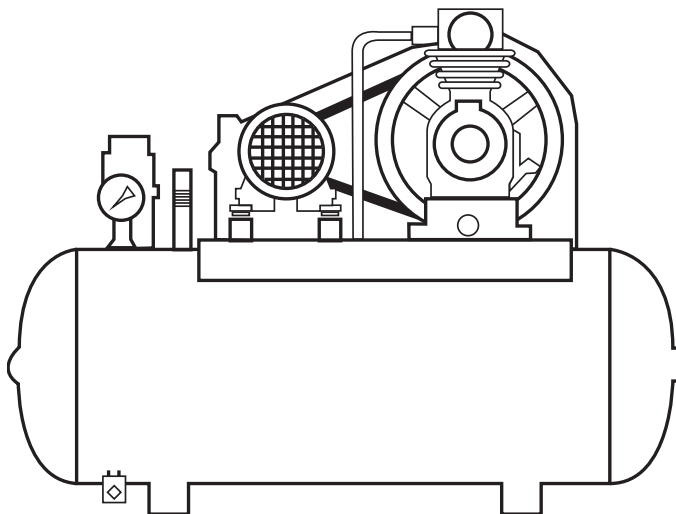
As a general rule, the larger the tank, the better the system. Use a larger tank for installations where large flows of short duration are needed.

**Example:** For a 5 hp compressor use a **60 Gal. (227 L)**, **80 Gal. (303 L)** or **120 Gal. (454 L)** storage tank.

### E) Controls

**Stop-Start**— The motor stops when the compressor unloads and starts again when the pressure in the receiver drops. Use a stop-start pressure switch control for a small system. (Compressors up to 15 hp.)

**Continuous Run**— Equipped with constant pressure control, loading and unloading as the supply of compressed air in the receiver drops or reaches a maximum.



# Maintaining Adequate Air Flow

## Prevent and Eliminate Air Supply Restrictions

### Common Causes of Restriction

- The air supply hose is too long.
- The inside diameter (I.D.) of the hose is too small.
- The air connections or fittings have inside diameters that are too small.
- There are too many air connections or fittings being used.
- If an inline filter is being used, the unit may be too small or the filter element may be plugged.
- If an inline regulator is being used, the unit may be too small, not adjusted properly or defective.
- The air supply hose, air fitting, air tool inlet or air tool exhaust may be plugged.
- If the air tool has a speed regulator, it may be closed.

### Air Hose Supply

- Use the air supply hose with the correct inside diameter as is recommended by the air tool manufacturer.
- Use the shortest air supply hose possible for the task being performed.
- Longer air supply hoses require larger inside diameters.
- Coiled air supply hoses appear much shorter than they actually are. When using a coiled hose, make sure that the inside diameter is large enough to compensate for the length (see chart below).

### Air Supply Hose Recommended Chart

- Choose the correct Inside Diameter (I.D.) and Length of Air Supply Hose.

**NOTE:** To increase the length of air supply hose it will be necessary to increase the inside diameter of the hose.

| Air Motor SCFM<br>(Standard Cubic Feet Per Minute) | Hose & Fitting<br>I.D. Required | Recommended Length<br>Air Supply Hose |
|--|---------------------------------|---------------------------------------|
| 22 SCFM (623 L/Min)                                | 1/4" (8 mm)                     | 1' - 8' (0.3048 m - 2.44 m)           |
| 28 SCFM (793 L/Min)                                | 3/8" (10 mm)                    | 1' - 25' (0.3048 m - 7.6 m)           |
| 35 SCFM (991 L/Min)                                | 3/8" (10 mm)                    | 1' - 20' (0.3048 m - 6.10 m)          |
| 45 SCFM (1,274 L/Min)                              | 3/8" (10 mm)                    | 1' - 10' (0.3048 m - 3.042 m)         |
| 73 SCFM (2,067 L/Min)                              | 1/2" (15 mm)                    | 1' - 20' (0.3048 m - 6.10 m)          |

### Air Supply Hoses *(Available from Dynabrade)*

- 3/8" I.D. with two male 1/4" NPT fittings. **Part No. 11292** - 8 feet (2.44 m) long (see page 226)
- 1/2" I.D. with one male and one female 1/2" NPT fitting. **Part No. 95870** - 5 feet (1.53 m) long (see page 226)
- 8 mm I.D. and 10 mm I.D. lightweight hoses (see page 225)

## The Cost Of An Air Hose Leak

### One 1/16" hole in a hose leaks at 100 PSIG:

- 4.25 cubic feet per minute (CFM)
- 255 cubic feet per hour
- 2,040 cubic feet in an 8-hour day
- 6,120 cubic feet per 24 hours

### The cost of one leaking air hose:

$$\begin{array}{rclclcl} 240 & \times & 6,120 & = & 1,468,800 \\ \text{working days} & & \text{leakage in cf} & & \text{air lost in cf} \\ \text{per year} & & \text{per 24 hours} & & \text{per year} \\ 1,468,800 & \times & \$0.00041^* & = & \text{US \$602.21}^* \\ \text{air lost in cf} & & \text{cost per cf based on typical} & & \text{total cost} \\ \text{per year} & & \text{energy costs per kilowatt-hour} & & \text{per year!} \end{array}$$

\*Costs will vary based on local charges per kilowatt-hour.

## Plug Connectors

### Compare Airflow SCFM (L/Min)

- All information based upon size of I.D. at 90 PSIG (6.2 Bar) in conjunction with mating coupler.
- NPT (National Pipe Thread) is the thread size (such as 1/4" NPT).

#### Common Plug Connector 25 SCFM (708 L/Min)



#### Dynabrade Plug Connector 76 SCFM (2,152 L/Min)



# Healthy Work Environment

## The Term “Ergonomics” can be Defined as the Study of Work

### Ergonomics

Ergonomics helps adapt the job to the person, rather than forcing the person to fit the job. Adapting the job to fit the worker can help reduce ergonomic stress and eliminate many potential ergonomic disorders. The objective of ergonomics is to adapt the job and workplace to the worker by designing tasks, work stations, tools and equipment that are within the worker's physical capabilities and limitations. Major causes of many current ergonomic problems are technological advances such as more specialized tasks, higher assembly line speeds, and increased repetition, plus a lack of ergonomically designed technologies. Consequently,

worker's hands, wrists, arms, shoulders, backs and legs may be subjected to thousands of repetitive twisting, forceful or flexing motions during a typical workday. In many instances, some machine tools and work environment are often poorly designed, placing undue stress on the worker's tendons, muscles and nerves. Recognizing ergonomic hazards in the workplace is the essential first step in correcting the hazards and improving worker protection. The proper Dynabrade tool and work environment can help reduce the contributing factors associated with cumulative trauma disorders.

### Dynabrade Tools Meet the Following High Quality Standards

Ergonomics and operator comfort have worked their way into each Dynabrade air tool design. Factors including, vacuum, vibration, insulation and noise (VVIN) are addressed at every integral design stage. VVIN is now critical to our research and development of new products as we continue to meet the challenging needs of the market place.

#### Vacuum

Airborne sanding particles can cause severe inflammation of the eyes and lung tissue, varying on the degree of exposure and the type of airborne contaminants involved. It is because of this danger that Dynabrade manufactures self-generated and central vacuum tools that direct airborne sanding particles away from the operator and the air motor, reducing contamination and the cause of risk to the operator.



#### Vibration

All hand-held machines transmit vibration to an operator's hand while in operation. Operators that work with vibrating machines for extended periods of time risk many types of injury. The most common are vascular injury, nerve injury, skeletal injury and joint injury. To help reduce vibration, we have built-in features such as composite housings and rubber overmolds, plus superiorly balanced motors and shafts. In addition, Dynabrade premium Sanding Pads are manufactured with unique one-piece hub assembly, ensuring lower vibration levels.

#### Insulation

Cold caused by pneumatic powered tools can cause a variety of work related injuries. Dynabrade manufactures a variety of tools with thermal-insulated housings that help prevent cold temperature transmission to the operator, reducing the risk of white finger disease and other related injuries.



#### Noise

High sound levels over an extended period of time can damage hearing. New enhancements to muffling systems, exhaust overhose protection and other tool design factors further reduce tool sound levels in the workplace.

#### Properly Designed Tool

An example of how a properly designed tool assists in reducing work injuries is Dynabrade's 7° Offset, Gearless Front Exhaust Die Grinder:

- Lightweight composite housing with anti-slip ring reduces cold air transmission to operator's hand.
- Handle is offset 7° for greater operator comfort and control.
- Gearless design reduces vibration.
- Smaller collet design reduces excessive run-out and reduces vibration.
- Low profile for greater operator control to work in hard to reach areas.



#### Unique Vacuum Design

Anti-clog design enhances vacuum pick-up and directs dust away from the air motor. Ask about our self-contained dust collection systems and vacuum shrouds.



#### Less Vibration

Composite base and integrated rubber over-mold create a non-slip feel and insulate from cold air.

#### Insulated Handle

Helps insulate from cold air... now standard on most tools.



#### Low Sound Levels

Rear exhaust muffler standard on many models.



#### Optional Overhose Assembly

May be used to further reduce noise levels by as much as 5 dB(A). Overhose redirects exhaust away from operator and workpiece.





# Performance Assurance

## Air Tool and Air System Inspection/Diagnosis

### Air Tool Inspection

- ☐ Inspect the air tool.



- ☐ Is the tool's air inlet clean?



- ☐ Is the tool's exhaust (muffler/silencer) clean?



- ☐ Has the motor been oiled?



This silencer shows evidence of oil.



This air motor received "Last-Rites Oil."

Notice, the puddle of oil appears clean.

- ☐ Can the tool's spindle be turned by hand?



"The spindle won't turn." This usually indicates broken vanes.

Generally, broken vanes indicate that the motor has not been oiled regularly.

### Air System Check

#### Tachometer

- ☐ Affix a 1/2" (12 mm) square piece of reflective tape to the tool's spindle or pad.
- ☐ Aim the Laser Pointer at the reflective tape and run the tool. (Operational distance: 2"/50 mm to 20"/500 mm)
- ☐ Read RPM. (Notice: Refer to User's Manual for more detailed instructions.)

#### PSI Gauge

- ☐ Connect Air Gauge and air supply hose to the air inlet of the tool.
- ☐ Run the tool and adjust air supply pressure to 90 PSIG (6.2 Bar).

#### Condition of Coupler and Plug

- ☐ Check for wear or damage to coupler and/or plug.
- ☐ Can the I.D. of the plug supply enough air to the tool?

#### Condition of Air Hose

- ☐ Check to see if the hose is frayed or cracked? (see "Cost of an Air Hose Leak" on reverse side)
- ☐ What is the length of the hose?
- ☐ Match length and I.D. of hose to air requirement of tool.
- ☐ Is there a hose reel?

#### Condition of Air Hose (Continued)

- ☐ How many coupler connections exist from the drop to the workbench?
- ☐ Are there any "T's" or a manifold at the workbench?
- ☐ How can Dynaswivel® prolong the life of the hose?

#### Filter-Regulator-Lubricator

- ☐ FRL – is it present? If yes, is it working?
- ☐ Filled with oil? Set for proper lubrication?
- ☐ What type of oil? (Weight, Non-detergent vs. Detergent – Notice: Non-detergent oils contain little to no solvents. Air Tool Oils with "conditioner" usually contain solvents. Example: Both Marvel® Air Tool Oil and Marvel® Mystery Oil contain mineral spirits, a common solvent used as paint thinner.)
- ☐ Are there reducer bushings being used to connect the air supply to the FRL?
- ☐ What size is the fitting connecting the FRL to the air line that is supplying the air to the workbench?
- ☐ Are there any "T's" or manifolds coming directly off the FRL?
- ☐ What material is the pipe that is carrying the air supply? Black Iron?



# How Easy is it to do Business with your Air Tool Company?

**Service, Quality and Commitment - that's the Dynabrade Difference**



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- **Same-Day or Next-Day USA Shipping**
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**Check Out Why Dynabrade Is the Global Leader in Random Orbital Sanding**



#### **Comfort Platform**

**USA Patent No. D610,428**  
Provides additional hand and wrist support.



#### **Auto-Recess Throttle Lever**

Lever recesses into housing when depressed, eliminating pressure point on operator's palm.



#### **Compact Grip Size**

Compact, vibration-absorbing grip is ideal for operators with smaller hands.



#### **Steel Cylinder & End Plates**

Steel cylinder and end plates stay perfectly aligned. Design of end plates keeps more air in cylinder, increasing motor efficiency!



#### **Low Sound Levels**

Muffling system reduces sound levels to as low as 76 dB(A). Threaded muffler cap stays tight as tool runs!



#### **Perfectly Balanced Sanding Pad**

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Perfectly balanced, weight-mated sanding pad with exclusive single-piece hub design!



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## Notes

## NOTES



# Notes

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