

Introduction



General Product Information	4
Dynabrade Distribution	5
Safety Comes First	5
Guide To Catalog Symbols	6
Conversion Tables	6

Abrasive Belt Tools



Dynafine®	8
Dynafine® II	11
.4 hp Dynafine® II	12
Vacuum Dynafine® II	13
Electric Dynafine® II	13
Mini-Dynafine® II	16
Dynafine® III	18
Dynabelter®	22
Dynangle	25
Dynangle II	26
"Take-About" Sander	27

Abrasive Finishing Tools



Dynastraight®	29
Lightweight Dynastraight®	34
Dynastraight® Flapper	35
Lightweight Dynastraight® Plus	35
DynaRover	36
Rolling Pin Sander	37
Mini-Dynisher	37
Dynisher	38
Electric Dynisher	39
Dyninger	40
Lightweight Dyninger	41
Industrial DynaZip	43

Random Orbital Sanders



Dynorbital-Spirit®	46
HiVac Dynorbital-Spirit®	48
Mesh Abrasive Systems	49
Dynorbital® Supreme	50
Two-Hand Dynorbital®	52
11" Dia. Dynorbital®	53
Palm-Style Mini-Orbital	54
7° Offset Mini-Orbital	55
Angle-Head Mini-Dynorbital®	56
Right Angle Mini-Orbital	57
Electric Dynorbital®	58

Gear-Driven & Finishing Sanders



DynaLocke®	61
Gear-Driven Sanders	62
11" Dia. Gear-Driven Sanders	63
Dynafine® Detail Sander	64
Dynafine® Finger Sander	64
Dynafine® "Backsplash" Sander	65
Dynafine® Raised Panel Sander	66
Dynabug® "Model T" Sander	67

Gear-Driven & Finishing Sanders (Cont'd.)

Dynabug® Sander	69
Dynabug® II Sander	70
Dynabug® II Mesh Abrasive System	72
11" Long File Board Sander	72
Dynaline Sander	73
Right Angle Mini-Orbital	74

Wet Sanders



Wet Dynorbital® Supreme	76
Right Angle Wet Sander	78
Wet Dynafine®	79
Wet Dynabug® "Model T"	80

Buffers & Polishers



Dynabuffer	82
"Two-Step" Repair System	83
3" Dia. Buffers	84
5" - 8" Buffers	87
6" - 8" Buffers	88
Straight-Line Buffer	89
Electric Buffer	89
Random Orbital Polishers / Head Kit	90

Die Grinders



Pencil Grinders	92
0.33 hp, 0.4 hp Die Grinders	95
0.4 hp Die Grinders	96
0.5 hp Die Grinders	101
0.55 hp Die Grinder	104
0.7 hp Die Grinders	105
1.0 hp Die Grinders	107

Disc Sanders



2" Dia. Disc Sanders	111
3" Dia. Disc Sanders	113
4" Dia. Disc Sanders	114
4-1/2" - 5" Dia. Disc Sanders	115
7" Dia. Disc Sanders	118

Grinders



Depressed Center Wheel Grinders	120
Type 1 Wheel Grinders	125
Cone / Plug Wheel Grinders	126
Cut-Off Wheel Tools	127
Vacuum Cut-Off Wheel Tools	129

Drills & Specialty Tools



Drills	131
Stockade Filer	135
Stockade Sander and Saw	136
Dynadie® III	137
Router	137
Dynascaler	138

Stationary Machines



Versatility Grinders	140
Tool Post Grinders	146
Bandsaw Blade Grinder	148
Wet Deburring Station	149

Dust Collection Systems



Portable Vacuum Systems	151
Portable Vacuum Accessories	152
Hose Cuffs	154
Exhaust Hoses, Swivel Adapters, Conversion Kits	155
Dust Collection Receptacles, Self-Contained Systems	156
Overskirt Shrouds, Exhaust Hoses, Air Lines	157
Downdraft Tables	158

Accessories



Air Supply Accessories	160
Arbors	186
Carbide Burrs and Carbide Burr Kits	189
Collets and Inserts	190
Contact Wheels and Assemblies	196
Couplers, Coupler/Plug Assemblies	161
Disc Pads, Misc.	178
Disc Sanding Pads & Assemblies	181
Drop-In Motors	190
Dynabug® "Model T" & Wet Dynabug® Pads	175
Dynabug® II Sanding Pads	176
Dynacushion® Pneumatic Wheels	183
Dynafine® & Dynafine® Backsplash Pads	173
DynaFlex Expander Wheels	185
DynaJet, Filter-Regulator-Lubricator	162
Dynaline Sanding Pads, Flat & Contoured	177
DynaMitt Sanding Glove	207
Dynamount Bench Mount	206
Dynaswivel® Air Line Connector	163
DynaWheel Pneumatic Wheels	182
DynaZip Wheels, Hubs, Assemblies	185
Dynūba, Lubricants and Grease	205
File Board & Dynabug® Sanding Pads	174
Finesse Creme and Glaze	206
Gear-Driven Sanding Pads, Hook-Face	172
Gear-Driven Sanding Pads, Vinyl & Rubber	171
Hanger for Right Angle Mini-Orbital Sander	180
Hanging Brackets, Tool Top Handle	207
Interface Pads	170
Leveling Jacks	195
Mandrels, Chucks, Mounting Hardware	187
Mini-Dynorbital® Sanding Heads & Pads	180
Motor Tune-Up Kits	192
Polishing Pads, Hook-Face	179
Portable Wet Tank Assembly	206
Random Orbital Head Kit	179
Random Orbital Pads, Loop-Face & Rubber	168
Random Orbital Sanding Pads, Hook-Face	167
Random Orbital Sanding Pads, Misc.	164
Random Orbital Sanding Pads, Vinyl	166
Safety-Lock Levers	207

Accessories (Cont'd.)

Sanding Pad Conversions	169
Sanding Pads, Gear-Driven & Random Orbital	169
Side Handles	207
Threaded Adapters	188
Wet Dynafine® Sanding Pads	172
Wheel Accessories & Slotted Wheels	184

Abrasives



Bands, Coated Abrasive	214
Bands, Non-Woven Nylon	214
Belts, Cloth Polishing	213
Belts, Coated Abrasive	209
Belts, Non-Woven Nylon	212
Discs, 3M™ Clean 'n Strip™	218
Discs, Coated Abrasive	216
Discs, Non-Woven Nylon	215
Discs, Scalloped-Edge	215
Discs, Scotch-Brite™ Bristle	218
Files, Reciprocating	223
Flaps, Hub for Dynascaler	221
Rolls, Coated Abrasive	221
Sanding Stars, Coated Abrasive	219
Saw Blades, Reciprocating	223
Sheets, Coated Abrasive	220
Sheets, for DynaMitt	221
Sheets, Non-Woven Nylon	221
Strips, Coated Abrasive	220
Wheels, 3M™ Green Corps™ Cut-Off	222
Wheels, Coated Abrasive Flap	219
Wheels, Depressed Center	222
Wheels, Diamond Cut-Off	222
Wheels, Non-Woven Nylon	218

Product & Safety Information

Safety Comes First	225
Safety Guidelines	226
Recommended Air System	227
Selecting a Compressor	228
Maintaining Adequate Air Flow	229
Healthy Work Environment	230

Numerical Index of Tools 231

Dynabrade Red Tools



DynaZip Air Tool	234
Auto File II	235
Disc Sanders	235
Die Grinders	236
Cut-Off Wheel Tools	237
Impact Wrench	237
Buffers	238

General Product Information

Discover The Dynabrade Difference!

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 much more.

Continuous Quality Control

Every Dynabrade product undergoes rigorous performance tests at precise stages, from design conception through product assembly and packaging, to insure 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.

Continued Leadership in Research and Development

Many industrial applications have unique requirements that cannot be met with our general line of air tools. Our research and development teams are continually upgrading our product offering based on market needs and new technology, coupled with the latest innovations and technological advancements in the abrasive industry. We make ongoing investments in plant, equipment and manufacturing processes to improve the quality of our products. Our goals are to solve abrasive user problems, increase productivity and lower total costs. Our constantly growing product line, together with many years of design engineering, research and development experience, proves our ability and commitment to provide continued leadership in the portable abrasive power tool industry.

One Year Warranty on Tools

Following the reasonable assumption that any inherent defect, which might prevail in a product, will become apparent to the user within one year from the date of purchase, all equipment of our manufacture is warranted against defects in workmanship and materials under normal use and service. We shall repair or replace at our factory, any equipment or part thereof that shall, within one year after delivery to the original purchaser, indicate upon our examination to have been defective. Our obligation is contingent upon proper use of Dynabrade tools in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment, which has been subject to misuse, negligence, accident or tampering in any way so as to affect its normal performance. Normally wearable parts such as bearings, contact wheels, rotor blades, etc., are not covered under this warranty.

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.

Two Year Warranty on Portable Vacuums

Two years from date of purchase, all Portable Vacuums of our manufacture are warranted against defects in workmanship and materials under normal use and service. Our obligation is contingent upon proper use of Dynabrade Vacuums in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment which has been subject to accident, negligence or misuse, 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. Normally wearable parts such as Electrical Motor Brushes, Hoses, Wheels, etc. are not covered under this warranty (See page 151.)

Repairs

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 as needed 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 (i.e. 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

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 is complimented by a specific Motor Tune-Up Kit which you will find referenced throughout the catalog. See the Accessories section for a complete listing.

Drop-In Motors

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. D03.10.

Dynabrade Distribution

Service and Support for Customers Around the World

Network of Authorized Dynabrade Distributors

We have been supplying high quality 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 customer's competitiveness by minimizing costs through a continuous improvement process.

FREE Demonstration Policy

We can arrange a no-obligation demonstration in your facility on most of our products. It is a sure way to see that the product is best suited to your application and to see the time, labor and cost-saving advantages of Dynabrade products. Contact your local Dynabrade distributor to arrange an in-plant demonstration. To contact your local Dynabrade distributor, call our customer service department, or visit our distributor locator on our web site: www.dynabrade.com.

Customer Service

Dynabrade's customer service staff has just one very 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 In-Plant Demonstration Contact Your Local Dynabrade Distributor or Call/Fax our Consumer Information Numbers:

DYNABRADE, INC.

8989 Sheridan Drive • Clarence, New York 14031-1490
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 14031-1490
Phone: (716) 631-0100 • Fax: 716-631-2524
Canadian Consumers Call Toll Free: 1-800-344-1488

DYNABRADE EUROPE S.à r.l.

Zone Artisanale • L-5485 Wormeldange—Haut, Luxembourg
Telephone: +352 76 84 94 1 • Fax: +352 76 84 95

DYNABRADE DO BRASIL

Rua Oneda, 632 • Sao Bernardo do Campo
SP - CEP 09895-280
Phone 55-11-4390-0133 • Fax 55-11-4399-1067

Or Post your Inquiry on Dynabrade's Website at:
www.dynabrade.com

Safety Comes First

See Additional Safety Information on Page 224

Safe Operation

Understanding the proper use and safe procedures involved with using 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 Tools (B186.1), American National Standards Institute (ANSI).
- Safety Requirements for Use, Care and Protection of Abrasive Wheels (B7.1), American National Standards Institute (ANSI).
- Hand Held Non-Electric Power Tools (EN 792), European Committee for Standards (EN).
- 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.

Guide to Catalog Symbols

Explanations of Helpful Symbols Used Throughout Catalog

Abrasive Capacity

In the upper right corner of every tool section, this box identifies the abrasive type compatible with the designated tools. Abrasive dimensions are expressed in inches and millimeters.



Tech Tip

The glowing Dynabrade light bulb alerts you to a proven suggestion for operating a tool at peak efficiency. Tech Tips have been compiled through actual workplace experiences.



"FastTrack"

At the bottom of every tool page, the "FastTrack" is a handy reference guide to all related accessories. This is your quickest way to find the proper contact arms, sanding pads, abrasives and more!



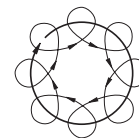
Gearless Tool

This symbol identifies a Dynabrade tool that operates with no gears. Gearless tools have fewer wearable parts, which translates to reduced maintenance and less downtime. For more information, see page 94.



Tool Motion

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



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 156.



Measurement Conversions

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 (SFFM)	.3048 Surface Meters per Minute (SMPM)	Expressed in dB(A). This is the pressure measurement according to method outlined in ISO regulation ISO-15744.

Air Flow Rate	LPM	NOTE: Dynabrade expresses air flow rate in SCFM/LPM 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 (LPM)	

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