

Finishing Tools for Woodworking, Solid Surface and Composites

Innovative Solutions for the Kitchen & Bath and Furniture Industries



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 (Tools, Abrasives, Accessories) for Complete Solutions!***
- ***All of the above, PLUS:***
 - ***Unmatched Marketing Materials***
 - ***Personal, Professional Customer Service***
 - ***Complete Service & Repair Program***



Dynabrade... The Global Leader in Abrasive Power Tool Technology!



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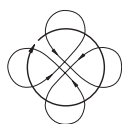
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Dynorbital® Supreme

Air-Powered Random Orbital Sander

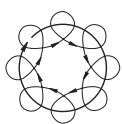
Setting the Standard for Random Orbital Supremacy!

- 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 39).

Pad Diameter Inch (mm)	3/8" (10 mm) Orbit Models	3/16" (5 mm) Orbit Models	3/32" (2.5 mm) Orbit Models
3-1/2 (89)	56870	56800	56840
5 (127)	56880	56815	56850
6 (152)	56890	56826	56859

Tune-Up Kit: No. 96024



Model
56815

*See page 41
for Dynabrade
High-Quality
Sanding Pads!*

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 39).

Pad Diameter Inch (mm)	3/8" (10 mm) Orbit Models	3/16" (5 mm) Orbit Models	3/32" (2.5 mm) Orbit Models
3-1/2 (89)	56873	56803	56843
5 (127)	56883	56818	56853
6 (152)	56893	56829	56862

Tune-Up Kit: No. 96024



Model
56818

Portable Dust Collection System
(Optional - See Page 39)

Central Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" (25 mm) dia. vacuum port for easy connection to central vacuum system.

Pad Diameter Inch (mm)	3/8" (10 mm) Orbit Models	3/16" (5 mm) Orbit Models	3/32" (2.5 mm) Orbit Models
3-1/2 (89)	56874	56804	56844
5 (127)	56884	56819	56854
6 (152)	56894	56830	56863

Tune-Up Kit: No. 96024



Model
56819

Dynorbital® Supreme



Air-Powered Random Orbital Sander

The BEST Keeps Getting Better – Dynorbital® Supreme Offers “D3” Innovations!

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 4).

Comfort Platform

U.S. Patent No. D610,428

Provides additional hand and wrist support, enhancing operator comfort. Also offers protection against cold air exhaust.

Perfectly Balanced Sanding Pad

Ask for the ORANGE!

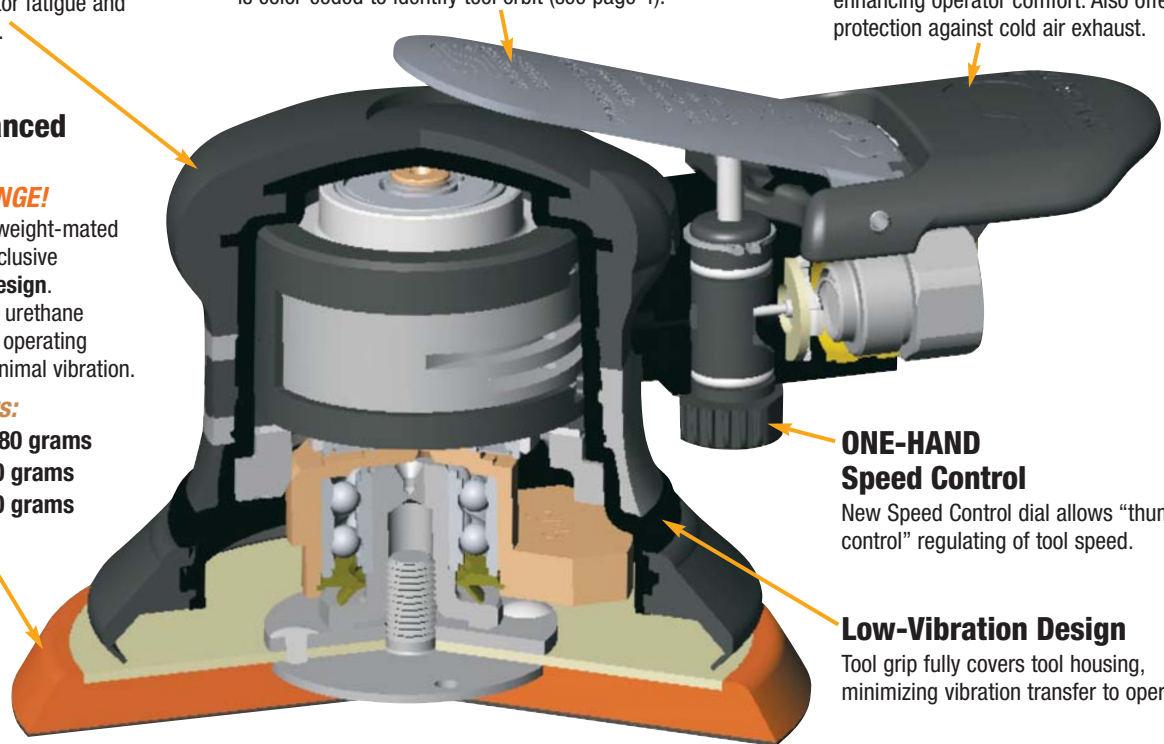
Perfectly-balanced, weight-mated sanding pad with exclusive **single-piece hub design**. Dynabrade premium urethane pads offer smoother operating performance and minimal vibration.

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)

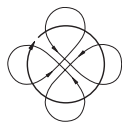
Additional Specifications: Motor .28 hp (209 W) • Motor 12,000 RPM • Pad Thread 5/16"-24 Male • Air Inlet Thread 1/4" NPT
Hose I.D. Size 1/4" (6 mm) • Air Flow Rate 18 SCFM/510 L/Min • Height 3-1/2" (89 mm) • Air Pressure 90 PSIG (6.2 Bar)
Sound Level is the pressure measurement according to the method outlined in ISO regulation ISO-15744

Dynorbital® Silver Supreme

Air-Powered Random Orbital Sander

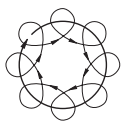
Supreme Power in Lightweight Package!

- 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)*



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 39).

Pad Diameter Inch (mm)	3/8" (10 mm) Orbit Models	3/16" (5 mm) Orbit Models	3/32" (2.5 mm) 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



Model
69020

*See page 41
for Dynabrade
High-Quality
Sanding Pads!*

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 39).

Pad Diameter Inch (mm)	3/8" (10 mm) Orbit Models	3/16" (5 mm) Orbit Models	3/32" (2.5 mm) 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



Model
69023

Portable Dust Collection System
(Optional - See Page 39)

Central Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" (25 mm) dia. vacuum port for easy connection to central vacuum system.

Pad Diameter Inch (mm)	3/8" (10 mm) Orbit Models	3/16" (5 mm) Orbit Models	3/32" (2.5 mm) 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



Model
69024

Dynorbital® Silver Supreme



Air-Powered Random Orbital Sander

Combines Supreme Power with Lightweight Comfort!

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 6).

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.

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® 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)

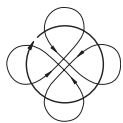
Additional Specifications: Motor .26 hp (194 W) • Motor 12,000 RPM • Pad Thread 5/16"-24 Male • Air Inlet Thread 1/4" NPT
Hose I.D. Size 1/4" (6 mm) • Air Flow Rate 16 SCFM/450 L/Min • Height 3-1/2" (89 mm) • Air Pressure 90 PSIG (6.2 Bar)
Sound Level is the pressure measurement according to the method outlined in ISO regulation ISO-15744

Dynorbital-Spirit®

Air-Powered Random Orbital Sander

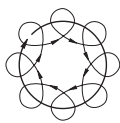
Lightweight Sander with "D3" Advantages

- 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 39).

Pad Diameter Inch (mm)	3/8" (10 mm) Orbit Models	3/16" (5 mm) Orbit Models	3/32" (2.5 mm) 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



Model
59020

*See page 41
for Dynabrade
High-Quality
Sanding Pads!*

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 39).

Pad Diameter Inch (mm)	3/8" (10 mm) Orbit Models	3/16" (5 mm) Orbit Models	3/32" (2.5 mm) Orbit Models
3 (76)	59103	59108	59113
3-1/2 (89)	59003	59018	59033
5 (127)	59008	59023	59038
6 (152)	59013	59028	59043

Tune-Up Kit: No. 96510



Model
59023

Portable Dust Collection System
(Optional - See Page 39)

Central Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" (25 mm) dia. vacuum port for easy connection to central vacuum system.

Pad Diameter Inch (mm)	3/8" (10 mm) Orbit Models	3/16" (5 mm) Orbit Models	3/32" (2.5 mm) 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



Model
59024

Dynorbital-Spirit®

Air-Powered Random Orbital Sander



Lightweight Random Orbital Sander Offers "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 8).

Comfort Platform

U.S. Patent No. D610,428

Provides additional hand and wrist support, enhancing operator comfort. Also offers protection against cold air exhaust.

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.

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)	79 dB(A)	1.4 (.6)	6 (152)
59005	Non-Vac	5 (127)	3/8 (10)	82 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)	81 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)	80 dB(A)	1.4 (.6)	6-1/2 (165)
59040	Non-Vac	6 (152)	3/32 (2.5)	81 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)	81 dB(A)	1.4 (.6)	6-1/2 (165)
59110	Non-Vac	3 (76)	3/32 (2.5)	79 dB(A)	1.3 (.6)	7 (178)
59003	Self-Gen	3-1/2 (89)	3/8 (10)	88 dB(A)	1.5 (.7)	8-1/2 (216)
59008	Self-Gen	5 (127)	3/8 (10)	87 dB(A)	1.6 (.7)	8-1/2 (216)
59013	Self-Gen	6 (152)	3/8 (10)	87 dB(A)	1.7 (.7)	9 (229)
59018	Self-Gen	3-1/2 (89)	3/16 (5)	89 dB(A)	1.4 (.6)	8-1/2 (216)
59023	Self-Gen	5 (127)	3/16 (5)	86 dB(A)	1.5 (.7)	8-1/2 (216)
59028	Self-Gen	6 (152)	3/16 (5)	87 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)	88 dB(A)	1.4 (.6)	8-1/2 (216)
59038	Self-Gen	5 (127)	3/32 (2.5)	86 dB(A)	1.5 (.6)	8-1/2 (216)
59043	Self-Gen	6 (152)	3/32 (2.5)	87 dB(A)	1.5 (.7)	9 (229)
59103	Self-Gen	3 (76)	3/8 (10)	88 dB(A)	1.5 (.7)	8-1/2 (216)
59108	Self-Gen	3 (76)	3/16 (5)	89 dB(A)	1.4 (.6)	8-1/2 (216)
59113	Self-Gen	3 (76)	3/32 (2.5)	88 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)	81 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)	80 dB(A)	1.4 (.6)	7 (178)
59039	Central	5 (127)	3/32 (2.5)	81 dB(A)	1.4 (.6)	7-1/4 (184)
59044	Central	6 (152)	3/32 (2.5)	82 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)	81 dB(A)	1.4 (.6)	7-1/4 (184)
59114	Central	3 (76)	3/32 (2.5)	81 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 Random Orbital Sander

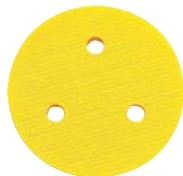
Small Tool with Big Power & Vacuum Capability

- 3" diameter HiVac Dynorbital-Spirit® efficiently vacuums through 3-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 "V-Seal" protects double row balancer bearing from sanding residue for longer tool life.
- Unique "Top Hat" seal protects front motor bearing from contaminants while maintaining bearing lubrication.



3/32"
(2.5 mm)
Dia. Orbit

For Ultra-Fine Sanding



56144 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 56144 Vacuum Sanding Pad (3 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.



Portable Dust Collection System
(Optional - See Page 39)

Central Vacuum

- 1" (25 mm) vacuum port connects to an external vacuum source, such as a portable vacuum or central vac system.
- Includes 56144 Vacuum Sanding Pad (3 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	Max. Air Flow SCFM (L/Min)	Spindle Thread	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight lb (kg)	Length Inch (mm)	Height Inch (mm)
59115	3/16" (5)	.25 (186)	12,000	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	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	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	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 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Mesh Abrasive Systems

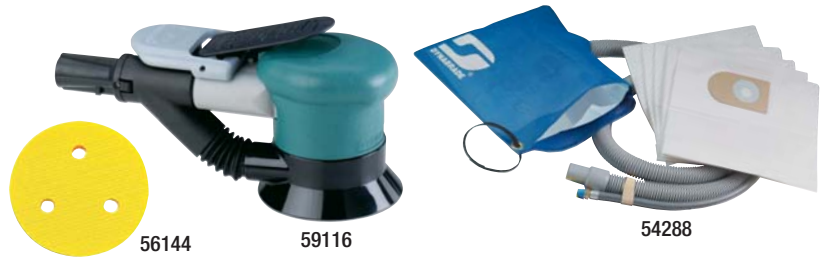
For Use with Random Orbital Sanders

Includes Unique Sanding Pad for Mesh-Style Abrasive Discs

3" HiVac Dynorbital-Spirit® Mesh Abrasive System

Model 59119

- Includes 59116 HiVac Dynorbital-Spirit® (3" dia., 3/32" dia. orbit, Self-Generated Vacuum), 56144 Vacuum Pad (3" dia., short hook-face, medium density), "bag-in-bag" vacuum system, extra disposable vacuum bags and scratch-proof belt strap.



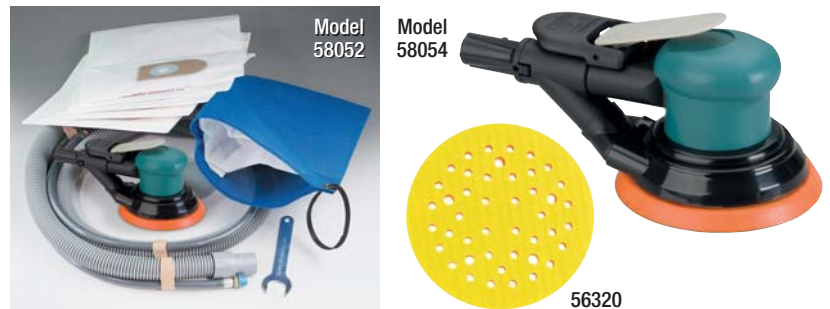
5" Dynorbital-Spirit® Mesh Abrasive System

Model 58052

- Includes 58054 Dynorbital-Spirit® (5" dia., 3/16" dia. orbit, Self-Generated Vacuum) with 56320 Pad (5" dia., 44-hole, hook-face, medium density), "bag-in-bag" vacuum system, extra disposable vacuum bags and scratch-proof belt strap.

Model 58054

- Dynorbital-Spirit® (5" dia., 3/16" dia. orbit, Self-Generated Vacuum) with 56320 Pad.



Model Number	Orbit Dia. Inch (mm)	Motor hp (W)	Motor RPM	Max. Air Flow SCFM (L/Min)	Spindle Thread	Air Pressure PSIG (Bar)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight lb (kg)	Length Inch (mm)	Height Inch (mm)
58054	3/16" (5)	.25 (186)	12,000	14 (396)	5/16"-24	90 (6.2)	1/4 (6)	1/4" NPT	1.3 (0.6)	8-1/2 (216)	3-1/2 (89)

Tune-Up Kit: No. 96510

6" Dynorbital-Spirit® Mesh Abrasive System

Model 58053

- Includes 59028 Dynorbital-Spirit® (6" dia., 3/16" dia. orbit, Self-Generated Vacuum), 56321 Vacuum Pad (6" dia., 52-hole, hook-face, medium density), "bag-in-bag" vacuum system, extra disposable vacuum bags and scratch-proof belt strap.



8" Two-Hand Dynorbital® Mesh Abrasive System

Model 58412

- Includes 58411 Two-Hand Dynorbital® (8" dia., 3/16" dia. orbit, Self-Generated Vacuum), 56322 Vacuum Pad (8" dia., 48-hole, short hook-face, medium density) and "Bag-in-Bag" Vacuum System.

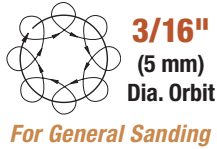


Two-Hand Dynorbital®

Air-Powered Random Orbital Sander

Comfortable, Controlled Two-Hand Operation

- Long handle provides excellent comfort and control, especially when working on vertical sides of workpiece.
- 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:



Non-Vacuum

Pad Diameter Inch (mm)	3/16" (5 mm) Orbit Models	3/8" (10 mm) Orbit Models
5 (127)	58400	58415
6 (152)	58405	58418
8 (203)	58410	—

Model
58405



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 Inch (mm)	3/16" (5 mm) Orbit Models	3/8" (10 mm) Orbit Models
5 (127)	58401	58416
6 (152)	58406	58419
8 (203)	58411	—



Portable Dust Collection System
(Optional - See Page 39)

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 Inch (mm)	3/16" (5 mm) Orbit Models	3/8" (10 mm) Orbit Models
6 (152)	58409	58420
8 (203)	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

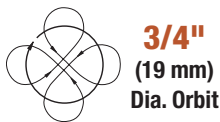
Tune-Up Kit: 5", 6" Models: No. 98220; 8" Models: No. 98221

11" Dia. Dynorbital®

Random Orbital Sander

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

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 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

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 51582 Non-Vacuum

Model 51583 Central Vacuum

- Ready to be attached to a central vacuum system.



120 V (AC)

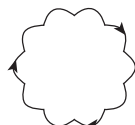
Model Number	Motor RPM	Max. Motor hp (w)	Voltage	Current	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51582	0 - 3,000	1.8 (1342)	120 V (AC)	11 Amp	1	60 Hz	11.8 (5.35)	21 (533)	7 (178)
51583	0 - 3,000	1.8 (1342)	120 V (AC)	11 Amp	1	60 Hz	11.8 (5.35)	21 (533)	7 (178)

Gear-Driven Sanders

Air-Powered, 5", 6" and 8" Diameters

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 Tools

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

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

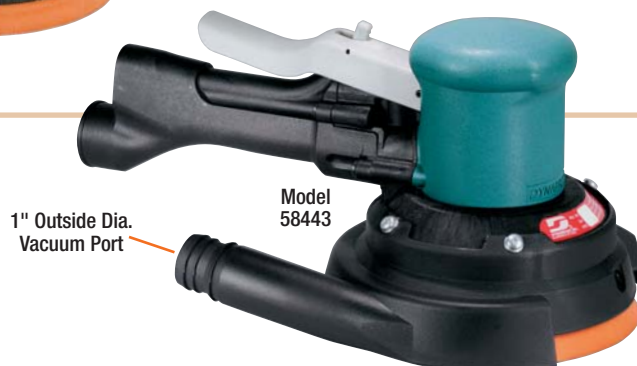
- Includes 57763 Vinyl-Face Sanding Pad (6 holes).
- Vacuum shroud has 1" outside diameter vacuum port.

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.



Model
58443

1" Outside Dia.
Vacuum Port



Model
58446

2" Outside Dia.
Vacuum Port
(58446 Only)

**See page 47
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)

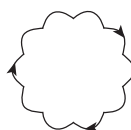
Tune-Up Kit: No. 98221 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Gear-Driven Sanders

Air-Powered, 11" Diameter

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 Tools



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.

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.



**See page 48
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)
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)

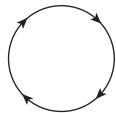
Tune-Up Kit: No. 98576 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

DynaLocke®

Air-Powered Dual-Action Sander

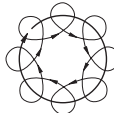
Combination Rotary and Random Orbital Sander

- 12,000 RPM DynaLocke® is truly "two tools in one," easily changing from a rotary Disc Sander to Random Orbital Sander with the turn of a dial.
- Great on composite materials. 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"
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.

*See page 42
for Dynabrade
High-Quality
Sanding Pads!*



Model
58430

**TECH
TIP**

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.



Model
58436

50617 Portable Dust Collection
System (Optional - See Page 39)

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 (1.3)	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)

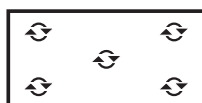
Tune-Up Kit: No. 98220

Dynabug® Sander

Air-Powered "Jitter-Bug" Type Orbital

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).



Orbital Motion

(All models on page)

Non-Vacuum

- Includes premium 57850 Vinyl-Face Sanding Pad, 3-2/3" x 9".

Model 57810 3/32" Dia. Orbit

Model 57800 3/16" Dia. Orbit



Model
57810

**All models
now include
Comfort Platform!**
(see page 5)

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



Model
57811

Portable Dust Collection System
(Optional - See Page 39)

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

**See page 49
for Dynabrade
Sanding Pads!**

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	77 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	80 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	77 dB(A)	16 (453)	1/4 (6)	1/4" NPT	2.8 (1.3)	7-1/4 (184)	4-1/4 (108)
57810	.24 (179)	10,000	77 dB(A)	16 (453)	1/4 (6)	1/4" NPT	2.8 (1.3)	7-1/4 (184)	4-1/4 (108)
57811	.24 (179)	10,000	81 dB(A)	16 (453)	1/4 (6)	1/4" NPT	2.6 (1.2)	7-1/4 (184)	4-1/4 (108)
57814	.24 (179)	10,000	77 dB(A)	16 (453)	1/4 (6)	1/4" NPT	2.6 (1.2)	7-1/4 (184)	4-1/4 (108)

Tune-Up Kit: No. 96024 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynabug® II

Air-Powered Orbital Finishing Sander

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 hand and arm fatigue. 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

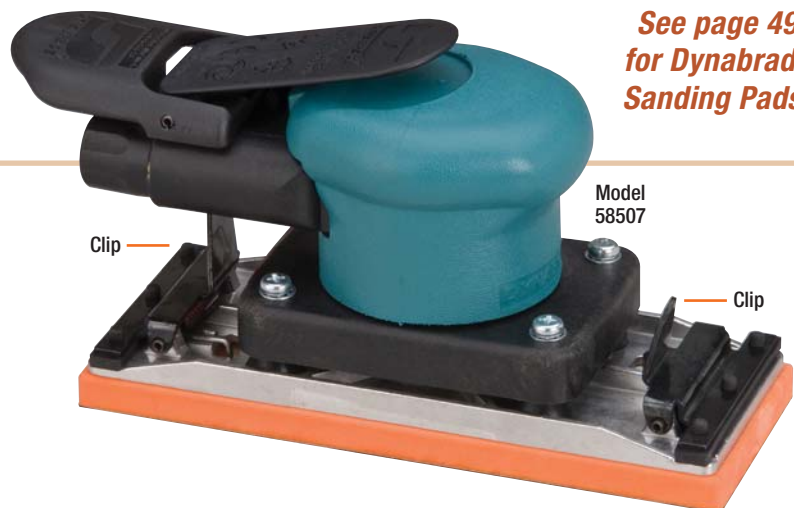
- Includes 56317 Hook-Face Sanding Pad, 80 mm wide x 130 mm long (approximately 3-1/4" x 5"), for accepting optional Hook-Face abrasive sheets.

Model 58509

- Includes 56355 Vinyl-Face Sanding Pad, 74 mm wide x 109 mm long (approximately 3" x 4-1/4").

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").



**See page 49
for Dynabrade
Sanding Pads!**

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)
58500	.15 (112)	10,000	78 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	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	90 (6.2)	1.6 (.7)	6-1/4 (157)	3-1/2 (91)
58507	.15 (112)	10,000	79 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	2.1 (.95)	7-1/16 (180)	3-3/4 (94)
58509	.15 (112)	10,000	83 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	1.6 (.7)	5-3/4 (147)	3-1/2 (91)

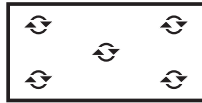
Tune-Up Kit: No. 98222

Dynabug® II

Air-Powered Orbital Finishing Sander

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 hand and arm fatigue. Perfect for vertical applications.



Orbital Motion
(All models on page)

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.



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 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)
58501	.15 (112)	10,000	75 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	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	90 (6.2)	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	90 (6.2)	1.7 (.75)	8-3/4 (222)	3-1/2 (91)
58505	.15 (112)	10,000	81 dB(A)	13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	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	90 (6.2)	1.6 (.7)	8-3/4 (222)	3-1/2 (91)

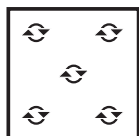
Tune-Up Kit: No. 98222

Dynabug® "Model T"

Air-Powered Orbital Finishing Sander

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!
- Easy interchangeable sanding pads. Uses reattachable and PSA (adhesive-backed) abrasive sheets and discs; coated and non-woven nylon.
- Each model includes 95955 Urethane Inlet Hose.



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

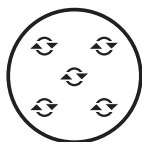
All models on pages 20-21 now include Comfort Platform!
(see page 5)

Model 57922 5" Diameter Pad

- Includes 56249 Vinyl-Face Pad.

Model 57924 5" Diameter Pad

- Includes 56248 Hook-Face Pad.



Orbital Motion



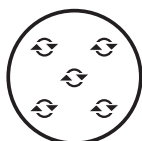
Model 57922

Model 57926 6" Diameter Pad

- Includes 56269 Vinyl-Face Pad.

Model 57927 6" Diameter Pad

- Includes 56268 Hook-Face Pad.



Orbital Motion



Model 57926

See page 49 for Dynabrade Sanding Pads!

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)
57920	N/A	20,000	68 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.45)	5 (127)	3 (76)
57923	N/A	20,000	68 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5-1/2 (140)	3 (76)
57925	N/A	20,000	68 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)
57922	N/A	20,000	68 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5-1/2 (140)	3 (76)
57924	N/A	20,000	68 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5-1/2 (140)	3 (76)
57926	N/A	20,000	68 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)
57927	N/A	20,000	68 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)

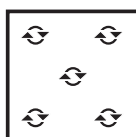
Tune-Up Kit: No. 96169 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynabug® “Model T”

Air-Powered Orbital Finishing Sander

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 17 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!
- Easy interchangeable sanding pads. Uses reattachable and PSA (adhesive-backed) abrasive sheets and discs; coated and non-woven nylon.
- Each model includes 95955 Urethane Inlet Hose.



Orbital Motion
(All models on page)



Self-Generated Vacuum

Model 58070 4-1/4" x 4-1/2" “Quarter-Sheet” Pad

- Ready for connection to optional portable self-contained dust collection systems.
- Has 1" outside diameter vacuum port for easy vacuum hose connection.
- Includes 56286 Vinyl-Face Vacuum Pad.

Model 58075 4-1/4" x 4-1/2" “Quarter-Sheet” Pad

- Ready for connection to optional portable self-contained dust collection systems.
- Has 1" outside diameter vacuum port for easy vacuum hose hook-up.
- Includes 56285 Hook-Face Vacuum Pad.



Model
58070

50617 Portable Dust Collection System (Optional - See Page 39)

Central Vacuum

Model 57928 4-1/4" x 4-1/2" “Quarter-Sheet” Pad

- Has 1" outside diameter vacuum port for easy central vacuum connection.
- Includes 56286 Vinyl-Face Vacuum Pad.

Model 57929 4-1/4" x 4-1/2" “Quarter-Sheet” Pad

- Has 1" outside diameter vacuum port for easy central vacuum connection.
- Includes 56285 Hook-Face Vacuum Pad.



Model
57928

**See page 49
for Dynabrade
Sanding Pads!**

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)
58070	N/A	16,000	82 dB(A)	17 (255)	1/4 (6)	1/4" NPT	1.5 (.7)	8 (203)	4 (102)
58075	N/A	16,000	82 dB(A)	17 (255)	1/4 (6)	1/4" NPT	1.5 (.7)	8 (203)	4 (102)
57928	N/A	20,000	73 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)
57929	N/A	20,000	73 dB(A)	9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)

Tune-Up Kit: No. 96169 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynafine® Detail Sander

Air-Powered Finishing Sander

Excellent for Use in Tight Corners

- Excellent for cleaning wood edges and corners.
- Ideal for use on furniture, shutters, moldings, door jams, 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)

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.



57910

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 50 for
Dynabrade Sanding Pads!*



Model
58015

Portable Dust Collection System
(Optional - See Page 39)

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).



Model
58017

Model Number	Motor hp (W)	Motor RPM	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	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	20 (566)	1/4 (6)	1/4" NPT	90 (6.2)	1.8 (.8)	9 (229)	4 (102)
58017	.12 (89)	15,000	20 (566)	1/4 (6)	1/4" NPT	90 (6.2)	1.8 (.8)	9 (229)	4 (102)

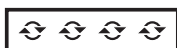
Tune-Up Kit: No. 96236

Dynafine® Finger Sander

Air-Powered Finishing Sander

Model 57930

- Ideal for use on wood, varnished surfaces, stone, glass, marble, 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.



Orbital Motion



Model 57930

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 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Raised Panel Sander

Air-Powered Dynafine® Finishing Sander

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.



Model 57906



Orbital Motion



See page 50
for Dynabrade
Sanding Pads!

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 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

"Backsplash" Sander

Air-Powered Dynafine® Finishing Sander

A Must for Solid Surface Fabricators

- Excellent for fabricating solid surface covered backsplashes; ideal for cleaning metal edges and corners.
- 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.

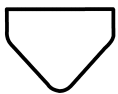
Model 58000

- Includes 58021 and 58024 Backsplash Pads. Also 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.

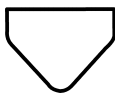
58021
3/8" Radius



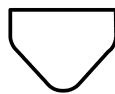
58024
3/4" Reverse Radius



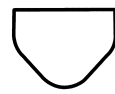
58020
1/4" Radius



58022
1/2" Radius



58023
5/8" Radius



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 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

File Board Sander

11" Long In-Line File Board Sander

Great on Wood, Composites & More!

- Tool features high quality gear for smooth-running in-line sanding action.
- 2,400 strokes per minute. 3/8" long sanding stroke.
- For use with PSA (adhesive-backed) coated and non-woven sheets and rolls.
- Sanding pad can be rotated 360°, for adjusting to most efficient position.

Non-Vacuum

Model 51350

- 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.



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 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynaline Sander

Air-Powered In-Line Finishing Sander

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.

Non-Vacuum

Model 57400

- Includes 2-3/4" wide x 8" long vinyl-face non-vacuum Sanding Pad (57454).

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.

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.



Model 57400



Model 57407

Clip

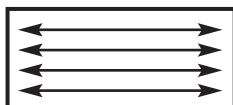
Clip

All models now include Comfort Platform!
(see page 5)

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.



In-Line Motion
(All models on page)



Model 57401

Portable Dust Collection System
(Optional - See Page 40)

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 50 for Dynabrade Sanding Pads!



Model 57404

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)
57400	.3 (186)	2,400	82 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	82 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	80 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	82 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 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynabrade Routers

Air-Powered Tool for Routing

Model 51330 20,000 RPM

- Ideal for chamfers and roundover cuts on hardwoods, softwoods, solid surfaces or plastics.
- Great for laminate trimming, surface planing, beveling and cornering.
- Front exhaust directs chips away from cutter.
- Lightweight, non-marring composite fixed base allows for 90° cuts. Base has easy height adjustment.
- Spindle locks to allow easy, one-wrench bit change.
- Uses high-speed steel router bits; 1/4" diameter shank capacity. With optional 1/8" collet insert, 1/8" diameter router bits may be mounted.
- Guide rails included (shown); ideal for use on solid surface glue seams.



Model 51330

51331 Router Kit

- Includes 51330 Router with 93388 six-piece router bit set.

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	85 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)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Collet Depth 1-5/8" (41 mm) • Max. Cutter Dia. 1-1/8" (29 mm)

Central Vacuum Routers

Air-Powered Tool for Routing

Model 51332

3-1/2" (89 mm) Base Model
.7 hp (522 W), 20,000 RPM,
1" Vacuum Port

Includes 94300 Composite Dynaswivel® Air Line Connector (both models)

Safety-lock lever is included (both models)

Includes 08054 Insert, for enhanced source capture (both models)

Adjustable roller guide ensures consistent cut path on edge work



Model 51332

Model 51333

4" (102 mm) Base Model
.7 hp (522 W), 20,000 RPM,
1" Vacuum Port

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



Model 51333

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)	33 (935)	1/4"	1/4" NPT	2.6 (1.2)	11 (282)	3.5 (89)
51333	.7 (522)	20,000	79 dB(A)	33 (935)	1/4"	1/4" NPT	3.3 (1.5)	11 (282)	4 (102)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

“Take-About” Sander

Air-Powered Abrasive Belt Tool

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.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow SCFM (L/Min)	Max. SFPM (SMPM)	Air Inlet Thread	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)	3/8" NPT	12.5 (5.7)	13-1/4 (337)	7-1/8 (181)

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

Electric Dynafile® II

Electric-Powered Abrasive Belt Tool

Model 40610

- Electric Dynafile® II runs coated abrasive and non-woven nylon belts, and is ideal for countless applications on metal, plastic, fiberglass, solid surface, stone, glass, etc.
- Includes 11203 Contact Arm, for abrasive belts 1/2" wide by 18" long.
- Grind with contact wheel or platen pad. Finish and polish using slack of belt.
- Tool accepts over 20 interchangeable contact arms for use with belts 1/4" 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.



40611 Versatility Kit

- Includes 40610 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	60 Hz	5 (2.3)	19 (483)	5.5 (140)

Additional Specifications: Maximum 2,520 SFPM (768 SMPM)

Dyninger

Air-Powered Abrasive Finishing Tool

Sand, Defuzz, Blend, Scuff, Denib

- 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.

Model 52060 950 RPM

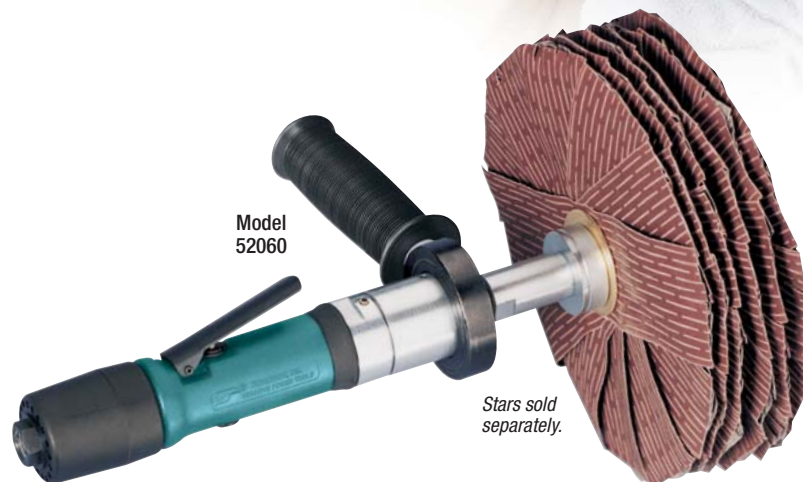
- High torque air motor includes arbor (1" dia.) for mounting up to six coated abrasive stars, 8" diameter with 1" center hole (sold separately).

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 Universal Tool Bench Mount.
- 95745 Speed Control.



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Wheel Arbor Dia. Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52060	.4 (298)	200-950	79 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 • Additional Specifications: Hose I.D. Size 1/4 (6 mm) • Air Pressure 90 PSIG (6.2 Bar)

Lightweight Dyninger

Air-Powered Abrasive Finishing Tool

Sand, Defuzz, Blend, Scuff, Denib

- 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 air-flow control Dynaswivel® fitting for maximum tool maneuverability and control.



Spindle-Mount

- Mount 4" diameter spindle-mount abrasive sanding stars with 1/4" shank, or Eyelet Sanding Stars. (Stars sold separately.)

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

Model 52051 0-3,200 RPM, 6 mm Collet



Arbor-Mount

Model 52052 0-3,200 RPM

- 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.)



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	79 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	79 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	79 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 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

3" Palm-Style Buffer

Air-Powered Buffing Tool

Repair Sanding Scratches on Solid Surface

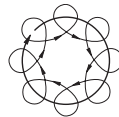
- Excellent for buffing and polishing fiberglass, plastics and other materials.
- Low profile housing; rear exhaust; lever throttle.

Model 57550 3" Diameter, 2,400 RPM

- Includes 50125 rigid 3" backing pad, terry cloth pad and wool pad.

57553 Versatility Kit

- Efficiently repair scratches on solid surface.
- 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-It Creme; 95727 Dynabrade Glaze, sample discs and sample abrasive pack.



3/16"
Dia. Orbit

(with 54476 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)
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 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

3" Angle-Head Buffer

Air-Powered Buffing Tool

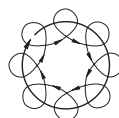
Repair Sanding Scratches on Solid Surface

Model 53440 3" Diameter, 3,200 RPM

- Tool comes mounted with 54021 Adapter (1/4"-20 male thread).
- Includes 50120 Hook-Face Pad (3" diameter), which mounts directly to 54021 Adapter.
- Also includes 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.
- Rear exhaust, lever throttle, rotary action.

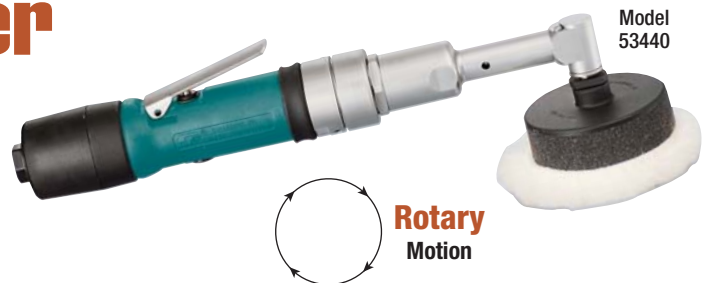
53403 Versatility Kit

- 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"
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)
53440	.4 (298)	3,200	80 dB(A)	23 (651)	1/4 (6)	1/4" NPT	1/4"-20 Female	1.9 (.9)	11-3/8 (289)	2-3/4 (70)

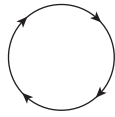
Tune-Up Kit: No. 96333 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

7° Offset Buffers

Air-Powered Buffing Tool

Polish Fiberglass, Plastics and More!

- 7° offset ergonomic design for control and comfort.
- High torque planetary-gear air motor; muffler reduces sound level.
- Standard rotary action. Rear exhaust.



**Rotary
Motion**

3" Diameter

- Includes 50126 Hook-Face Pad, 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.
- 3/8"-24 Male Thread.

Model 51400 3,200 RPM

Model 51402 3,600 RPM

Model 51401 5,000 RPM

51405 Versatility Kit

- Includes: 51400 air tool; 3" Hook-Face backing pad, terry cloth bonnet, wool bonnet and foam "flat face" pad; Dynabrade Finesse-It Creme; Dynabrade Glaze and 14 mm open-end wrench (not shown).



51405



Model
51400



Model
51430

5" Diameter

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.

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)
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)

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

6"-8" Dia. Buffer

Air-Powered Buffing Tool

Achieve Fine Finish on Many Surfaces

- Tool accepts large diameter polishing pads for maximum surface coverage. Polish MORE area in LESS time!
- Long handle design and reversible side handle offer excellent operator comfort and control, especially in vertical positions.



Rotary Motion

- .7 hp air motor, running at 2,500 RPM.
- Standard safety-lock lever.
- Backup pad and polishing bonnet each sold separately.

Model 51459 5/8"-11 Male Thread

Model 51458 M14 x 2 Male Thread

Shown with optional 50853 Backup Pad and optional 90082 Polishing Pad.

Model Number	Motor hp (W)	Motor RPM	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)
51459	.7 (522)	2,500	27 (765)	5/8"-11 Male	3/8 (10)	1/4" NPT	5.3 (2.4)	11-3/4 (301)	4 (102)
51458	.7 (522)	2,500	27 (765)	M14x2 Male	3/8 (10)	1/4" NPT	5.3 (2.4)	11-3/4 (301)	4 (102)

Tune-Up Kit: 51459 – No. 96672; 51458 – No. 96532 • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Electric Buffer

Electric-Powered Buffing Tool

Model 51580

- Variable speed trigger with adjustable 0-3,000 RPM roller dial for optimum performance and control. Desired RPM can be locked with speed-lock button.
- Rotating Trigger Handle with One-Touch Switch! Handle can be adjusted to any position for optimum comfort! One-touch switch allows easy adjustment.
- Top-quality brushes last longer, and are externally accessible for increased productivity.
- Versatile rubberized side handle mounts in three positions, for ultimate versatility.
- 11-amp motor for power!
- Long 8-foot electric cord is made of oil-resistant rubber, and stays flexible when cold.
- Accepts a variety of pads & buffs. Shown with 50853 Backing Pad and 90082 Polishing Pad (7" diameter), each sold separately.



Rotary Motion



C US

120 V (AC)



One-touch switch easily allows new trigger handle to rotate 180° into any position.

Model Number	Motor RPM	Maximum Watts Out	Voltage	Current Amps	Phase	Frequency	Spindle Thread	Weight Lb. (kg)	Length Inch (mm)	Height Inch (mm)
51580	0-3,000	1305	120 V (AC)	11	1	60 Hz	5/8"-11	7.8 (3.5)	17 (436)	5-1/4 (136)

Downdraft Sanding Tables

Eliminate Airborne Dust and Contaminants While Sanding

Contributes to Cleaner, Safer Workplace

**Products on this page
not available in Europe.**

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 1-micron pleated paper filters, 20" W x 25" L. (Models 64201 and 64699 include two filters; model 64700 includes three.)
- 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.

Specifications

- **Power Source:** One heavy duty electric motor, 1.0 hp
- **Electric Capacity:** 115 volt, 230 volt (single phase). Three phase available upon request.
- Also available in 220 volt and 460 volt.
- **Two Paper Filter Sizes Available:** 64671: 20" wide x 25" long x 2" thick standard paper air filter; 64672: 20" wide x 25" long x 2" thick UL rated class I non-flammable air filter.



Heavy Duty Tables

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 1-micron paper filters.
- 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.
- Optional anti-static and anti-slip mat available (64970) as well as optional 5" diameter casters.

Specifications

- **Power Source:** Two heavy duty TEFC electric motors, 1.5 hp
- **Electric Capacity:** 115 volt (single phase), 208 volt (three phase), 230 volt (single phase), 230 volt (three phase), 460 volt (three phase) available upon request.



Model Number	Motor hp	Volts	Phase	Air Flow	Sound Level	Working Area Width	Working Area Length	Height Inch (mm)	Shipping Weight
64201	1	115/230	1	3,000 CFM	72 dB(A)	33" (838 mm)	41" (1,041 mm)	36 (914)	275 lbs.
64657	1.5 (Dual)	115/230	1	7,000 CFM	75 dB(A)	48" (1,219 mm)	96" (2,438 mm)	37 (940)	970 lbs.
64699	1	115/230	1	3,000 CFM	72 dB(A)	33" (838 mm)	60" (1,524 mm)	36 (914)	285 lbs.
64700	1	115/230	1	3,000 CFM	72 dB(A)	36" (914 mm)	72" (1,829 mm)	36 (914)	365 lbs.

Electric Portable Vacuum System

For Use With Dynabrade Vacuum Tools

- Choose from 9.9 gallon (36 liter) or 17 gallon (64 liter) models. Dry vacuum only.
For use when vacuuming on non-ferrous materials ONLY.
- Two-tool capability: two pneumatic outlets and two vacuum hose ports.
- Heavy-duty stainless steel drum. Drum can be removed for special applications.
- HEPA filtration (0.3 micron), with felt insert and paper bag.
- Electronic thermal protection device prevents heat overload of motor.
- Includes disposable paper bag, which fits inside steel drum.
- Two lightweight coaxial hoses, each 1-1/4" dia. by 20' long (32 mm x 6 m).
- Auto on/off switch; 26' (8 m) electrical cord.
- UL (USA and Canada), CE and GOST approved/listed.
- Includes Dynabrade Composite-Style Couplers and Vacuum Swivel Hose Adapter.

Optional Vacuum Tray

- Convenient, heavy-duty tray.
- **96567** - 9.9 gallon (36 liter) unit.
- **96563** - 17 gallon (64 liter) unit.
- Shown with optional 96581 Hanger.



Ask about additional Portable Vacuum Accessories!



Model Number	Capacity Gallon (Liter)	Voltage / Frequency	Watts	Plug (Region)	Air Pressure PSIG (Bar)	Water Static Lift Inch/cm/mbar	Sound Level	Shipping Weight lbs. (kg)	Height Inch (mm)	Width Inch (mm)
61300	9.9 (36)	120V/60 Hz	1,300	US (US/Canada)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61301	17 (64)	120V/60 Hz	1,300	US (US/Canada)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61302	9.9 (36)	230V/50 Hz	1,400	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61303	17 (64)	230V/50 Hz	1,400	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61304	9.9 (36)	110V/60 Hz	1,300	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61305	17 (64)	110V/60 Hz	1,300	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61306	9.9 (36)	230V/50 Hz	1,400	CEE7/XVII (Europe)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61307	17 (64)	230V/50 Hz	1,400	CEE7/XVII (Europe)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61308	9.9 (36)	230V/50 Hz	1,400	None (International)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61309	17 (64)	230V/50 Hz	1,400	None (International)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
61310	9.9 (36)	220V/60 Hz	1,400	(Far East)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22.0)	38-1/2 (978)	20-7/8 (530)
61311	17 (64)	220V/60 Hz	1,400	(Far East)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28.0)	44-7/8 (1,140)	27-5/8 (702)
64625	10 (37.8)	—	—	—	110-120 (7.6-8.3)	90/229/230	73 dB(A)	48.4 (22.0)	44 (1,118)	19 (483)

Industrial Portable Vacuum

Industrial-Quality Vacuum Ideal for Dry or Wet Use

Model 61500

- Portable, powerful Industrial Vacuum designed specifically for use with pneumatic tools.
- Includes HEPA Filter Assembly, certified 99.97% efficient at 0.3 microns.
- Includes conductive Y-hose adapter, dual hoses and dual air lines, allowing use of two tools simultaneously.
- Three-position switch for manual operation, or automatic operation with start-up of tool.
- 10-second "power down" delay allows debris to be cleared from hose after tool deactivation.
- Large 10-gallon paper filter collection bag.
- Sturdy 20-gallon stainless steel tank.
- Motor wattage of 1,400 watts. Input power of 12 amps, 115 V, 50/60 Hz AC.

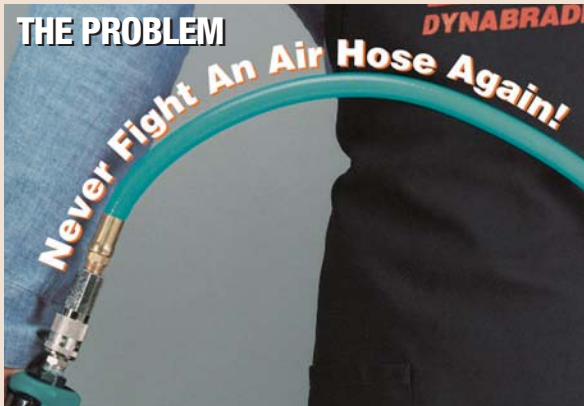
**Vacuum
Designed
Specifically
for use with
Pneumatic
Tools!**



Dynaswivel® Air Line Connectors

Never Fight an Air Hose 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.



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.



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 (0.06)
94407	1/4" NPT	Yes	up to 46 (1303)	2.40 (0.08)

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.



Part Number	Thread Size	Flow Control	Air Flow Range SCFM (L/Min)	Weight lb. (kg)
95590	1/4" NPT	No	up to 25 (708)	0.11 (0.05)
95591	3/8" NPT	No	26-45 (736-1275)	0.26 (0.12)
95592	1/2" NPT	No	46-65 (1303-1841)	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.



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.



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 (736-1275)	0.40 (0.18)
95462	1/2" NPT	No	46-65 (1303-1841)	0.80 (0.36)
95690	3/4" NPT	No	above 65 (1840)	1.50 (0.68)

Ball-Swivel Plug

Plug “swivels” for great tool maneuverability!

Part No. 97016

- 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).
- Maximum air pressure of 90 PSIG (6.2 Bar).



DynaJet In-Line Blow Guns

Clean Off Work Surfaces Without Disconnecting

- 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).

Part No. 94466 Standard Design

- Provides no restriction of air line pressure.

Part No. 94467 Safety Tip Design

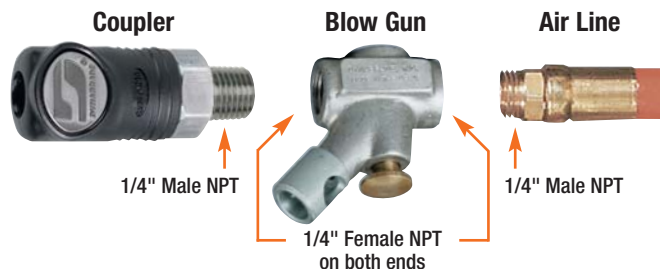
- Reduces line pressure down to 30 PSIG (2 Bar).
- Meets O.S.H.A. requirements of special relief hole in nozzle which limits pressure to 30 PSIG (2 Bar) when dead ended and used on an air line of 150 PSIG (10.3 Bar) or less.

Part Number	Thread Size	Weight kg (lb.)	Recommended Air Flow Range SCFM (L/Min)
94466	1/4" Female NPT	0.06 kg	up to 35 SCFM (991 L/Min)
94467	1/4" Female NPT	0.06 kg	up to 35 SCFM (991 L/Min)

10.3 Bar (150 PSIG) maximum on all models



Proper Installation for DynaJet Blow Gun Connection



Filter-Regulator-Lubricator

Cost-Effective Maintenance for Air Supply Systems

Filter

- Five-micron filter element is standard.
- Manual push-button drain easily discharges contaminants.

Part Number	Air Inlet Thread
10671	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



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



***Each unit includes two bushings for easy conversion to 3/8" NPT.**

Additional Specifications: Maximum Operating Pressure 145 PSIG.

Filter-Regulator

- Unit has modular connections with mounting brackets for easy installation.

Part Number	Air Inlet Thread
10677	1/2" NPT



Regulator-Lubricator

- Unit has modular connections with mounting brackets for easy installation.

Part Number	Air Inlet Thread
10679	1/2" NPT



Filter-Regulator-Lubricator

- Unit has modular connections with mounting brackets for easy installation.

Part Number	Air Inlet Thread
10681	1/2" NPT



FRL Flow Characteristics

Flow • SCFM (L/Min)	Pressure Drop Across FRL • PSI (Bar)
15 (425)	2.0 (.14)
30 (850)	3.0 (.21)
45 (1274)	6.0 (.41)
60 (1699)	7.0 (.48)
75 (2124)	8.0 (.55)

Air Supply Accessories

Cost-Effective Solutions for Air Systems

Swivel Air Line Hoses

- Eliminates kinking. Fittings swivel 360° for easy use.
- Tough, flexible and lightweight.



Hose I.D. Inch (mm)	Hose O.D. Inch (mm)	Part Number	Female Fittings	Male Fittings	Length
5/32 (4)	1/4 (6)	96217	1 (1/4")	1 (1/4")	3 ft. (910 mm)
		96218	1 (1/4")	1 (1/8")	3 ft. (910 mm)
		96219	1 (1/4")	1 (1/4")	6 ft. (1.8 m)
		96220	1 (1/4")	1 (1/8")	6 ft. (1.8 m)
		96221	0*	0*	Specify Length
1/4 (6)	3/8 (10)	96222	1 (1/4")	1 (1/4")	3 ft. (910 mm)
		96223	1 (1/4")	1 (1/4")	6 ft. (1.8 m)
		96224	0*	0*	Specify Length

* Order fittings separately, if desired

Press-On Fittings

For Use With	Part Number	Description
1/4" (6 mm) Hose	96225	1/4" NPT Female
	96226	1/4" NPT Male
	96227	1/8" NPT Male
3/8" (10 mm) Hose	96228	1/4" NPT Female
	96229	1/4" NPT Male



Reusable Fittings

- No tools required, simply insert fittings into air hose.

For Use With	Part Number	Description
8 mm Dia. Hose	94897	1/4" NPT Male
10 mm Dia. Hose	94898	1/4" NPT Male



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)



Lightweight 8 mm I.D. Air Line Assembly

- Use this assembly to connect an FRL to a Dynabrade tool for optimum results.
- Air line is 66% lighter than conventional PVC and rubber hoses.
- Reinforced hose is made of an anti-abrasive PU and thermoplastic rubber compound.
- High flexibility and narrow bending radius of hose prevent choking.
- High resistance to ozone, hydrocarbons, fats, oils, and slightly aggressive chemical products.



Length	Part Number	Hose O.D.	Female Fittings	Male Fittings
5 ft. (1.5 m)	94874	12.7 mm	0	2
	94863	12.7 mm	1	1
12 ft. (3.7 m)	94851	12.7 mm	0	2
	94852	12.7 mm	1	1
25 ft. (7.6 m)	94876	12.7 mm	0	2
	94892	12.7 mm	1	1
328 ft. (100 m)	94860	12.7 mm	0	0

Flexible Air Line Assemblies



Hose I.D. Inch (mm)	Part Number	Female Fittings	Male Fittings	Length
1/4 (6)	95361	1	1	5 ft. (1.5 m)
	95580	1	1	28" (711 mm)
	95807	0	0	Specify Length
	95938	1	1	Specify Length
3/8 (10)	11292	0	2	8 ft. (2.4 m)
1/2 (13)	95870	1	1	5 ft. (1.5 m)

10 mm Air Hose with Reusable Fittings

- Lightweight design with "non-crimp" fittings to ensure hose integrity!
- 10 mm Air Hose offers great flexibility, improves tool maneuverability and reduces operator fatigue.
- Designed to weigh 66% less than conventional rubber hoses!
- Reusable fittings ensure no crimping of air hose, eliminating potential hazard. (Standard fittings often crimp hose, creating weak spot where air bubble may form.)
- Fittings may be removed and used again, saving time and money!
- Hose offered in various lengths with two fittings included; also in longer roll (see chart).



Part Number	Hose Length Feet (Meters)	94898 Fittings Included
94856	5' (1.5 m)	Male - Male
94857	12' (3.7 m)	Male - Male
94858	25' (7.6 m)	Male - Male
94859	164' (50 m)	—

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	
3/8"	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.



Teal Composite Couplers

- Designed for Industrial Interchange plugs.

Coupler Body Size	Part Number	Color	Thread Size NPT	Air Flow Range SCFM (L/Min)
1/4"	94960	Black	1/4" Female	Up to 54 (1,529)
	94980	Black	1/4" Male	
	94920	Teal	1/4" Female	Up to 37 (1,048)
	94921	Teal	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	

Accessories

Portable Self-Contained Dust Collection Systems

- Ideal for use with Dynabrade Self-Generated Vacuum tools.
- All systems include 6 ft. (1.8 m) long flex-hose.

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.



Vacuum Hose Swivel Adapters

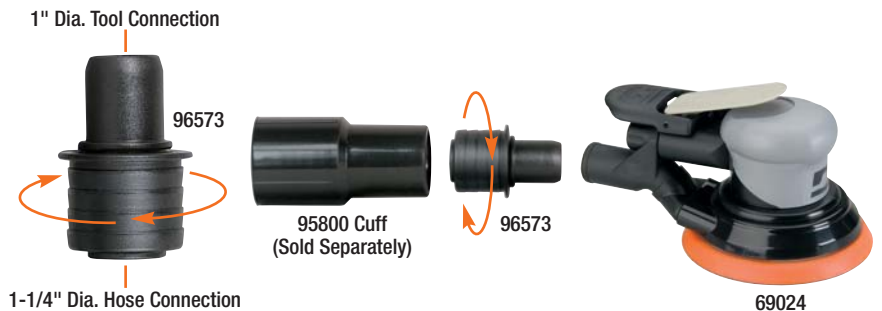
- Adapter SWIVELS for comfortable tool maneuverability.
- 1" (25 mm) connection to tool.
- Lightweight vacuum hose; easy connection to air tools.

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 Conversion Kits

- For use with 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



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. This also reduces breathing resistance and hot air buildup within mask.
- Disposable, lightweight and maintenance-free!
- Masks are packaged 20 per box.



Accessories

Dynabrade Air Lube

- Highly recommended for use with all Dynabrade tools.
- Absorbs up to 10% of its weight in water.
- Prevents rust and formation of gum and sludge.
- Keeps pneumatic tools operating longer with greater power and less downtime.

Part No. 95821 4 oz.

Part No. 95842 1 pt.

Part No. 95843 1 gal.

Part No. 96101 Display Box

- (24) 4 oz. bottles (95821).

95842



96101



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 0° to 300°.

Part No. 95542 10 oz. Tube

Part No. 95541 Push-Type Grease Gun

- One-hand operation.



95542



95541

Finesse Creme and Glaze

- Finesse Sanding Creme is a sanding compound for fiberglass and composites; use with fine-grade sanding discs.
- Glaze is for use with slow-speed tools to achieve a high-gloss finish after compounding.

95723 Finesse Creme 4 oz.

95727 Glaze 4 oz.

95724 Finesse Creme 1 qt.

95728 Glaze 1 qt.

95725 Finesse Creme 1 gal.

95723



95727



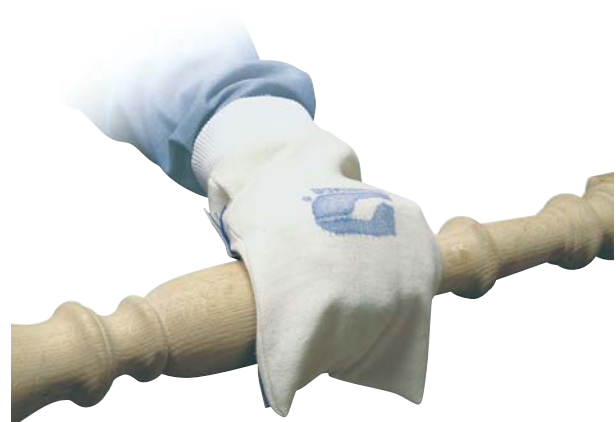
DynaMitt Sanding Glove

Part No. 58005

- Palm side of DynaMitt accepts Hook-Face abrasive sheets (sold separately). Hand-sanding has never been easier!
- 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.

58009 DynaMitt Pack

- Includes 58005 DynaMitt and rubber insert, plus 93889 Abrasive Sheet Sample Kit (13 abrasive sheets in various grits).



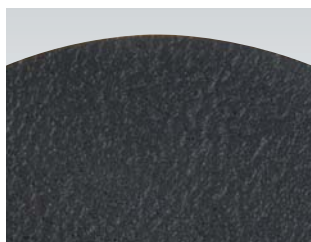
Vinyl-Face

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!**



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 vacuum holes to 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

All Pads: 13,000 RPM maximum operating speed; 5/16"-24 male thread.

***NOTE:** Our 3" (76 mm) and 3-1/2" (89 mm) pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.

Dynabrade's 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!

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
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

All Pads: 13,000 RPM maximum operating speed; 5/16"-24 male thread.

***NOTE:** Our 3" (76 mm) and 3-1/2" (89 mm) pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.

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

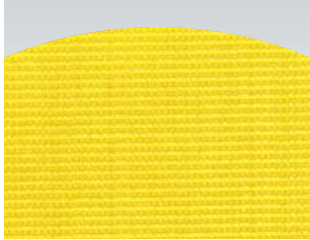
Hook-Face

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- 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**.

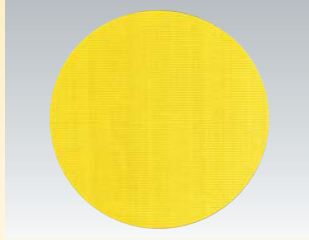
**Ask for the
ORANGE!**



Hook-Face Pads

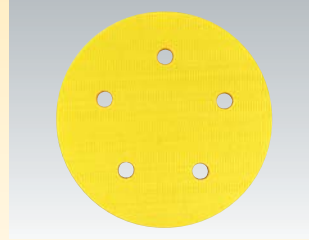
Short nap pads for use with reattachable discs.

Long nap pads for use with non-woven nylon discs.



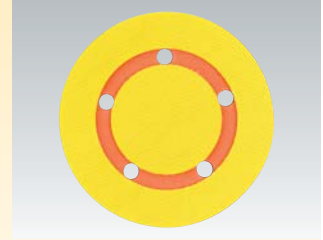
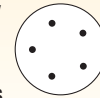
Non-Vacuum Pads

High quality backup pad. Weight-mated for smooth running and minimal tool vibration.



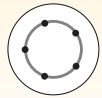
Vacuum Pads

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 vacuum holes to 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
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

All Pads: 13,000 RPM maximum operating speed; 5/16"-24 male thread.

***NOTE:** Our 3" (76 mm) and 3-1/2" (89 mm) pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.

6-Hole Vacuum Pad

Pad Diameter	Part Number	Holes	Thickness	Nap	Density
3" (76 mm)	56142	6	3/8" (10 mm)	Short	Medium



15-Hole Vacuum Pad*

Pad Diameter	Part Number	Holes	Thickness	Nap	Density
6" (152 mm)	54331	15	5/8" (16 mm)	Short	Medium
6" (152 mm)	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



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
	56144	3	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
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

All Pads: 13,000 RPM maximum operating speed; 5/16"-24 male thread.

***NOTE:** Our 3" (76 mm) and 3-1/2" (89 mm) pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.



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

Radius Edge Pads

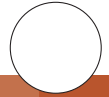
Features Rounded Foam Edge

- For use with 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

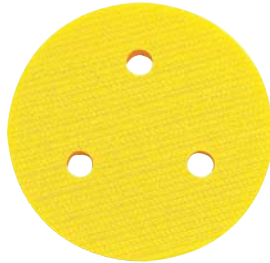
Pad Diameter	Part Number	Radius Edge	Nap	Holes	Thickness
5" (127 mm)	57799	3/8" (10 mm)	Short	5	5/8" (16 mm)



HiVac 3-Hole Pad

For Use with HiVac Dynorbital-Spirit®

- Pad accepts 3" (76 mm) dia. Hook-Face or mesh-style abrasive discs
- Medium density; 5/16"-24 male thread.



Vacuum Pad

Pad Diameter	Part Number	Face	Nap	Holes	Thickness
3" (76 mm)	56144	Hook	Short	3	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	Holes	Thickness	Density
5" (127 mm)	56205	0	3/8" (10 mm)	Medium
6" (152 mm)	56206	0	3/8" (10 mm)	Medium



Vacuum Pads

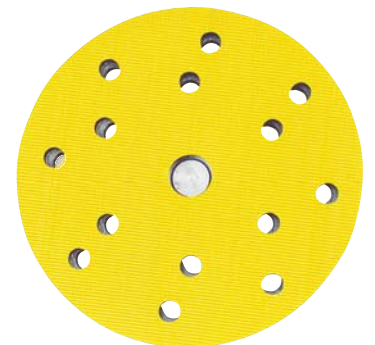
Pad Diameter	Part Number	Holes	Thickness	Density
5" (127 mm)	56207	6	3/8" (10 mm)	Medium
6" (152 mm)	56208	6	3/8" (10 mm)	Medium



Multi-Use Pad

Urethane Foam

- Use with 6, 7, 8, or 9-hole abrasive discs.
- For use on Random Orbital Sanders with vacuum capabilities on wood, metal and solid surfaces.
- Single-hub design reduces vibration and wear.
- 13,000 maximum operating speed; 5/16"-24 male thread.



Vacuum Pad

Pad Diameter	Part Number	Face	Nap	Holes	Thickness
6" (152 mm)	54331	Hook	Short	15	5/8" (16 mm)

Mesh Abrasive Pads

Compatible with Mesh Abrasive Material

- For use with random orbital sanders; eliminates pilling problems.
- Improved dust-free sanding of body fillers and primer.
- 13,000 max. operating speed; medium density; 5/16"-24 female thread.

Vacuum Pads

Pad Diameter	Part Number	Face	Nap	Holes	Thickness
5" (127 mm)	56320	Hook	Short	44	3/8" (10 mm)
6" (152 mm)	56321	Hook	Short	52	3/8" (10 mm)
8" (203 mm)	56322	Hook	Short	48	3/8" (10 mm)
11" (279 mm)	53997	Hook	Short	15	3/8" (10 mm)

5" Mesh Abrasive System

Part No. 58052

- Includes: 59023 Self-Generated Vacuum Dynorbital-Spirit® with 56320 Pad, bag-in-bag vacuum system, extra disposable vacuum bags and scratch-proof belt strap.

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" Dia. Kit

- Includes 56320 Pad (5" diameter).

Part No. 58060 6" Dia. Kit

- Includes 56321 Pad (6" diameter).



6-Hole Pattern Pad

Pad Designed Especially for Pacific Rim Countries

- Medium density pad for use with Random Orbital Sanders.
- 5/16"-24 male thread.



Vacuum Pads

Pad Diameter	Part Number	Face	Nap	Holes	Thickness
5" (127 mm)	56240	Hook	Short	6	3/8" (10 mm)
	56241	Vinyl	—	6	3/8" (10 mm)

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	5

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



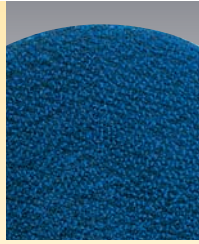
Diamond Pattern

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)



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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.	Diameter	
53970	Tear Drop	◐
53972	Triangle	△

For 11" Sanders

Part No.	Diameter	
53998	11"	⊙

For Dynaline and Dynabug Sanders

Part No.	Diameter	
53984	2-3/4" (70 mm) x 11" (279 mm) For the Dynaline	
53986	2-3/4" (70 mm) x 8" (203 mm) For the Dynaline	⋅ ⋅ ⋅
53988	3-2/3" (93 mm) x 7" (175 mm) For the Dynaline and Dynabug	⋅ ⋅ ⋅ ⋅

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)	⊙

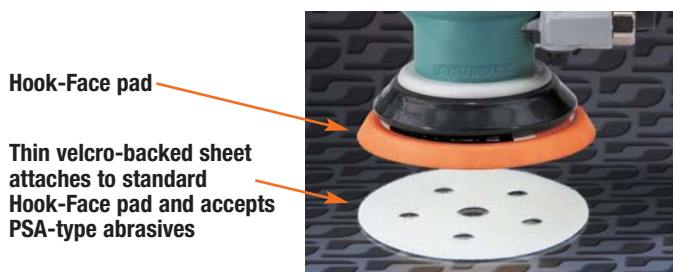
For Dynafine® Detail Sanders

Part No.	Diameter	
53971	Tear Drop	◐
53973	Triangle	△

For Dynaline and Dynabug® Sanders

Part No.	Diameter	
53985	2-3/4" (70 mm) x 11" (279 mm) For the Dynaline	
53986	2-3/4" (70 mm) x 8" (203 mm) For the Dynaline	⋅ ⋅ ⋅
53989	3-2/3" (93 mm) x 7" (175 mm) For the Dynaline and Dynabug	⋅ ⋅ ⋅ ⋅

Hook-to-Vinyl Conversions

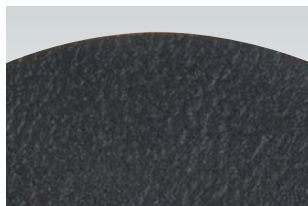


Non-Vacuum and Vacuum		
Part No.	Diameter	
53992	5" (127 mm)	⊙
53993	6" (152 mm)	⊙

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
	57776	12,000	3/8" (10 mm)	4
6" (152 mm)	57762	12,000	3/8" (10 mm)	5
	57771	12,000	3/8" (10 mm)	4
8" (203 mm)	56234	10,000	1/2" (13 mm)	5

- 4 screw-mount system on models 57306-57315.
- 5 screw-mount system on models 58441-58446.
- All pads: **PREMIUM URETHANE**; medium density.

Vacuum Pads

Pad Diameter	Part Number	MOS 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



Channel Vacuum Pad

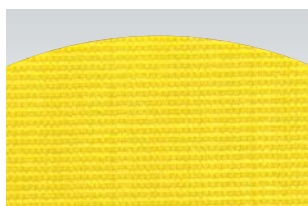
Pad Diameter	Part Number	Max. RPM	Thickness	Holes	Screws
6" (152 mm)	57772	12,000	3/8" (10 mm)	6	4



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.

All pads: **PREMIUM URETHANE**; medium density.

Non-Vacuum Pads

Pad Diameter	Part Number	Max. RPM	Thickness	Screws
5" (127 mm)	57760	12,000	3/8" (10 mm)	5
	57770	12,000	3/8" (10 mm)	4
6" (152 mm)	57773	12,000	3/8" (10 mm)	4
	57764	12,000	3/8" (10 mm)	5
8" (203 mm)	56236	10,000	1/2" (13 mm)	5

- 4 screw-mount system on models 57306-57315.
- 5 screw-mount system on models 58441-58446.

Vacuum Pads

Pad Diameter	Part Number	Max. RPM	Thickness	Holes	Screws
6" (152 mm)	57775	12,000	3/8" (10 mm)	6	4
	57765	12,000	3/8" (10 mm)	6	5
8" (203 mm)	56237	10,000	1/2" (13 mm)	8	5



Channel Vacuum Pads

Pad Diameter	Part Number	Max. RPM	Thickness	Holes	Screws
6" (152 mm)	57774	12,000	3/8" (10 mm)	8	4
	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.
- Long nap Hook-Face pads mount with five screws.
- Medium density.



Non-Vacuum Pads

Pad Diameter	Part Number	Holes	Nap	Thickness
8" (203 mm)	54332	0	Long	1/2" (13 mm)
	54335	0	Short	1/2" (13 mm)

Vacuum Pads

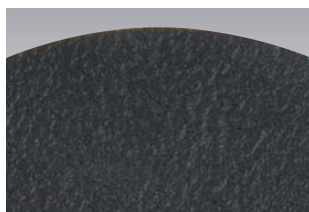
Pad Diameter	Part Number	Holes	Nap	Thickness
8" (203 mm)	54333	8	Long	1/2" (13 mm)
	54336	8	Short	1/2" (13 mm)



11" Random Orbital & Gear-Driven Sanding Pads

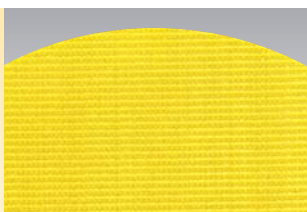
Premium Foam Pads for Large Diameter Sanders - For use on Both Non-Vacuum and Vacuum Models

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)



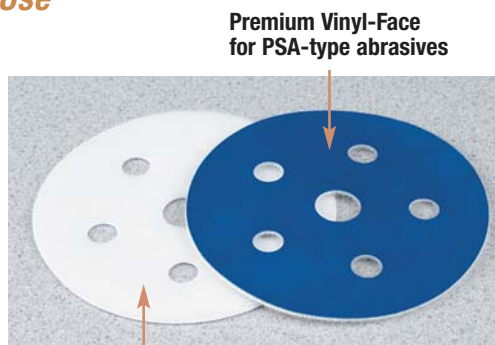
Pad Conversions

Hook-to-Vinyl

Non-Vacuum and Vacuum Use

- Thin scrim-backed sheet attaches to standard Hook-Face pad and accepts PSA-type abrasives.

Part No.	Diameter	
53992	5" (127 mm)	
53993	6" (152 mm)	



Loop material attaches to standard Hook-Face sanding pad



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" (93 mm) x 7" (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" (93 mm) x 7" (178 mm)	57855	Vinyl	—	4
	57856	Hook	Short	4



Channel Vacuum Pads

Pad Dimensions	Part Number	Face	Nap	Screws
3-2/3" (93 mm) x 7" (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" (68 mm) x 7" (175 mm)	56354	Vinyl
3" (74 mm) x 4-1/4" (109 mm)	56315	Hook
	56355	Vinyl
3-1/4" (80 mm) x 5" (130 mm)	56317	Hook
	56357	Vinyl
4-1/4" (108 mm) x 4-1/2" (114 mm)	56330	Vinyl
	56331	Hook

Vacuum Pads



Pad Dimensions	Part Number	Vacuum Holes	Face
68 mm (2-3/4") x 196 mm (7-3/4")	56324*	8	Loop
	56326	8	Hook
3" (74 mm) x 4-1/4" (109 mm)	56316	4	Hook
	56356	4	Vinyl
3-1/4" (80 mm) x 130 mm (5")	56318	8 (4+4)	Hook
	56319	8	Hook
	56359	8	Vinyl
3-7/8" (99 mm) x 5-5/8" (143 mm)	56323	7 "Delta-Style"	Hook

*NOTE: 56324 Pad accepts Reverse Hook-Face abrasive discs

Dynabug® "Model T" Pads

- 20,000 RPM maximum operating speed.
- All pads mount with four screws (except P/N 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" (102 mm) W x 4-5/16" (110 mm) L with Clips	57999	1/4" (6 mm)	Medium
4-1/4" (108 mm) W x 4-1/2" (114 mm) L	56244	3/8" (10 mm)	Medium
	56245	5/8" (16 mm)	Soft

Vinyl-Face Vacuum Pads

Pad Dimensions	Part Number	Holes	Thickness	Density
4-1/4" (108 mm) W x 4-1/2" (114 mm) L	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" (108 mm) W x 4-1/2" (114 mm) L	57996	5/8" (16 mm)	Soft
	57998	3/8" (10 mm)	Medium

Hook-Face Vacuum Pads

Pad Dimensions	Part Number	Holes	Thickness	Density
5" (127 mm) Dia.	58086	5	13 mm (1/2")	Medium
6" (152 mm) Dia.	58093	6	13 mm (1/2")	Medium
4-1/4" (108 mm) W x 4-1/2" (114 mm) L	56292	6	3/8" (10 mm)	Medium
	56294	6	5/8" (16 mm)	Soft
	56285	6	5 mm (3/16")	Medium

Dynaline Sanding Pads

3/8" (10 mm) Thick, Medium Density Pads

- Pads mount with two screws.



Vinyl-Face Pads

Ideal for PSA-type disc adhesion.
Quick disc removal.

Hook-Face Pads

Use Short nap pads with reattachable discs.

Use Long nap pads with non-woven nylon discs.



Non-Vacuum Pads

Pad Dimensions	Part Number	Face	Nap	Screws
2-3/4" (70 mm) x 8" (203 mm)	57454	Vinyl	—	2
	57456	Hook	Short	2
	57471	Hook	Long	2
3-2/3" (93 mm) x 7" (178 mm)	57850	Vinyl	—	2
	57851	Hook	Short	2
	57852	Hook	Long	2

Vacuum Pads

Pad Dimensions	Part Number	Face	Nap	Vacuum Holes
2-3/4" (70 mm) x 8" (203 mm)	57455	Vinyl	—	6
	57457	Hook	Short	6
3-2/3" (93 mm) x 7" (178 mm)	57855	Vinyl	—	10
	57856	Hook	Short	10

Non-Vacuum Pad with Clips

Pad Dimensions	Part Number	Face	Nap	Screws
2-3/4" (70 mm) x 8" (203 mm)	57460	Vinyl	—	2

Channel Vacuum Pads

Pad Dimensions	Part Number	Face	Nap	Screws
3-2/3" (93 mm) x 7" (178 mm)	57870	Vinyl	—	4
	57871	Hook	Short	4

Dynafine® Sanding Pads

Round Shape

Diameter	Part No.	Vacuum Type	Thickness	Holes	Attachment	Nap	Density	Screws
3" (76 mm) Dia.	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

Dimension	Part No.	Vacuum Type	Thickness	Holes	Attachment	Nap	Density	Screws
2-7/8" x 3-1/8" (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



Tear Drop Shape

Dimension	Part No.	Vacuum Type	Thickness	Holes	Attachment	Nap	Density	Screws
3-3/4" x 2-3/8" (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



Raised Panel Shape

Dimension	Part No.	Vacuum Type	Thickness	Holes	Attachment	Nap	Density	Screws
4" x 3/4" (102 mm x 19 mm)	57956	Non-Vacuum	3/8" (10 mm)	0	Hook-Face	Short	Soft	2
4" x 1-1/4" (102 mm x 32 mm)	57957	Non-Vacuum	3/8" (10 mm)	0	Hook-Face	Short	Soft	2



NOTE: 98293 Complete Raised Panel Pad Assembly includes pad, mounting plate and two screws.

Polisher Backing Pads

- Hook-Face pads; for use with Dynabrade Buffers and Polishers.

Pad Diameter	Part Number	Thread Size	Backing Type	Pad MOS RPM
3" (76 mm)	50120	1/4"-20 Female	Foam	5,000
3" (76 mm)	50122	3/8"-24 Female	Foam	5,000
3" (76 mm)	50125	1/4"-20 Female	Rigid	5,000
3" (76 mm)	50126	3/8"-24 Female	Rigid	5,000
5" (127 mm)	50146	1/4"-20 Female	Rigid	6,000
5" (127 mm)	50147	3/8"-24 Female	Rigid	6,000
5" (127 mm)	50884	5/8"-11 Female	Rigid	10,000
6" (152 mm)	50946	5/8"-11 Female	Foam	3,200
7" (178 mm)	50853	5/8"-11 Female	Rigid	3,200
7" (178 mm)	50855	(1 Screw Mount)	Foam	3,200
8" (203 mm)	50947	5/8"-11 Female	Foam	3,200



Hook-Face Polishing Pads

For Use With Dynabuffers and Polishers



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.

Non-Vacuum

Pad Diameter	Part Number	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
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

*NOTE: Part Number 54330 has 5/16"-24 male thread



Performance Assurance

Air Tool and Air System Inspection/Diagnosis

Air Tool Inspection

☐ Inspect the air tool.



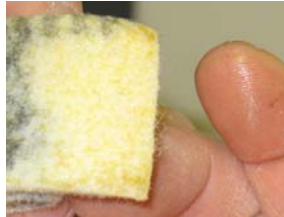
☐ Is the tool's air inlet clean?



☐ 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?

Air Supply Hose Recommendations

Air Motor SCFM	Hose and Fitting I.D.	Recommended Length
22 (623 L/Min)	1/4"	1' - 8'
28 (793 L/Min)	3/8"	1' - 25'
35 (991 L/Min)	3/8"	1' - 20'
45 (1274 L/Min)	3/8"	1' - 10'
73 (2067 L/Min)	1/2"	1' - 20'



Random Orbital Sander Swirl-Free Checklist

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

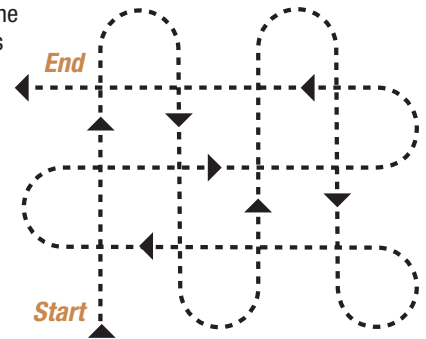
- ☐ **Inspect the face of the sanding pad.** The pad must be flat and smooth, without any defects. Check if they are using a Dynabrade back-up pad that is "weight-mated" to the sander. Using another pad can make the sander vibrate excessively and lead to an unacceptable finish.

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.**

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

*Costs will vary based on local charges per kilowatt-hour.

The cost of one leaking air hose:

$$\begin{array}{rclcl}
 240 & \times & 6,120 & = & 1,468,800 \\
 \text{working days} & & \text{leakage in cf} & & \text{air lost in cf} \\
 \text{per year} & & \text{per 24 hours} & & \text{per year} \\
 \\
 1,468,800 & \times & \$0.00041^* & = & \$602.21^* \\
 \text{air lost in cf} & & \text{cost per cf based on typical} & & \text{total cost} \\
 \text{per year} & & \text{energy costs per kilowatt-hour} & & \text{per year!}
 \end{array}$$

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.



Common Plug Connector
25 SCFM (708 L/Min)



Dynabrade Plug Connector
76 SCFM (2,152 L/Min)

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- ✓ Low Sound Levels**
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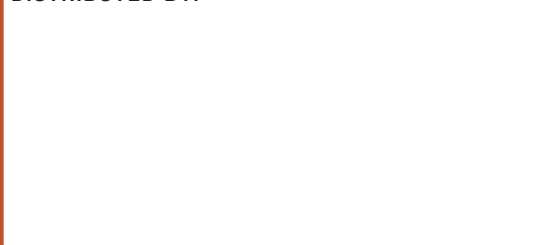
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