

# ***The Dynorbital-SPIRIT™ Line Now Offers SUPREME Versatility!***



***DYNABRADE...THE GLOBAL LEADER IN RANDOM ORBITAL SANDER TECHNOLOGY!***





# ***DYNABRADE RANDOM ORBITAL SANDERS...***

***A NEW WORLD OF VERSATILITY!***



## ***Dynorbital-Spirit™***

***THE LATEST IN DESIGN INNOVATION!***

- The **LIGHTEST** random orbital sander in the world! The perfect choice for **VERTICAL** applications.
- **THREE** orbit diameters available:  
3/8" (10 mm) for aggressive sanding.  
3/16" (5 mm) for swirl-free finishes.  
3/32" (2 mm) for ultra-fine finishes.
- New "V-Seal" and "Top Hat" bearing seals (patent pending) protect bearings from sanding residue, to ensure the most efficient vacuum capabilities! (See page 5.)

## ***HUNDREDS OF USES!***

*Furniture Fixtures and Moldings  
Solid Surface Counter Tops  
Custom Kitchen Cabinets • Custom Woodwork • Laminated Products  
Metal Finishing • Computer Chairs • Fiberglass Mold Repair on Bath Tubs  
Bronze Sculptures • Unfinished Wood Products • P.O.P. Displays • Custom Guitars  
Architectural Millwork • Finish Sand • Antique Restoration • Case Work  
Roll-Top Desks • Finish Door and Window Frames • Auto Body Work  
Sheet Metal Surface Prep • Office Furniture • Hydraulic Tanks and Top Plates*



*As the global leader in Random Orbital Sanding Technology, Dynabrade consistently strives for product innovation and improvement. This ongoing commitment has led to a new world of versatility – choose the traditional excellence of the Dynorbital® SUPREME, or the new, lightweight Dynorbital-SPIRIT™!*



## ***Dynorbital® Supreme***

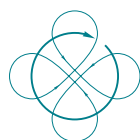
***THE TRADITION OF EXCELLENCE CONTINUES!***

- Long established as the BEST random orbital sander on the market!
- Low-profile design, smooth and quiet.
- Highest quality construction for dependable performance, even in high-production workplaces.
- Traditional palm-style models offered, plus two-hand models (see back cover).

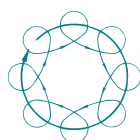
*Plastic Aircraft Panels • Outdoor Signs • Upholstered Furniture • White Sanding Tables and Chairs • Utility Trucks • Medical Equipment • Computer Frames  
Food Industry Conveyors • Veneer Zinc Castings • Window Shutters  
Refinish Aircraft Windows • Raised Panel Doors • Painted Parts • Billiard Tables  
Auto Bumper • Fabricated Metal Parts • Edge Sanding • Polish Steel Caps  
Custom Cabinets • Aluminum Furniture • Sand Primer • Decorative Accessories  
Surface Prep • Fiberglass Boats • Home Appliances • Satellite Antennas  
MDF Components • Finish Custom Injection Moldings and Much More!*



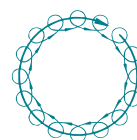
# DYNORBITAL-SPIRIT™ RANDOM ORBITAL SANDERS



**3/8" (10 mm)  
Diameter Orbit**  
*For Aggressive Sanding*



**3/16" (5 mm)  
Diameter Orbit**  
*For General Sanding*



**3/32" (2 mm)  
Diameter Orbit**  
*For Ultra-Fine Sanding*

## NON-VACUUM MODELS



- Includes low profile, premium urethane, weight-mated sanding pad.
- Can be easily converted to self-generated vacuum for connection to a self-contained dust collection system. Can also be converted to connect to a standard central vacuum system. (See page 10.)

PAD DIAMETER	3/8" ORBIT MODELS (PAD)	3/16" ORBIT MODELS (PAD)	3/32" ORBIT MODELS (PAD)
<b>3"</b> (76 mm)	<b>59100</b> (56084)	<b>59105</b> (56084)	<b>59110</b> (56084)
<b>3-1/2"</b> (89 mm)	<b>59000</b> (56098)	<b>59015</b> (56098)	<b>59030</b> (56098)
<b>5"</b> (127 mm)	<b>59005</b> (56106)	<b>59020</b> (56106)	<b>59035</b> (56106)
<b>6"</b> (152 mm)	<b>59010</b> (56107)	<b>59025</b> (56107)	<b>59040</b> (56107)

## CENTRAL VACUUM-READY MODELS



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

PAD DIAMETER	3/8" ORBIT MODELS (PAD)	3/16" ORBIT MODELS (PAD)	3/32" ORBIT MODELS (PAD)
<b>3"</b> (76 mm)	<b>59104</b> (56084)	<b>59109</b> (56084)	<b>59114</b> (56084)
<b>3-1/2"</b> (89 mm)	<b>59004</b> (56098)	<b>59019</b> (56098)	<b>59034</b> (56098)
<b>5"</b> (127 mm)	<b>59009</b> (56104)	<b>59024</b> (56104)	<b>59039</b> (56104)
<b>6"</b> (152 mm)	<b>59014</b> (56105)	<b>59029</b> (56105)	<b>59044</b> (56105)

## SELF-GENERATED VACUUM-READY MODELS



*Optional 50617 Dust Collection System  
is available (see page 10).*

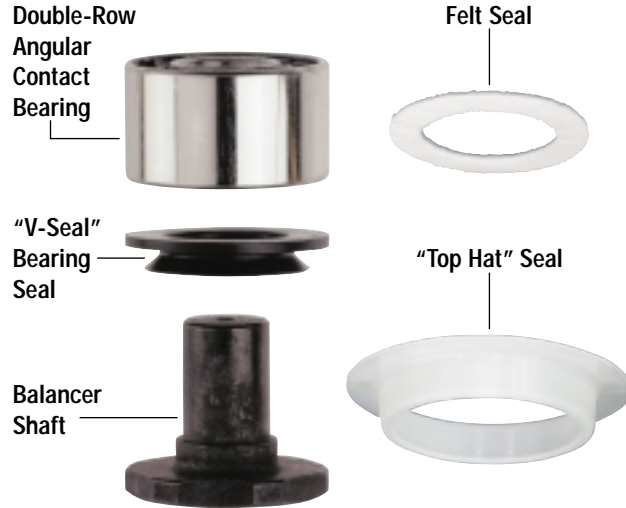
- Includes low profile, premium urethane, weight mated sanding pad.
- Ready for connection to portable self-contained dust collection systems (see page 10).
- Can be converted to central vacuum to connect to standard central vacuum system (see page 10).

PAD DIAMETER	3/8" ORBIT MODELS (PAD)	3/16" ORBIT MODELS (PAD)	3/32" ORBIT MODELS (PAD)
<b>3"</b> (76 mm)	<b>59103</b> (56084)	<b>59108</b> (56084)	<b>59113</b> (56084)
<b>3-1/2"</b> (89 mm)	<b>59003</b> (56098)	<b>59018</b> (56098)	<b>59033</b> (56098)
<b>5"</b> (127 mm)	<b>59008</b> (56104)	<b>59023</b> (56104)	<b>59038</b> (56104)
<b>6"</b> (152 mm)	<b>59013</b> (56105)	<b>59028</b> (56105)	<b>59043</b> (56105)

# DYNORBITAL-SPIRIT™ FEATURES / SPECIFICATIONS

## NEW INNOVATIVE BEARING SEALS

- New and innovative “V-Seal” bearing seal protects balancer shaft bearing from sanding residue, for longer life.
- Unique “Top Hat” seal protects front motor bearing from sanding residue. Also holds in bearing lubrication while keeping out other contaminants!



## THE LIGHTEST TOOL AVAILABLE!

- Incorporates the latest engineering and manufacturing technology to create the lightest sander on the market today. Non-vacuum model weighs just 22 ounces (1.4 lbs.) (.64 kg). This makes the Dynorbital-Spirit™ ideal for all vertical applications.

## COMPOSITE COLOR-CODED LEVERS

- Color-coded levers easily identify tool’s orbit diameter. Also insulates hand from cold air. Lever is recessed into the housing, eliminating a “pinch point” on the sensitive area of the palm.



## COMFORTABLE OVERMOLD GRIP

- Extended overmold tool grip is made of unique composite material for comfortable “anti-slip” feel. Grip also reduces tool vibration!

## ANTI-CLOG VACUUM DESIGN

- Anti-clog design enhances the vacuum pick-up on self-generated and central vacuum models. Dust particles are directed away from the air motor (reducing contamination) following a smoother, easier path of extraction.

## DYNORBITAL-SPIRIT™ MACHINE SPECIFICATIONS

Model Number	Tool Dia. Inch (mm)	Dia. Orbit Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)
59000	3-1/2 (89)	3/8 (10)	81 dB(A)	1.4 (0.6)	6 (152)
59003	3-1/2 (89)	3/8 (10)	77 dB(A)	1.5 (0.7)	8-1/2 (216)
59004	3-1/2 (89)	3/8 (10)	83 dB(A)	1.5 (0.7)	7 (178)
59005	5 (127)	3/8 (10)	75 dB(A)	1.5 (0.7)	6-1/2 (165)
59008	5 (127)	3/8 (10)	78 dB(A)	1.6 (0.7)	8-1/2 (216)
59009	5 (127)	3/8 (10)	77 dB(A)	1.5 (0.7)	7-1/4 (184)
59010	6 (152)	3/8 (10)	79 dB(A)	1.6 (0.7)	7 (178)
59013	6 (152)	3/8 (10)	79 dB(A)	1.7 (0.7)	9 (229)
59014	6 (152)	3/8 (10)	79 dB(A)	1.6 (0.7)	7-3/4 (197)
59015	3-1/2 (89)	3/16 (5)	73 dB(A)	1.4 (0.6)	6 (152)
59018	3-1/2 (89)	3/16 (5)	76 dB(A)	1.4 (0.6)	8-1/2 (216)
59019	3-1/2 (89)	3/16 (5)	74 dB(A)	1.4 (0.6)	7 (178)
59020	5 (127)	3/16 (5)	75 dB(A)	1.4 (0.6)	6-1/2 (165)
59023	5 (127)	3/16 (5)	80 dB(A)	1.5 (0.7)	8-1/2 (216)
59024	5 (127)	3/16 (5)	77 dB(A)	1.5 (0.6)	7-1/4 (184)
59025	6 (152)	3/16 (5)	75 dB(A)	1.5 (0.7)	7 (178)
59028	6 (152)	3/16 (5)	80 dB(A)	1.6 (0.7)	9 (229)
59029	6 (152)	3/16 (5)	75 dB(A)	1.6 (0.7)	7-3/4 (197)

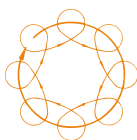
Model Number	Tool Dia. Inch (mm)	Dia. Orbit Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)
59030	3-1/2 (89)	3/32 (2)	76 dB(A)	1.4 (0.6)	6 (152)
59033	3-1/2 (89)	3/32 (2)	77 dB(A)	1.4 (0.6)	8-1/2 (216)
59034	3-1/2 (89)	3/32 (2)	75 dB(A)	1.4 (0.6)	7 (178)
59035	5 (127)	3/32 (2)	75 dB(A)	1.4 (0.6)	6-1/2 (165)
59038	5 (127)	3/32 (2)	77 dB(A)	1.5 (0.6)	8-1/2 (216)
59039	5 (127)	3/32 (2)	77 dB(A)	1.4 (0.6)	7-1/4 (184)
59040	6 (152)	3/32 (2)	74 dB(A)	1.5 (0.6)	7 (178)
59043	6 (152)	3/32 (2)	83 dB(A)	1.5 (0.7)	9 (229)
59044	6 (152)	3/32 (2)	76 dB(A)	1.5 (0.7)	7-3/4 (197)
59100	3 (76)	3/8 (10)	81 dB(A)	1.4 (0.6)	6 (152)
59103	3 (76)	3/8 (10)	77 dB(A)	1.5 (0.6)	8-1/2 (216)
59104	3 (76)	3/8 (10)	83 dB(A)	1.5 (0.6)	7 (178)
59105	3 (76)	3/16 (5)	73 dB(A)	1.4 (0.6)	6-1/2 (165)
59108	3 (76)	3/16 (5)	76 dB(A)	1.4 (0.6)	8-1/2 (216)
59109	3 (76)	3/16 (5)	74 dB(A)	1.4 (0.6)	7-1/4 (184)
59110	3 (76)	3/32 (2)	76 dB(A)	1.3 (0.6)	7 (178)
59113	3 (76)	3/32 (2)	77 dB(A)	1.4 (0.6)	9 (229)
59114	3 (76)	3/32 (2)	75 dB(A)	1.4 (0.6)	7-3/4 (197)

### Additional Specifications for All Models:

Motor HP: .25 (186 W)	Motor RPM: 12,000	Spindle Thread: 5/16"-24 female	Height: 3-1/2" (89 mm)
Air Flow Rate: 2 CFM/14 SCFM (396 LPM)	Air Inlet Thread: 1/4" NPT	Air Pressure: 90 PSIG (6.2 Bars)	Hose I.D. Size: 1/4" (6 mm)



# DYNORBITAL® SUPREME RANDOM ORBITAL SANDERS



**3/16" (5 mm) Diameter Orbit**  
For General Sanding



**3/32" (2 mm) Diameter Orbit**  
For Ultra-Fine Sanding

## NON-VACUUM MODELS



- Includes low profile, premium urethane, weight-mated sanding pad.
- Can be easily converted to self-generated vacuum for connection to a self-contained dust collection system. Can also be converted to connect to a standard central vacuum system. (See page 10.)

PAD DIAMETER	3/16" ORBIT MODELS (PAD)	3/32" ORBIT MODELS (PAD)
<b>3-1/2"</b> (89 mm)	<b>56800</b> (56098)	<b>56840</b> (56098)
<b>5"</b> (127 mm)	<b>56815</b> (56106)	<b>56850</b> (56106)
<b>6"</b> (152 mm)	<b>56826</b> (56107)	<b>56859</b> (56107)

## CENTRAL VACUUM-READY MODELS



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

PAD DIAMETER	3/16" ORBIT MODELS (PAD)	3/32" ORBIT MODELS (PAD)
<b>3-1/2"</b> (89 mm)	<b>56804</b> (56098)	<b>56844</b> (56098)
<b>5"</b> (127 mm)	<b>56819</b> (56104)	<b>56854</b> (56104)
<b>6"</b> (152 mm)	<b>56830</b> (56105)	<b>56863</b> (56105)

## SELF-GENERATED VACUUM-READY MODELS



- Includes low profile, premium urethane, weight mated sanding pad.
- Ready for connection to portable self-contained dust collection systems (see page 10).
- Can be converted to central vacuum to connect to standard central vacuum system (see page 10).

PAD DIAMETER	3/16" ORBIT MODELS (PAD)	3/32" ORBIT MODELS (PAD)
<b>3-1/2"</b> (89 mm)	<b>56803</b> (56098)	<b>56843</b> (56098)
<b>5"</b> (127 mm)	<b>56818</b> (56104)	<b>56853</b> (56104)
<b>6"</b> (152 mm)	<b>56829</b> (56105)	<b>56862</b> (56105)

Optional 50617 Dust Collection System is available (see page 10).

# DYNORBITAL® SUPREME FEATURES / SPECIFICATIONS

## LESS VIBRATION

- Composite base has integrated rubber over-mold creating a non-slip feel, as well as insulating from cold. Also, the air motor is suspended by vibration-absorbing rubber rings (Patent No. 5,319,888) to minimize vibration.

## LOW SOUND LEVELS

- Muffling system reduces sound levels to as low as 76 dB(A).

## TRIPLE-SEALED BALANCER BEARING

- Triple-sealed front double row balancer bearing (Patent No. 4,854,085) is guarded from sanding residue for long life and lower maintenance; easy replacement using 57098 Repair Kit.

## ANTI-CLOG VACUUM DESIGN

- Anti-clog design (Patent No. 5,319,888) enhances the vacuum pick-up on self-generated and central vacuum models. Dust particles are directed away from the air motor (reducing contamination) following a smoother, easier path of extraction.

## MORE POWER

- Unique rotor utilizes five blades, producing more useable power. This composite rotor (Merlite® III) is stronger and has better lubricating qualities, allowing the blades to last longer.

## PERFECTLY BALANCED SANDING PAD

- The best in the business! Perfectly-balanced, weight-mated pad helps reduce vibration for the ultimate in swirl-free finishes (see pages 8 and 9).



## ADDITIONAL FEATURES

- Ergonomic design - the shape of the housing conforms to operator's hand for proper wrist position required for greater operator comfort and control. One-piece speed control lever standard on all models. Hardened steel alloy cylinder for longer cylinder life and less maintenance. Patented lip-seal shroud (Patent No. 4,531,329).



*Ideal for woodworking...*



*solid surfaces...*



*metal, plastic and more!*

## DYNORBITAL® SUPREME MACHINE SPECIFICATIONS

Model Number	Tool Dia. Inch (mm)	Motor HP (W)	Motor RPM	Dia. Orbit Inch (mm)	Sound Level	Air Pressure PSIG (Bars)	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
56800	3-1/2 (89)	.28 (209)	12,000	3/16" (5)	76 dB(A)	90 (6.2)	5/16"-24 female	2.1 (1.0)	6 (152)	3-3/4 (95)
56803	3-1/2 (89)	.28 (209)	12,000	3/16" (5)	83 dB(A)	90 (6.2)	5/16"-24 female	2.1 (1.0)	8-1/4 (210)	3-3/4 (95)
56804	3-1/2 (89)	.28 (209)	12,000	3/16" (5)	76 dB(A)	90 (6.2)	5/16"-24 female	2.1 (1.0)	7 (178)	3-3/4 (95)
56815	5 (127)	.28 (209)	12,000	3/16" (5)	78 dB(A)	90 (6.2)	5/16"-24 female	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
56818	5 (127)	.28 (209)	12,000	3/16" (5)	81 dB(A)	90 (6.2)	5/16"-24 female	2.1 (1.0)	8-1/2 (216)	3-5/8 (92)
56819	5 (127)	.28 (209)	12,000	3/16" (5)	78 dB(A)	90 (6.2)	5/16"-24 female	2.2 (1.0)	7-1/4 (184)	3-5/8 (92)
56826	6 (152)	.28 (209)	12,000	3/16" (5)	79 dB(A)	90 (6.2)	5/16"-24 female	2.2 (1.0)	7 (178)	3-1/2 (89)
56829	6 (152)	.28 (209)	12,000	3/16" (5)	79 dB(A)	90 (6.2)	5/16"-24 female	2.2 (1.0)	9 (229)	3-1/2 (89)
56830	6 (152)	.28 (209)	12,000	3/16" (5)	79 dB(A)	90 (6.2)	5/16"-24 female	2.2 (1.0)	7-3/4 (197)	3-1/2 (89)
56840	3-1/2 (89)	.28 (209)	12,000	3/32" (2)	76 dB(A)	90 (6.2)	5/16"-24 female	2.1 (1.0)	6 (152)	3-3/4 (95)
56843	3-1/2 (89)	.28 (209)	12,000	3/32" (2)	83 dB(A)	90 (6.2)	5/16"-24 female	2.1 (1.0)	8-1/4 (210)	3-3/4 (95)
56844	3-1/2 (89)	.28 (209)	12,000	3/32" (2)	76 dB(A)	90 (6.2)	5/16"-24 female	2.1 (1.0)	7 (178)	3-3/4 (95)
56850	5 (127)	.28 (209)	12,000	3/32" (2)	78 dB(A)	90 (6.2)	5/16"-24 female	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
56853	5 (127)	.28 (209)	12,000	3/32" (2)	81 dB(A)	90 (6.2)	5/16"-24 female	2.1 (1.0)	8-1/2 (216)	3-5/8 (92)
56854	5 (127)	.28 (209)	12,000	3/32" (2)	78 dB(A)	90 (6.2)	5/16"-24 female	2.2 (1.0)	7-1/4 (184)	3-5/8 (92)
56859	6 (152)	.28 (209)	12,000	3/32" (2)	79 dB(A)	90 (6.2)	5/16"-24 female	2.2 (1.0)	7 (178)	3-1/2 (89)
56862	6 (152)	.28 (209)	12,000	3/32" (2)	79 dB(A)	90 (6.2)	5/16"-24 female	2.2 (1.0)	9 (229)	3-1/2 (89)
56863	6 (152)	.28 (209)	12,000	3/32" (2)	79 dB(A)	90 (6.2)	5/16"-24 female	2.2 (1.0)	7-3/4 (197)	3-1/2 (89)
<b>Additional Specifications for All Models:</b>			Air Inlet Thread: 1/4" NPT			Hose I.D. Size: 1/4" (8 mm)		Air Flow Rate: 3 CFM/18 SCFM (510 LPM)		

# RANDOM ORBITAL SANDING PADS

All Pads: 5/16"-24 Male Thread  
13,000 RPM Maximum Operating Speed

## PREMIUM URETHANE VINYL-FACE PADS

### 3" (76 mm) Diameter

#### NO HOLES

- Premium urethane vinyl-face pads for PSA-type discs.



PART NO.	TYPE	THICKNESS	DENSITY
56084	No Holes	5/8" (16 mm)	Medium
56086	No Holes	5/8" (16 mm)	Soft

### 3-1/2" (89 mm) Diameter

#### NO HOLES

- Premium urethane vinyl-face pads for PSA-type discs.



PART NO.	TYPE	THICKNESS	DENSITY
56097	No Holes	5/8" (16 mm)	Soft
56098	No Holes	5/8" (16 mm)	Medium

### 5" (127 mm) Diameter

#### NON-VACUUM

- Premium urethane vinyl-face pads for PSA-type discs.



PART NO.	TYPE	HOLES	THICKNESS	DENSITY
56102	Non-Vac	N/A	3/8" (10 mm)	Soft
56106	Non-Vac	N/A	3/8" (10 mm)	Medium
56175	Non-Vac	N/A	5/8" (16 mm)	Medium
56185	Non-Vac	N/A	5/8" (16 mm)	Soft
56100	Vac	5	3/8" (10 mm)	Soft
56104	Vac	5	3/8" (10 mm)	Medium
56176	Vac	5	5/8" (16 mm)	Medium
56186	Vac	5	5/8" (16 mm)	Soft
56251	Channel Vac	5	3/8" (10 mm)	Soft
56252	Channel Vac	5	3/8" (10 mm)	Medium
56254	Channel Vac	5	5/8" (16 mm)	Medium
56256	Channel Vac	5	5/8" (16 mm)	Soft

#### VACUUM

- Premium urethane vinyl-face pads for PSA-type discs.



#### CHANNEL VAC

- 1/8" deep recessed channel. No need to align vacuum holes to pad holes.



### 6" (152 mm) Diameter

#### NON-VACUUM

- Premium urethane vinyl-face pads for PSA-type discs.



PART NO.	TYPE	HOLES	THICKNESS	DENSITY
56103	Non-Vac	N/A	3/8" (10 mm)	Soft
56107	Non-Vac	N/A	3/8" (10 mm)	Medium
56177	Non-Vac	N/A	5/8" (16 mm)	Medium
56187	Non-Vac	N/A	5/8" (16 mm)	Soft
56101	Vac	6	3/8" (10 mm)	Soft
56105	Vac	6	3/8" (10 mm)	Medium
56178	Vac	6	5/8" (16 mm)	Medium
56188	Vac	6	5/8" (16 mm)	Soft
56261	Channel Vac	6	3/8" (10 mm)	Soft
56262	Channel Vac	6	3/8" (10 mm)	Medium
56264	Channel Vac	6	5/8" (16 mm)	Medium
56266	Channel Vac	6	5/8" (16 mm)	Soft

#### VACUUM

- Premium urethane vinyl-face pads for PSA-type discs.



#### CHANNEL VAC

- 1/8" deep recessed channel. No need to align vacuum holes to pad holes.



## RUBBER PADS

### 5" (127 mm) and 6" (152 mm) Rubber Diamond Pattern Pads

#### NON-VACUUM

- Rubber pads for PSA-type discs.



PART NO.	TYPE	DIAMETER	HOLES	THICKNESS	DENSITY
50630	Non-Vac	5" (127 mm)	N/A	1/2" (13 mm)	Medium
50631	Vac	5" (127 mm)	5	1/2" (13 mm)	Medium
50632	Non-Vac	6" (152 mm)	N/A	1/2" (13 mm)	Medium
50633	Vac	6" (152 mm)	6	1/2" (13 mm)	Medium

### 5" (127 mm) and 6" (152 mm) Rubber Post Pattern Pads

#### VACUUM

- For PSA-type discs. Enhanced vacuum pick-up. No need to align holes.



PART NO.	TYPE	DIAMETER	HOLES	THICKNESS	DENSITY
50695	Vac	5" (127 mm)	5	1/2" (13 mm)	Medium
50696	Vac	6" (152 mm)	6	1/2" (13 mm)	Medium



# RANDOM ORBITAL SANDING PADS

All Pads: 5/16"-24 Male Thread  
13,000 RPM Maximum Operating Speed

## PREMIUM URETHANE HOOK-FACE PADS

### 3" (76 mm) Diameter

#### NO HOLES

- Short and long nap hook-face pads for scrim-back discs.



PART NO.	TYPE	NAP	THICKNESS	DENSITY
56087	No Holes	Short	5/8" (16 mm)	Medium
56090	No Holes	Long	5/8" (16 mm)	Medium

### 3-1/2" (89 mm) Diameter

#### NO HOLES

- Short and long nap hook-face pads for scrim-back discs.



PART NO.	TYPE	NAP	THICKNESS	DENSITY
54311	No Holes	Short	5/8" (16 mm)	Soft
54313	No Holes	Short	5/8" (16 mm)	Medium
54314	No Holes	Long	5/8" (16 mm)	Medium

### 5" (127 mm) Diameter

#### NON-VACUUM

- Short nap hook-face pads for scrim-back discs



PART NO.	TYPE	HOLES	NAP	THICKNESS	DENSITY
54325	Non-Vac	N/A	Short	3/8" (10 mm)	Medium
56157	Non-Vac	N/A	Short	3/8" (10 mm)	Soft
56180	Non-Vac	N/A	Short	5/8" (16 mm)	Medium
56195	Non-Vac	N/A	Short	5/8" (16 mm)	Soft
54326	Vac	5	Short	3/8" (10 mm)	Medium
56155	Vac	5	Short	3/8" (10 mm)	Soft
56181	Vac	5	Short	5/8" (16 mm)	Medium
56196	Vac	5	Short	5/8" (16 mm)	Soft
56250	Channel Vac	5	Short	3/8" (10 mm)	Medium
56253	Channel Vac	5	Short	3/8" (10 mm)	Soft
56255	Channel Vac	5	Short	5/8" (16 mm)	Medium
56257	Channel Vac	5	Short	5/8" (16 mm)	Soft

#### VACUUM

- Short nap hook-face pads for scrim-back discs



#### CHANNEL VAC

- 1/8" deep recessed channel. No need to align vacuum holes to pad holes.



### 6" (152 mm) Diameter

#### NON-VACUUM

- Short nap hook-face pads for scrim-back discs



PART NO.	TYPE	HOLES	NAP	THICKNESS	DENSITY
54327	Non-Vac	N/A	Short	3/8" (13 mm)	Medium
56158	Non-Vac	N/A	Short	3/8" (13 mm)	Soft
56182	Non-Vac	N/A	Short	5/8" (16 mm)	Medium
56197	Non-Vac	N/A	Short	5/8" (16 mm)	Soft
54328	Vac	6	Short	3/8" (10 mm)	Medium
56156	Vac	6	Short	3/8" (10 mm)	Soft
56183	Vac	6	Short	5/8" (16 mm)	Medium
56198	Vac	6	Short	5/8" (16 mm)	Soft
56260	Channel Vac	6	Short	3/8" (10 mm)	Medium
56263	Channel Vac	6	Short	3/8" (10 mm)	Soft
56265	Channel Vac	6	Short	5/8" (16 mm)	Medium
56267	Channel Vac	6	Short	5/8" (16 mm)	Soft

#### VACUUM

- Short nap hook-face pads for scrim-back discs



#### CHANNEL VAC

- 1/8" deep recessed channel. No need to align vacuum holes to pad holes.



## RUBBER HOOK-FACE PADS

### 5" (127 mm) and 6" (152 mm)

#### Rubber Hook-Face Pads

#### NON-VACUUM

- Long nap hook-face rubber pads for scrim-back discs



PART NO.	TYPE	DIAMETER	HOLES	NAP	THICKNESS	DENSITY
50605	Non-Vac	5" (127 mm)	N/A	Long	1/2" (13 mm)	Medium
50607	Vac	5" (127 mm)	5	Long	1/2" (13 mm)	Medium
50606	Non-Vac	6" (152 mm)	N/A	Long	1/2" (13 mm)	Medium
50610	Vac	6" (152 mm)	N/A	Long	1/2" (13 mm)	Medium

# SELF-CONTAINED DUST COLLECTION SYSTEMS

*For use with Self-Generated Vacuum-Ready Random Orbital Sanders*

## REUSABLE FELT BAGS

- New bag design features a one-micron filter rating. Bag traps over 99% of vacuum particles one micron or larger.

### Model 50694

#### Mini-Reusable Felt Bag

- 11" (279 mm) long x 3" (76 mm) wide. End opens up - no need to remove bag from tool when emptying.

### Model 50683

#### Hook 'n Loop End

- 14-1/2" (368 mm) long x 7-1/2" (191 mm) wide.

### Model 56304

#### Zipper Lock End

- 14-1/2" (368 mm) long x 7-1/2" (191 mm) wide.



## MINI-FLEX HOSE SYSTEMS

### Model 54284

#### 1" (25 mm) Dia. x 10' (305 cm) Long

- 95580 Air Line (1/4" [6 mm] dia. x 28" [711 mm] long).
- 50638 Flex Hose (1" [25 mm] dia. x 18" [457 mm] long).
- 50694 Mini-Reusable Felt Bag and 95362 Rubber Connectors.

### Models 50617 and 56303

#### 6' (183 cm) Long Flex Hose

- Both systems include 6' (183 cm) long 50682 Flex Hose.
- Shown with optional 95361 Air Line (1/4" dia.)

**50617:** Has 50683 Standard Reusable Felt Bag with hook 'n loop end for easy emptying.

**56303:** Has 56304 Zipper-Lock Bag.



## "BAG-IN-A-BOX" SYSTEM

### Model 54290

- 95361 Air Line (5' [152 mm] long).
- 50682 Flex Hose (1" [25 mm] dia. x 6' [183 cm] long).
- 95362 Rubber Connectors.
- 95575 Durable Box Receptacle.
- Sample paper bag included. Paper bag reorder: 50693 (24 per package).



## OVERSKIRT SHROUDS

### Model 57084

#### 3" (76 mm) and 3-1/2" (89 mm)

### Model 57086

#### 5" (127 mm)

### Model 57087

#### 6" (152 mm)

- Replace standard lip-seal shrouds in seconds.
- Has built-in vacuum port.
- Protects pad edges when working near workpiece sides, maximizes dust pick-up on vacuum models.



## HOSE COVER

### Model 95986

#### 5' (152 cm) Long Cloth Cover

- Covers air line and exhaust/vacuum hoses (not included).
- Eliminates damage from hoses dragging on the workpiece.



## VACUUM CONVERSIONS KITS

Original Non-Vac Tool	Converts To	Kit Part Number
3-1/2" (89 mm)	Self-Generated Vac-Ready	57118
3-1/2" (89 mm)	Central Vac-Ready	57119
5" (127 mm)	Self-Generated Vac-Ready	57120
5" (127 mm)	Central Vac-Ready	57121
6" (152 mm)	Self-Generated Vac-Ready	57122
6" (152 mm)	Central Vac-Ready	57123



# RANDOM ORBITAL SANDER ACCESSORIES

## DYNORBITAL-SPIRIT™ DROP-IN MOTOR

- Allows quick and easy replacement.
- No motor adjustments needed.
- Repair time reduced by 90%!
- Follow maintenance procedures described in Dynorbital-Spirit™ parts page.



### 3" (76 mm) and 3-1/2" (89 mm)

	3/8" (10 mm) Dia. Orbit	3/16" (5 mm) Dia. Orbit	3/32" (2.5 mm) Dia. Orbit
Single Motor	59450	59451	59452
Ten Pack w/Repair Tools	59460	59461	59462
Ten Pack	59470	59471	59472

### 5" (127 mm) Diameter Models

	3/8" (10 mm) Dia. Orbit	3/16" (5 mm) Dia. Orbit	3/32" (2.5 mm) Dia. Orbit
Single Motor	59453	59454	59455
Ten Pack w/Repair Tools	59463	59464	59465
Ten Pack	59473	59474	59475

### 6" (152 mm) Diameter Models

	3/8" (10 mm) Dia. Orbit	3/16" (5 mm) Dia. Orbit	3/32" (2.5 mm) Dia. Orbit
Single Motor	59456	59457	59458
Ten Pack w/Repair Tools	59466	59467	59468
Ten Pack	59476	59477	59478

## MOTOR TUNE-UP & REPAIR KITS

### 96510

#### Dynorbital-Spirit™ Motor Tune-Up Kit



### 96024

#### Dynorbital® Supreme Motor Tune-Up Kit

- Both kits include assorted parts to maintain and repair motor.

### 59459

#### Drop-In Motor Repair Kit

- Tools for proper disassembly/assembly of the Dynorbital-Spirit™ drop-in motor.
- Tools may also be used for Dynorbital® Supreme motor.



### 57098

#### Full Service Repair Kit

- Tools for proper disassembly/assembly of Dynorbital-Spirit™ and Dynorbital® Supreme motors.



### 50679

#### 26 mm Wrench

- For quick and easy change of sanding pad.

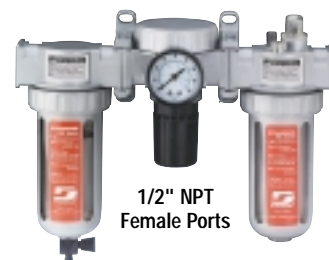


## FILTER-REGULATOR-LUBRICATOR

### Model 11411

#### 55 SCFM @ 100 PSIG

- Provides accurate air pressure regulation, two stage filtration of water/contaminants and lubrication of pneumatic components.
- We recommend one drop of Dynabrade Air Lube (95842) per minute for each 10 SCFM of air flow (example: drop rate at 4 drops per minute if tool is rated at 40 SCFM).



1/2" NPT  
Female Ports

## SWIVEL AIR LINE HOSE AND FITTINGS

- Cost effective solutions for air supply systems.
- Eliminates kinking, fittings swivel 360° for easy use.
- Tough, flexible and lightweight.



Part No.	Hose O.D.	Hose I.D.	Length Feet (cm)	Swivel Air Line Description
96222	3/8"	1/4"	3 (91)	1/4" female to 1/4" male
96223	3/8"	1/4"	6 (183)	1/4" female to 1/4" male
96224	3/8"	1/4"	Custom	Hose by the Foot (Fittings Sold Separately)

### 96228 Fitting 1/4" NPT Female

- For 3/8" hose.



### 96229 Fitting 1/4" NPT Male

- For 3/8" hose.



## FLEXIBLE AIR LINES

### 11292

#### 3/8" (10 mm) I.D. with Two 1/4" Male Fittings

- 8 feet (249 cm) long.



### 95870

#### 1/2" (13 mm) I.D. with Male and Female Fittings

- 5 feet (152 cm) long.



#### 1/4" I.D. (6 mm) with Male and Female Fittings

### 95361

- 5 feet (152 cm) long.

### 95580

- 28" (711 mm) long.



### 95807

- Custom length, no fittings (specify length).

### 95938

- One set factory-installed; male and female fittings.

# OTHER DYNABRADE RANDOM ORBITAL SANDERS

## PALM-STYLE MINI-DYNORBITAL®

### Air Powered Random Orbital Sander

- Confines sanding to smallest possible area – 3/4" (19 mm) or 1-1/4" (32 mm) dia. models.
- Combined orbital and random action provides ultra-smooth finishes on most woods. Sanding head provides the "Random Action."
- Excellent on metal and composites! Ideal for finesse sanding.



Model  
57500

## TWO-HAND DYNORBITAL® SUPREME

### Air Powered, Long Handle

- Long handle allows two-hand support of tool. Better reach and comfort, especially in vertical positions.
- Available in 5" (127 mm) and 6" (152 mm) dia. models.



Model  
57210

## 8" (203 MM) DYNORBITAL® SUPREME

### Air Powered, 10,000 RPM

- Work large areas on metal, fiberglass, solid surfaces and plastics.
- Provides excellent comfort and control, especially when working on vertical sides of workpiece.



Model  
57600

## DYNALOCKE® DUAL ACTION SANDER

### Combination Disc and Random Orbital Sander!

- Dial switch allows for easy change-over from disc to rotary action!
- Uses vinyl-face and hook-face sanding pads, available in 5" (127 mm) and 6" (152 mm) diameter models.



Model  
57220

For other Dynabrade tools and related accessories, visit [www.dynabrade.com](http://www.dynabrade.com).



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