



# SANDER SERIES



DYNORBITAL® SUPREME

NEW DYNORBITAL® SILVER SUPREME DYNORBITAL-SPIRIT®

THE FUTURE OF RANDOM ORBITAL SANDING IS NOW!









## RANDOM ORBITAL SANDER PROGRAM

Dynabrade soars into the future of Random Orbital Sanding technology with a visionary program of THREE top-quality tool designs! Encompassing the widest variety of palm-style Random Orbital Sanders in the world, Dynabrade's new "D3" Series offers unprecedented versatility to the workplace. Made with pride in the USA, each model addresses specific operator needs, allowing the perfect match for every application!

## The choice is yours:

- **► Dynorbital® Supreme**
- > **NEW** Dynorbital® Silver Supreme
- ➤ Dynorbital-Spirit®

## A UNIVERSE OF APPLICATIONS!

Furniture Fixtures and Moldings • Solid Surface Counter Tops • Custom Kitchen Cabinets • Custom Woodwork • Laminated Products • Metal Finishing Carbon Fiber • Fiberglass Mold Repair on Bath Tubs • Bronze Sculptures Unfinished Wood Products • P.O.P. Displays • Custom Guitars • Architectural Millwork • Finish Sand • Antique Restoration • Case Work • Finish Door and Window Frames • Auto Body Work • Sheet Metal Surface Prep Office Furniture • Hydraulic Tanks and Top Plates Aircraft Panels • Outdoor Signs • Upholstered Furniture White Sanding • Tables and Chairs • Utility Trucks

White Sanding • Tables and Chairs • Utility Truck
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 • Aluminum Furniture • Sand Primer
Decorative Accessories • Surface Prep
Fiberglass Boats • Home Appliances Satellite
Antennas • MDF Components • Finish
Custom Injection Moldings and Much More!









# Dynorbital<sup>®</sup> Supreme

Setting the Standard for Random Orbital Supremacy!

- The cornerstone of the "D3" Series, Dynorbital® Supreme now sports a distinctive NEW 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!







## Dynorbital<sup>®</sup> Silver Supreme

## Supreme Power Arrives in Lightweight Package!

- The NEW tool in our "D3" Series is the ultimate combination of Supreme power and lightweight comfort!
- "D3" innovations include all-steel components, ergonomic tool grip, outstanding vacuum capabilities and more.
- Steel cylinder and end plates stay perfectly aligned, to maximize motor performance!



## Dynorbital-Spirit<sup>®</sup>

## Light-to-Medium Duty Sander with Dynabrade Quality Built In!

- Dynabrade's lightest Random Orbital Sander is ideal for vertical and contoured applications, and for operators with smaller hands.
- "D3" improvements include distinctive NEW 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!



# **33** Dynorbital<sup>®</sup> Supreme



## For Aggressive Sanding



Look for **ORANGE** Throttle Lever



(5 mm) **Diameter Orbit** 

## For General Sanding



Look for SILVER Throttle Lever



(2 mm) **Diameter Orbit** 

## For Ultra-Fine Sanding



Look for **BLACK** Throttle Lever

#### Non-Vacuum

- · Includes low profile, premium urethane weight-mated sanding pad.
- · Optional vacuum conversion kits available, to easily convert non-vacuum tool to self-generated vacuum tool or central vacuum tool (see page 11).

#### NEW!

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

Tune-Up Kit: No. 96024



for **NEW ORANGE** 

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.

## NEW!

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

Tune-Up Kit: No. 96024



**Portable Dust Collection System** (Optional - See Page 16)

## **Central Vacuum**

- Includes low profile, premium urethane weight-mated
- Has 1" outside diameter vacuum port, for easy connection to central vacuum system.

#### NEW!

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

Tune-Up Kit: No. 96024



See page 10 for complete specifications of each Dynorbital® Supreme model.



## **Supreme Innovations!**

## The BEST Keeps Getting Better – Dynorbital® Supreme Now Offers "D3" Innovations!

## **NEW!** 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**

(Patent Pending)

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.

3-1/2" (89 mm) - 80 grams • 5" (127 mm) - 100 grams • 6" (152 mm) - 130 grams

## **NEW!** "Stays-Tight" Threaded Muffler

Muffler cap is now threaded, to remain firmly attached to tool during use.



## **NEW!** 3/8" (10 mm) Orbit

Expanded offering now includes 3/8" dia. orbit models, ideal for heavy stock removal.



## **NEW!** Enhanced Vacuum Capabilities

Vacuum port diameter is increased by 110%, allowing maximum capture of dust and debris!



## **Patented Bearing Protection**

"V-Seal" bearing seal protects balancer shaft bearing from sanding residue, resulting in longer tool life.



transfer to operator.

**Double-Row Angular Contact Bearing** 

"V-Seal" Bearing Seal



**Balancer** Shaft



## **B** Dynorbital<sup>®</sup> Silver Supreme



3/8" (10 mm) Diameter Orbit

## For Aggressive Sanding



Look for **ORANGE** Throttle Lever



3/16" (5 mm) Diameter Orbit

## For General Sanding



Look for GREY Throttle Lever



3/32" (2 mm) Diameter Orbit

## For Ultra-Fine Sanding



Look for **BLACK** Throttle Lever

## Non-Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Optional vacuum conversion kits available, to easily convert non-vacuum tool to self-generated or central vacuum tool (see page 11).

Pad Diameter Inch (mm)	3/8" Orbit Models	3/16" Orbit Models	3/32" Orbit Models
3 (76 mm)	69100	69105	69110
3-1/2 (89 mm)	69000	69015	69030
5 (127 mm)	69005	69020	69035
6 (152 mm)	69010	69025	69040

Tune-Up Kit: No. 96620



See page 12 / for **NEW ORANGE** 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.

Pad Diameter Inch (mm)	3/8" Orbit Models	3/16" Orbit Models	3/32" Orbit Models
3 (76 mm)	69103	69108	69113
3-1/2 (89 mm)	69003	69018	69033
5 (127 mm)	69008	69023	69038
6 (152 mm)	69013	69028	69043

Tune-Up Kit: No. 96620



Portable Dust Collection System (Optional - See Page 16)

## **Central Vacuum**

- Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" outside diameter vacuum port, for easy connection to central vacuum system.

Pad Diameter Inch (mm)	3/8" Orbit Models	3/16" Orbit Models	3/32" Orbit Models
3 (76 mm)	69104	69109	69114
3-1/2 (89 mm)	69004	69019	69034
5 (127 mm)	69009	69024	69039
6 (152 mm)	69014	69029	69044

Tune-Up Kit: No. 96620



See page 10 for complete specifications of each Dynorbital® Silver Supreme model.



# The Most DURABLE Random Orbital Sander Ever Built! Combines Supreme Power with Lightweight Comfort!

## Compact Grip Size

Compact, ergonomic design is ideal for operators with smaller hands.

## **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).

## **Comfort Platform**

(Patent Pending)

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

of tool speed. Also reduces accidental contact.

## Single-Piece Locking Ring

Allows easier assembly and provides tighter seal.



**Perfectly Balanced Sanding Pad** 

Ask for the ORANGE!

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

3" (76 mm) – 75 grams

3-1/2" (89 mm) - 80 grams

5" (127 mm) - 100 grams

6" (152 mm) - 130 grams

## **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!

## **NEW!** Enhanced Vacuum Capabilities

Vacuum port diameter is increased by 110%, allowing maximum capture of dust and debris!

3" (76 mm) Dia. Vacuum Shroud shown.



## "Stays-Tight" Threaded Muffler

Muffler cap is now threaded, to remain firmly attached to tool during use.



## LIGHTWEIGHT Design

Tool weighs only **1.8 lbs (.8 kg)!** Combines optimum comfort with heavyweight power!

## Patented Bearing Protection

"V-Seal" bearing seal protects balancer shaft bearing from sanding residue, resulting in longer tool life.



Double-Row Angular Contact Bearing





## "Top Hat" Seal

Protects front motor bearing from sanding residue, and holds in bearing lubrication while keeping out contaminants.



"Top Hat" Seal

# Dynorbital-Spirit<sup>®</sup>



(10 mm) **Diameter Orbit** 

## For Aggressive Sanding



Look for **ORANGE** Throttle Lever



(5 mm) **Diameter Orbit** 

## For General Sanding



Look for GREY Throttle Lever



(2 mm) **Diameter Orbit** 

## For Ultra-Fine Sanding



Look for **BLACK** Throttle Lever

## **Non-Vacuum**

- Includes low profile, premium urethane weight-mated sanding pad.
- · Optional vacuum conversion kits available, to easily convert non-vacuum tool to self-generated or central vacuum tool (see page 11).

Pad Diameter Inch (mm)	3/8" Orbit Models	3/16" Orbit Models	3/32" Orbit Models
3 (76 mm)	59100	59105	59110
3-1/2 (89 mm)	59000	59015	59030
5 (127 mm)	59005	59020	59035
6 (152 mm)	59010	59025	59040

Tune-Up Kit: No. 96510



Sanding Pads!

## **Self-Generated Vacuum**

- Includes low profile, premium urethane weight-mated sanding pad.
- Model 58054 includes 56320 Pad for Mesh Abrasives (see page 12, 15).
- Ready for connection to optional portable self-contained dust collection system.

Pad Diameter Inch (mm)	3/8" Orbit Models	3/16" Orbit Models	3/32" Orbit Models
3 (76 mm)	59103	59108	59113
3-1/2 (89 mm)	59003	59018	59033
5 (127 mm)	59008	59023/58054	59038
6 (152 mm)	59013	59028	59043

Tune-Up Kit: No. 96510



**Portable Dust Collection System** (Optional - See Page 16)

#### **Central Vacuum**

- · Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" outside diameter vacuum port, for easy connection to central vacuum system.

Pad Diameter Inch (mm)	3/8" Orbit Models	3/16" Orbit Models	3/32" Orbit Models
3 (76 mm)	59104	59109	59114
3-1/2 (89 mm)	59004	59019	59034
5 (127 mm)	59009	59024	59039
6 (152 mm)	59014	59029	59044

Tune-Up Kit: No. 96510



See page 11 for complete specifications of each Dynorbital-Spirit® model.

# **Dynorbital-Spirit®**

## Light-to-Medium Duty Sander Offers "D3" Advantages!

## **NEW!** Compact Grip Size

Compact, ergonomic design has been reduced in size by **5%.** Ideal for operators with smaller hands, and for use in vertical applications!

## **NEW!** Single-Piece Locking Ring

Allows easier assembly and provides tighter seal.

## Perfectly Balanced Sanding Pad

#### Ask for the ORANGE!

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

3" (76 mm) – 75 grams 3-1/2" (89 mm) – 80 grams 5" (127 mm) – 100 grams 6" (152 mm) – 130 grams

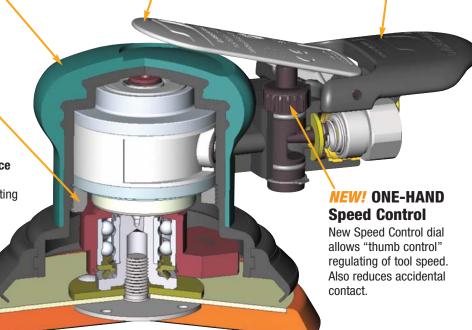
## **Auto-Recess Throttle Lever**

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**

#### (Patent Pending)

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



## **NEW!** Enhanced Vacuum Capabilities

Vacuum port diameter is increased by 110%, allowing maximum capture of dust and debris!

5" (127 mm) Dia. Vacuum Shroud shown.

# meter is %,

## **NEW!** "Stays-Tight" Threaded Muffler

Muffler cap is now threaded, to remain firmly attached to tool during use.



## Patented Bearing Protection

"V-Seal" bearing seal protects balancer shaft bearing from sanding residue, resulting in longer tool life.



## "Top Hat" Seal

Protects front motor bearing from sanding residue, and holds in bearing lubrication while keeping out contaminants.



## **Dynorbital® Supreme Models** (Pages 4-5)

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)	79 dB(A)	2.1 (1)	6-1/2 (165)
56826	Non-Vac	6 (152)	3/16 (5)	77 dB(A)	2.2 (1)	7 (178)
56840	Non-Vac	3-1/2 (89)	3/32 (2)	76 dB(A)	2.1 (1)	6 (152)
56850	Non-Vac	5 (127)	3/32 (2)	76 dB(A)	2.1 (1)	6-1/2 (165)
56859	Non-Vac	6 (152)	3/32 (2)	75 dB(A)	2.2 (1)	7 (178)
56870	Non-Vac	3-1/2 (89)	3/8 (10)	79 dB(A)	2.2 (1)	6 (152)
56880	Non-Vac	5 (127)	3/8 (10)	77 dB(A)	2.3 (1)	6-1/2 (165)
56890	Non-Vac	6 (152)	3/8 (10)	79 dB(A)	2.4 (1)	7 (178)
56803	Self-Gen	3-1/2 (89)	3/16 (5)	83 dB(A)	2.1 (1)	8-1/4 (210)
56818	Self-Gen	5 (127)	3/16 (5)	81 dB(A)	2.1 (1)	8-1/2 (216)
56829	Self-Gen	6 (152)	3/16 (5)	83 dB(A)	2.3 (1)	9 (229)
56843	Self-Gen	3-1/2 (89)	3/32 (2)	81 dB(A)	2.1 (1)	8-1/4 (210)
56853	Self-Gen	5 (127)	3/32 (2)	81 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)	83 dB(A)	2.3 (1)	9 (229)
56873	Self-Gen	3-1/2 (89)	3/8 (10)	83 dB(A)	2.3 (1)	8-1/4 (210)
56883	Self-Gen	5 (127)	3/8 (10)	83 dB(A)	2.3 (1)	8-1/2 (216)
56893	Self-Gen	6 (152)	3/8 (10)	84 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)	79 dB(A)	2.2 (1)	7-1/4 (184)
56830	Central	6 (152)	3/16 (5)	80 dB(A)	2.3 (1)	7-3/4 (197)
56844	Central	3-1/2 (89)	3/32 (2)	79 dB(A)	2.1 (1)	7 (178)
56854	Central	5 (127)	3/32 (2)	80 dB(A)	2.2 (1)	7-1/4 (184)
56863	Central	6 (152)	3/32 (2)	78 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)	80 dB(A)	2.3 (1)	7-1/4 (184)
56894	Central	6 (152)	3/8 (10)	83 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 LPM • 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

## NEW!

## **Dynorbital® Silver Supreme Models** (Pages 6-7)

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)	79 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)	75 dB(A)	1.7 (.8)	6 (152)
69035	Non-Vac	5 (127)	3/32 (2)	77 dB(A)	1.7 (.8)	6-1/2 (165)
69040	Non-Vac	6 (152)	3/32 (2)	77 dB(A)	1.8 (.8)	7 (178)
69100	Non-Vac	3 (76)	3/8 (10)	79 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)	80 dB(A)	1.7 (.8)	7 (178)
69003	Self-Gen	3-1/2 (89)	3/8 (10)	83 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)	83 dB(A)	2.1 (.9)	9 (229)
69018	Self-Gen	3-1/2 (89)	3/16 (5)	82 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)	83 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)	83 dB(A)	1.8 (.8)	8-1/2 (216)
69038	Self-Gen	5 (127)	3/32 (2)	84 dB(A)	1.9 (.9)	8-1/2 (216)
69043	Self-Gen	6 (152)	3/32 (2)	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)	82 dB(A)	1.8 (.8)	8-1/2 (216)
69113	Self-Gen	3 (76)	3/32 (2)	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)	83 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)	81 dB(A)	1.8 (.8)	7 (178)
69039	Central	5 (127)	3/32 (2)	81 dB(A)	1.8 (.8)	7-1/4 (184)
69044	Central	6 (152)	3/32 (2)	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)	82 dB(A)	1.8 (.8)	7-1/4 (184)
69114	Central	3 (76)	3/32 (2)	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 LPM • 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® Models** (Pages 8-9)

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)	78 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)	80 dB(A)	1.4 (.6)	6 (152)
59020	Non-Vac	5 (127)	3/16 (5)	80 dB(A)	1.4 (.6)	6-1/2 (165)
59025	Non-Vac	6 (152)	3/16 (5)	81 dB(A)	1.5 (.7)	7 (178)
59030	Non-Vac	3-1/2 (89)	3/32 (2)	80 dB(A)	1.4 (.6)	6 (152)
59035	Non-Vac	5 (127)	3/32 (2)	79 dB(A)	1.4 (.6)	6-1/2 (165)
59040	Non-Vac	6 (152)	3/32 (2)	80 dB(A)	1.5 (.6)	7 (178)
59100	Non-Vac	3 (76)	3/8 (10)	78 dB(A)	1.4 (.6)	6 (152)
59105	Non-Vac	3 (76)	3/16 (5)	80 dB(A)	1.4 (.6)	6-1/2 (165)
59110	Non-Vac	3 (76)	3/32 (2)	79 dB(A)	1.3 (.6)	7 (178)
59003	Self-Gen	3-1/2 (89)	3/8 (10)	87 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)	86 dB(A)	1.7 (.7)	9 (229)
59018	Self-Gen	3-1/2 (89)	3/16 (5)	87 dB(A)	1.4 (.6)	8-1/2 (216)
59023/58054	Self-Gen	5 (127)	3/16 (5)	85 dB(A)	1.5 (.7)	8-1/2 (216)
59028	Self-Gen	6 (152)	3/16 (5)	86 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)	87 dB(A)	1.4 (.6)	8-1/2 (216)
59038	Self-Gen	5 (127)	3/32 (2)	84 dB(A)	1.5 (.6)	8-1/2 (216)
59043	Self-Gen	6 (152)	3/32 (2)	86 dB(A)	1.5 (.7)	9 (229)
59103	Self-Gen	3 (76)	3/8 (10)	87 dB(A)	1.5 (.7)	8-1/2 (216)
59108	Self-Gen	3 (76)	3/16 (5)	87 dB(A)	1.4 (.6)	8-1/2 (216)
59113	Self-Gen	3 (76)	3/32 (2)	87 dB(A)	1.4 (.6)	9 (229)
59004	Central	3-1/2 (89)	3/8 (10)	78 dB(A)	1.5 (.7)	7 (178)
59009	Central	5 (127)	3/8 (10)	82 dB(A)	1.5 (.7)	7-1/4 (184)
59014	Central	6 (152)	3/8 (10)	83 dB(A)	1.6 (.7)	7-3/4 (197)
59019	Central	3-1/2 (89)	3/16 (5)	80 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)	82 dB(A)	1.6 (.7)	7-3/4 (197)
59034	Central	3-1/2 (89)	3/32 (2)	80 dB(A)	1.4 (.6)	7 (178)
59039	Central	5 (127)	3/32 (2)	81 dB(A)	1.4 (.6)	7-1/4 (184)
59044	Central	6 (152)	3/32 (2)	81 dB(A)	1.5 (.7)	7-3/4 (197)
59104	Central	3 (76)	3/8 (10)	78 dB(A)	1.5 (.6)	7 (178)
59109	Central	3 (76)	3/16 (5)	80 dB(A)	1.4 (.6)	7-1/4 (184)
59114	Central	3 (76)	3/32 (2)	80 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 LPM • 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

## **Drop-In Motors**

- · Allows quick and easy replacement.
- No motor adjustments needed.
- · Repair time reduced by 90%!
- Follow maintenance procedures as described in tool's parts page.



Drop-In Motor for Dynorbital® Silver Supreme Sanders



Drop-In Motor for Dynorbital-Spirit® Sanders

## **Dynorbital® Silver Supreme**

3" (76 mm) Dia. Models	Part No.	Part No.	3/32" Orbit Part No.	
Single Motor	69450	69451	69452	
Ten Pack	69467	69468	69469	
3-1/2" (89 mm) Dia. Models	3/8" Orbit Part No.	3/16" Orbit Part No.	3/32" Orbit Part No.	
Single Motor	69453	69454	69455	
Ten Pack	69470	69471	69472	
5" (127 mm) Dia. Models	3/8" Orbit Part No.	3/16" Orbit Part No.	3/32" Orbit Part No.	
Single Motor	69456	69457	69458	
Ten Pack	69473	69474	69475	
6" (152 mm) Dia. Models	3/8" Orbit Part No.	3/16" Orbit Part No.	3/32" Orbit Part No.	
Single Motor	69459	69460	69461	
Ten Pack	69476	69477	69478	

## **Dynorbital-Spirit®**

3" (76 mm) & 3-1/2" (89 mm)	3/8" Orbit Part No.	3/16" Orbit Part No.	3/32" Orbit Part No.	
Single Motor	59450	59451	59452	
Ten Pack	59470	59471	59472	
Ten Pack w/Repair Tools	59460	59461	59462	
5" (127 mm) Dia. Models	3/8" Orbit Part No.	3/16" Orbit Part No.	3/32" Orbit Part No.	
Single Motor	59453	59454	59455	
Ten Pack	59473	59474	59475	
Ten Pack w/Repair Tools	59463	59464	59465	
6" (152 mm) Dia. Models	3/8" Orbit Part No.	3/16" Orbit Part No.	3/32" Orbit Part No.	
Single Motor	59456	59457	59458	
Ten Pack	59476	59477	59478	
Ten Pack w/Repair Tools	59466	59467	59468	

## **Vacuum Conversion Kits**

- For use with Dynabrade "D3" Series 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 Inch (mm)	Converts Tool To	Kit Part Number
3-1/2 (89 mm)	Self-Generated Vac	57118
3-1/2 (89 mm)	Central Vacuum	57119
5 (127 mm)	Self-Generated Vac	57120
5 (127 mm)	Central Vacuum	57121
6 (152 mm)	Self-Generated Vac	57122
6 (152 mm)	Central Vacuum	57123

## Vinyl-Face Random Orbital Sanding P

## 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.







#### 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
211 /7C mm\*	56084	5/8" (16 mm)	Medium
3" (76 mm)*	56086	5/8" (16 mm)	Soft
0.4/011/00)	56097	5/8" (16 mm)	Soft
3-1/2" (89 mm)*	56098	5/8" (16 mm)	Medium
	56102	3/8" (10 mm)	Soft
FII (107)	56106	3/8" (10 mm)	Medium
5" (127 mm)	56175	5/8" (16 mm)	Medium
	56185	5/8" (16 mm)	Soft
	56103	3/8" (10 mm)	Soft
011 (450)	56107	3/8" (10 mm)	Medium
6" (152 mm)	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.

## **Vacuum Pads**

\ - /								
Pad Diameter	Part Number	Holes	Thickness	Density				
2   /7C mm)*	56084	0	5/8" (16 mm)	Medium				
3" (76 mm)*	56086	0	5/8" (16 mm)	Soft				
3-1/2" (89 mm)*	56097	0	5/8" (16 mm)	Soft				
3-1/2 (09 mm)	56098	0	5/8" (16 mm)	Medium				
	56100	5	3/8" (10 mm)	Soft				
	56104	5	3/8" (10 mm)	Medium				
5" (127 mm)	56176	5	5/8" (16 mm)	Medium				
	56186	5	5/8" (16 mm)	Soft				
	56241	6	3/8" (10 mm)	Medium				
	=0.10.1		0 (0 !! ( / 0 )	0.0				
	56101	6	3/8" (10 mm)	Soft				
CII (1E0 mm)	56105	6	3/8" (10 mm)	Medium				
6" (152 mm)	56178	6	5/8" (16 mm)	Medium				
	56188	6	5/8" (16 mm)	Soft				
AU D   40 000 DD			1 5/4011 04					

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.

## **Mesh Abrasive Pa**

## Compatible with Mesh Abrasive Material

13,000 max. operating speed • Medium density

- · Dust-free sanding and elimination of pilling problems provide longer abrasive life and improved finish.
- · Helps eliminate "pilling" issues.
- Medium density, 5/16"-24 male thread, 13,000 RPM maximum.



## **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)

Ask About Our Mesh Abrasive System!

#### **Channel Vacuum Pads Pad Diameter** Part Number Thickness Density 3/8" (10 mm) 56251 5 Soft 5 56252 3/8" (10 mm) Medium 5" (127 mm) 56254 5 5/8" (16 mm) Medium 56256 5 5/8" (16 mm) Soft 6 Soft 56261 3/8" (10 mm) 56262 6 Medium 3/8" (10 mm) 6" (152 mm) 5/8" (16 mm) 56264 6 Medium 56266 5/8" (16 mm) Soft

## Hook-Face Random Orbital Sanding Pa

## 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.





#### **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!

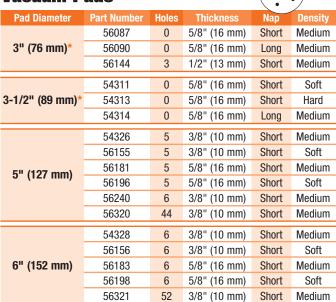


## **Non-Vacuum Pads**

Pad Diameter	Part Number	Thickness	Nap	Density		
	56087	5/8" (16 mm)	Short	Medium		
3" (76 mm)*	56090	5/8" (16 mm)	Long	Medium		
	56145	1/2" (13 mm)	Short	Medium		
	54311	5/0" (16 mm)	Short	Soft		
	34311	5/8" (16 mm)	311011	3011		
3-1/2" (89 mm)*	54313	5/8" (16 mm)	Short	Hard		
	54314	5/8" (16 mm)	Long	Medium		
		0 (011 (4.0				
	54325	3/8" (10 mm)	Short	Medium		
5" (127 mm)	56157	3/8" (10 mm)	Short	Soft		
5" (12 <i>1</i> IIIII)	56180	5/8" (16 mm)	Short	Medium		
	56195	5/8" (16 mm)	Short	Soft		
	54327	3/8" (10 mm)	Short	Medium		
CII (4F0)	56158	3/8" (10 mm)	Short	Soft		
6" (152 mm)	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.

## **Vacuum Pads**



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.

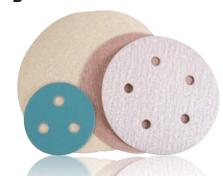
## **Channel Vacuum Pads**

Pad Diameter	Part Number	Holes	Thickness	Nap	Density
	56250	5	3/8" (10 mm)	Short	Medium
Ell /107 mm)	56253	5	3/8" (10 mm)	Short	Soft
5" (127 mm)	56255	5	5/8" (16 mm)	Short	Medium
	56257	5	5/8" (16 mm)	Short	Soft
	56260	6	3/8" (10 mm)	Short	Medium
6" (152 mm)	56263	6	3/8" (10 mm)	Short	Soft
0 (132 11111)	56265	6	5/8" (16 mm)	Short	Medium
	56267	6	5/8" (16 mm)	Short	Soft



## **Abrasives for Random Orbital Sanders**

## **DynaCut Random Orbital Sander Discs**



## **Common Applications**

- · Prepare primed and painted surfaces for finishing
- Strip primer and paint
- Sand off plastic and fiberglass
- · Light weld blending and deburring
- · Bare wood sanding
- · Finish metal of all types

Aluminum Oxide Coated Abrasive

✓ Please call for availability and pricing

Diameter		Backing Type	Vacuum Type	Brand	No. o Holes			12 Gr	20 rit	150 Grit	180 Grit	220 Grit	320 Grit							
<b>3"</b> (76 mm)	A/0	Hook- Face	Vacuum	DYNABRADE	3	920	)56	920	157	<b>V</b>	92058	92059	92060							
	0	PSA	Nea Vee	DYNABRADE	0	799	900	799	01	<b>V</b>	79902	79903	79904							
3-1/2"	A/0	(Adhesive- Backed)	Non-Vac	NORTON	0	792	230	792	31	<b>V</b>	79232	79233	79234							
(89 mm)	A/0	Hook-	No. Wee	DYNABRADE	0	799	935	799	36	V	79937	79938	79939							
	¥	Face	Non-Vac	NORTON	0	792	270	792	271	<b>V</b>	79272	79273	79274							
			Non-Vac	DYNABRADE	0	799	910	799	111	V	79912	79913	V							
	A/0	PSA (Adhesive-	Non vao	NORTON	0	792	240	792	41	<b>V</b>	79242	79243	<b>V</b>							
	<	Backed)	Vacuum	DYNABRADE	5	799	915	799	116	☑	79917	79918	<b>V</b>							
5"			raodam	NORTON	5	792	245	792	.47	Ø	79249	79250	<b>V</b>							
(127 mm)			Non-Vac	DYNABRADE	0	799	941	799	142	<b>7</b>	79943	79944	V							
	A/0	Hook-		NORTON	0	792	276	792	277	<b></b>	79278	79279	<b>V</b>							
	⋖	Face	Vacuum	DYNABRADE	5	799	946	799	)47	<b></b>	79948	79949	V							
				NORTON	5	792	281	792	182	<b>V</b>	79283	79284	Ø							
Diameter	В	acking Type	Vacuum Type	Brand	No. of Holes	36 Grit	40 Gri	it	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit							
			Non Voo	DYNABRADE	0	<b>V</b>	<b>V</b>		<b>V</b>	79920	79921	79922	79923							
	A/0	PSA (Adhesive-	Non-Vac	NORTON	0	<b>V</b>	V		V	79252	79254	79256	79257							
	Ā	Backed)				Backed)	Backed)	Backed)	Backed)	Vacuum	DYNABRADE	6	<b>V</b>	<b>V</b>		$\checkmark$	79925	79926	79927	79928
6"				Vacuum -	NORTON	6	<b>V</b>	✓		V	79259	79261	79263	79264						
(152 mm)			Non Vac	DYNABRADE	0	<b>V</b>	<b>V</b>		<b>V</b>	79951	79952	79953	79954							
	A/0	Hook-	Non-Vac	NORTON	0	<b></b>	V		<b>V</b>	79286	79287	79288	79289							
	¥	Face	)	DYNABRADE	6	V	V		<b>V</b>	79956	79957	79958	79959							
			Vacuum -	NORTON	6	<b>V</b>	<b>V</b>		<b>V</b>	79291	79292	79293	79294							

## **Abrasives for Random Orbital Sanders**

## **NewEdge Scalloped-Edge Abrasive Discs**



## **Common Applications**

- Backsplash corners
- Coves on solid surface countertops
- Kitchen & Bath industry: bowl and sink finishing
- · Marine industry: rounded fiberglass corners

Aluminum Oxide
Coated Abrasive
DB DynaBrite
Non-Woven Nylon

Aluminum Oxide Coated Abrasive

**Silicon Carbide** 

**Coated Abrasive** 

## **DynaCut Coated Abrasive Discs**

✓ Please call for availability and pricing

Diameter	Backing Type	Vacuum Type	80 Grit	100 Grit	120 Grit	100 Micron	80 Micron	60 Micron	30 Micron	15 Micron	9 Micron
0 ./ =	Hook- Face	Non-Vac	92580	V	92581	92582	Ø	92583	92584	<b>V</b>	✓
<b>5"</b> (127 mm)	e Hook-	Non-Vac	92590	92597	92591	92592	92587	92593	92594	92588	92589
	₹ Face	Vacuum	92600	<b>V</b>	92601	92602	<b>V</b>	92603	92604	$\square$	V

## **DynaBrite Non-Woven Nylon Discs**

Diameter	Backing Type				Fine Gray	
<b>3-1/2"</b> (89 mm)	DB	Hook-Face	Non-Vac	92585	92586	
5"	DB	Hook Food	Non-Vac	92595	92596	
(127 mm)	Hook-Face	Vacuum	92605	92606		

## Dyna Micro-Mesh™ Discs



## **Common Applications**

- All Dyna Micro-Mesh<sup>TM</sup> Discs can be used either wet or dry for micro-finishing (Not intended for heavy stock removal)
- For Most Applications Finishing plastics, acrylics, polycarbonates, bakelite, fiberglass, gelcoat, soft woods and composites
- For Metalworking Applications Finishing many types of metals
- For Solid Surface Applications Finishing countertops and composites

## For Most Applications

Diameter	Backing		1,500	2,400	3,600	6,000	12,000	
	Type		Grit	Grit	Grit	Grit	Grit	
<b>5"</b> (127 mm)	SC	Hook-Face	78201	78202	78203	78204	78205	

## **For Metalworking Applications**

Diameter	Backing		180	240	400	600	800	
	Type		Grit	Grit	Grit	Grit	Grit	
<b>5"</b> (127 mm)	SC	Hook-Face	78210	78211	78212	78213	78214	

## **For Solid Surface Applications**

Diameter	Backing	300	600	800	1,500	2,400	4,000
	Type	Grit	Grit	Grit	Grit	Grit	Grit
<b>5"</b> (127 mm)	Hook-Face	78220	78221	78222	78223	78224	78225

## Random Orbital Sander Accessories

## **"S**tays-Tight" Muffler Parts

- Replaceable parts that make up new "Stays-Tight" muffler system.
- Threaded cap keeps muffler firmly attached during use.







56027 **Muffler Insert** 

69359 **Threaded Cap** 

## Portable Self-Contained **Dust Collection Systems**

- For use with Dynabrade Self-Generated Vacuum tools.
- Systems include 1" (25 mm) dia. x 6' (1.8 m) long 50682 Flex-Hose.

#### Part No. 50617

 Includes 50683 Bag with hook-face closure.

#### Part No. 56303

 Includes 56304 Bag with zipper-lock closure.



## **Ball-Swivel Plug**

(Dynorbital® Supreme Only)

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



## **Electric Portable Vacuum System**

· Heavy duty stainless steel drum; variable vacuum control.

 HEPA filtration (0.3 micron) with felt insert and paper bag.

 Electronic thermal protection device prevents heat overload of motor.

· Heavy duty four-wheel trolley with easy "tilt 'n clean" drum.

#### Model 61300

9.9 Gallon Capacity

• 120V (AC)

#### Model 61301

17 Gallon Capacity

• 120V (AC)

Portable Vacuums available in many other voltage formats.





## Visit our Website for more Tools and Related Accessories www.dynabrade.com

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