

The Next Generation of Palm Sanders Has Arrived...

AUTOMOTIVE AFTERMARKET

Dynorbital-Spirit™

RANDOM ORBITAL SANDER SERIES

Patent Pending



***Lighter!
Faster!
Stronger!***



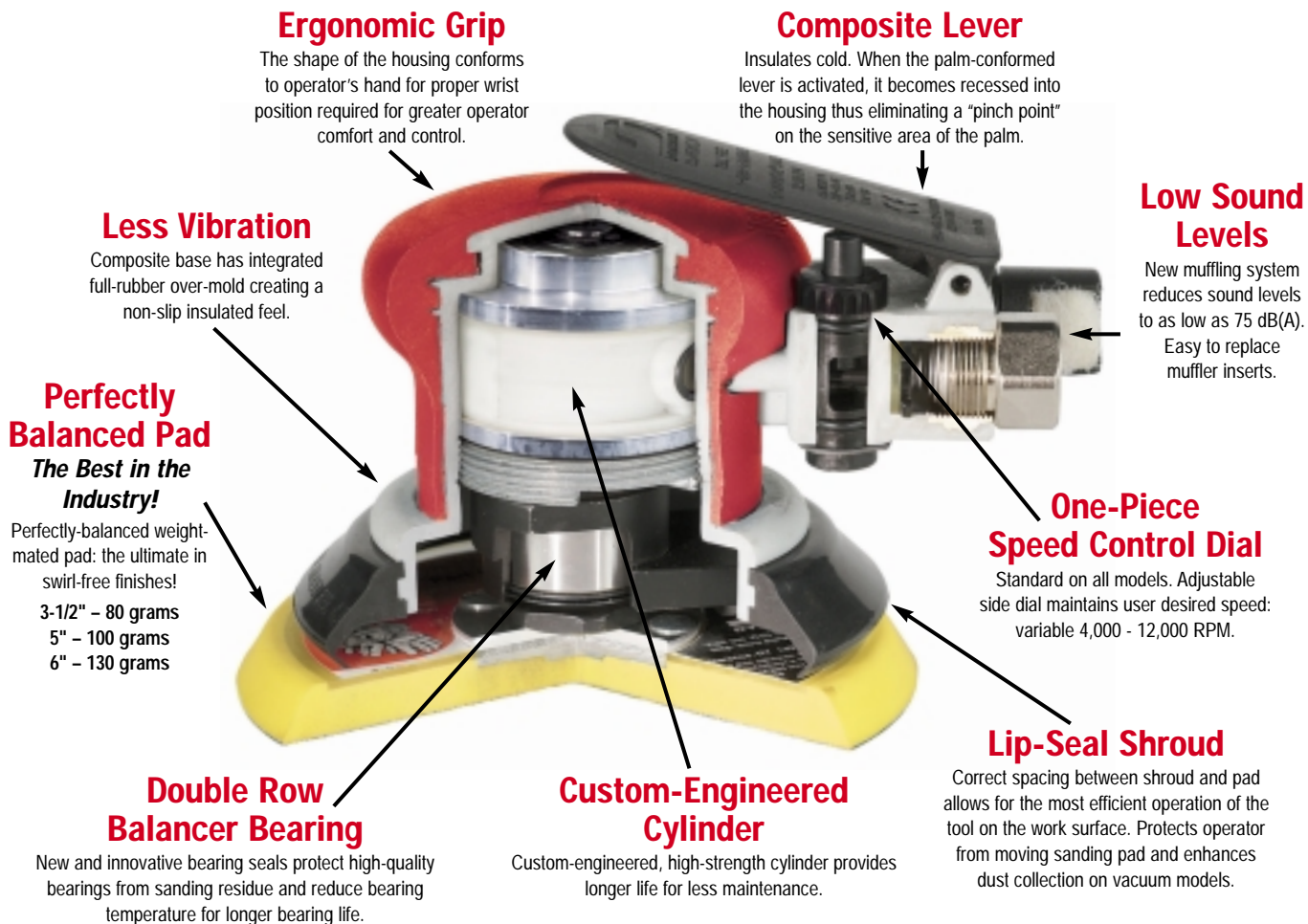
Dynabrade incorporates the latest manufacturing technology to create the next generation of lightweight, industrial-quality, air-powered random orbital sanders.



**Made with pride in
Clarence, New York!**



Dynorbital-Spirit™ Features And Details Explained...

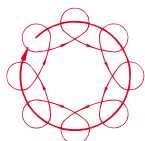


Patented with patents pending.

THREE ORBITS TO CHOOSE FROM



3/32" Diameter Orbit
for ultra-fine sanding.



3/16" Diameter Orbit
for general sanding.



NEW!
3/8" Diameter Orbit
for aggressive sanding.

EASILY REPLACEABLE DROP-IN MOTOR

- Less repair tools needed to repair and maintain the tool.
- Quick in-house repair lessens downtime.
- Average repair time now less than five minutes.



COLOR-CODED LEVERS IDENTIFY ORBIT SIZE



Black Lever
3/32" dia. orbit models.



Grey Lever
3/16" dia. orbit models.

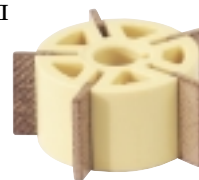


Blue Lever
3/8" dia. orbit models.

Easy to Identify!

MORE POWER

- True 12,000 RPM air motor has more power. Merlite™ III floating rotor utilizes five blades producing more usable power (.25 Hp). High-strength, composite rotor is stronger and has better lubricating qualities allowing the blades to wear longer. As a result, less air (16 SCFM) is used more efficiently to maintain maximum power.



LESS WEIGHT

- Non-vacuum model weighs just 22 ounces (1.4 lbs.), lighter than any other comparable sander.

LOW PROFILE DESIGN

- Only 3-1/2" high. Improves control, provides greater operator visibility and allows pad to be used flat on the work surface for better finishes.



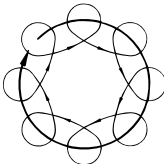

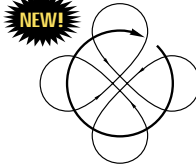

IDENTIFICATION MARKING

- Easy to read model number and serial number markings located on the side of the tool.



Dynorbital-Spirit™ Models

3 Orbits to
Choose From!

3/32" Diameter Orbit	3/16" Diameter Orbit	3/8" Diameter Orbit
FOR ULTRA-FINE SANDING	FOR GENERAL SANDING	FOR AGGRESSIVE SANDING
 Black Lever 	 Grey Lever 	 Blue Lever 
PAINTER'S TOOL	BODYMAN'S TOOLS	

All models include our low-profile, premium urethane, weight-mated sanding pad with 5/16"-24 male thread.

NON-VACUUM



	3/32" DIA. ORBIT BLACK LEVER	3/16" DIA. ORBIT GREY LEVER	3/8" DIA. ORBIT BLUE LEVER
3"	21040	21020	21000
3-1/2"	21045	21025	21005
5"	21050	21030	21010
6"	21055	21035	21015
6" w/Hook-Face Pad	21062	21061	21060

➤ May be converted to a vacuum tool with kit – see back of this flyer for part number.

CENTRAL VAC READY



	3/32" DIA. ORBIT BLACK LEVER	3/16" DIA. ORBIT GREY LEVER	3/8" DIA. ORBIT BLUE LEVER
3"	21044	21024	21004
3-1/2"	21049	21029	21009
5"	21054	21034	21014
6"	21059	21039	21019
6" w/Hook-Face Pad	21065	21064	21063

➤ Ready for hook-up to portable or central vac system. See our full-line catalog for portable vacuum systems.

➤ Tool has 1" vacuum port.

➤ Vacuum hose and cuffs available. See our catalog.

BASIC VACUUM



	3/32" DIA. ORBIT BLACK LEVER	3/16" DIA. ORBIT GREY LEVER	3/8" DIA. ORBIT BLUE LEVER
3"	21041	21021	21001
3-1/2"	21046	21026	21006
5"	21051	21031	21011
6"	21056	21036	21016

➤ Tool creates its own vacuum.

➤ Not for central vac or portable vac systems.

➤ Includes 6' long vac hose and 5-micron reusable filter bag.

Accessories

NON-VACUUM TO VACUUM CONVERSION 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

- All kits include vacuum PSA sanding pad, shroud, vac adapter and necessary hardware for quick and easy conversion!
- Hook-face pads may be substituted upon request.



- Optional vacuum overskirts available.
57084 – 3" & 3-1/2" Models
57086 – 5" Models
57087 – 6" Models



**Overskirt
Enhances
Vacuum
Pick Up!**

MOTOR TUNE-UP KIT

Model 96510

- Includes assorted parts to maintain and repair motor.



**KEEP YOUR
MOTOR IN
TIP-TOP SHAPE!**



Need your sander repaired?

Let our factory professionals do the work!

- Carefully package your tool(s) and mail to:
- You will be notified with a repair estimate. Be sure to include return address, phone number, fax number and contact name.

Dynabrade, Inc.
c/o Repair Department
8989 Sheridan Drive
Clarence, NY 14031

REPLACEMENT DROP-IN MOTORS



- Allows quick and easy replacement.
- No motor adjustments needed.
- Follow maintenance procedures described in parts page.
- 3/8" motors include new lock ring.

	3" Dia. Models	3-1/2" Dia. Models	5" Dia. Models	6" Dia. Models
3/8" Diameter Orbit	59450	59450	59453	59456
3/16" Diameter Orbit	59451	59451	59454	59457
3/32" Diameter Orbit	59452	59452	59455	59458

DYNAFOAM INTERFACE PADS

- For hook 'n loop abrasives. 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.
- Attaches between sanding pad and hook 'n loop abrasive.

Non-Vacuum and Vacuum	
Part No.	Diameter
53976	3-1/2" (89 mm) ○
53978	5" (127 mm) ⊙
53980	6" (152 mm) ⊙

- Hook-face pad
- Hook-face interface pad attaches between sanding pad and hook-face abrasive
- Hook-face abrasive



MACHINE SPECIFICATIONS (ALL MODELS)

Motor HP (W)	Motor RPM	Sound Level	Air Flow Rate CFM/SCFM (LPM)	Air Pressure PSIG (Bars)	Spindle Thread	Weight (Non-Vac/Vac) Pound (kg)	Length (Non-Vac/Vac) Inch (mm)	Height Inch (mm)
.25 (186)	12,000	75 dB(A)	2/16 (453)	90 (6.2)	5/16"-24 female	1.4 (0.6) to 1.6 (6.7)	6 (152) to 9 (229)	3.5 (89)

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



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