

Dynorbital-Spirit®

Air-Powered Random Orbital Sander

The Finest in Random Orbital Sanding Innovation

NEW! Comfort Platform



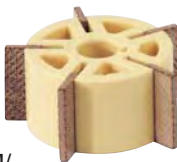
Now included on all palm-style Dynorbital-Spirit® and Dynorbital® Supreme Random Orbital Sanders!

- New Comfort Platform provides additional hand and wrist support, further enhancing operator comfort. Also offers increased protection against cold air exhaust. (NOTE: Comfort Platform is removable.)
- Comfort Platform also included on Dynabug® II! (See page 70.)

Order 59330 Comfort Platform separately, to install on existing tools!

More Power

- True 12,000 RPM air motor. Floating rotor utilizes five blades, producing more usable power (.25 hp/186 W). High-strength, composite rotor has better lubricating qualities, allowing blades to last longer. Less air (14 SCFM/396 LPM) is used more efficiently to maintain maximum power.



ABRASIVE CAPACITY

ABRASIVE DISCS

3" (76 mm), 3-1/2" (89 mm), 5" (127 mm) and 6" (152 mm) diameter

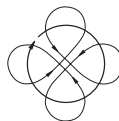
Color-Coded Levers Quickly Identify your Choice of Three Different Orbits



- Black lever identifies 3/32" (2.5 mm) dia. orbit, used for ultra-fine sanding.



- Grey lever identifies 3/16" (5 mm) dia. orbit, used for general sanding.



- Blue lever identifies 3/8" (10 mm) dia. orbit, used for aggressive sanding.



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.
- See page 190.

EASY TO INSTALL!



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 (0.6)	6 (152)
59005	Non-Vac	5 (127)	3/8 (10)	82 dB(A)	1.5 (0.7)	6-1/2 (165)
59010	Non-Vac	6 (152)	3/8 (10)	82 dB(A)	1.6 (0.7)	7 (178)
59015	Non-Vac	3-1/2 (89)	3/16 (5)	80 dB(A)	1.4 (0.6)	6 (152)
59020	Non-Vac	5 (127)	3/16 (5)	80 dB(A)	1.4 (0.6)	6-1/2 (165)
59025	Non-Vac	6 (152)	3/16 (5)	81 dB(A)	1.5 (0.7)	7 (178)
59030	Non-Vac	3-1/2 (89)	3/32 (2)	80 dB(A)	1.4 (0.6)	6 (152)
59035	Non-Vac	5 (127)	3/32 (2)	79 dB(A)	1.4 (0.6)	6-1/2 (165)
59040	Non-Vac	6 (152)	3/32 (2)	80 dB(A)	1.5 (0.6)	7 (178)
59100	Non-Vac	3 (76)	3/8 (10)	78 dB(A)	1.4 (0.6)	6 (152)
59105	Non-Vac	3 (76)	3/16 (5)	80 dB(A)	1.4 (0.6)	6-1/2 (165)
59110	Non-Vac	3 (76)	3/32 (2)	79 dB(A)	1.3 (0.6)	7 (178)
59003	Self-Gen	3-1/2 (89)	3/8 (10)	87 dB(A)	1.5 (0.7)	8-1/2 (216)
59008	Self-Gen	5 (127)	3/8 (10)	87 dB(A)	1.6 (0.7)	8-1/2 (216)
59013	Self-Gen	6 (152)	3/8 (10)	86 dB(A)	1.7 (0.7)	9 (229)
59018	Self-Gen	3-1/2 (89)	3/16 (5)	87 dB(A)	1.4 (0.6)	8-1/2 (216)
59023	Self-Gen	5 (127)	3/16 (5)	85 dB(A)	1.5 (0.7)	8-1/2 (216)
59028	Self-Gen	6 (152)	3/16 (5)	86 dB(A)	1.6 (0.7)	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 (0.6)	8-1/2 (216)
59038	Self-Gen	5 (127)	3/32 (2)	84 dB(A)	1.5 (0.6)	8-1/2 (216)
59043	Self-Gen	6 (152)	3/32 (2)	86 dB(A)	1.5 (0.7)	9 (229)
59103	Self-Gen	3 (76)	3/8 (10)	87 dB(A)	1.5 (0.6)	8-1/2 (216)
59108	Self-Gen	3 (76)	3/16 (5)	87 dB(A)	1.4 (0.6)	8-1/2 (216)
59113	Self-Gen	3 (76)	3/32 (2)	87 dB(A)	1.4 (0.6)	9 (229)
59004	Central	3-1/2 (89)	3/8 (10)	78 dB(A)	1.5 (0.7)	7 (178)
59009	Central	5 (127)	3/8 (10)	82 dB(A)	1.5 (0.7)	7-1/4 (184)
59014	Central	6 (152)	3/8 (10)	83 dB(A)	1.6 (0.7)	7-3/4 (197)
59019	Central	3-1/2 (89)	3/16 (5)	80 dB(A)	1.4 (0.6)	7 (178)
59024	Central	5 (127)	3/16 (5)	81 dB(A)	1.5 (0.6)	7-1/4 (184)
59029	Central	6 (152)	3/16 (5)	82 dB(A)	1.6 (0.7)	7-3/4 (197)
59034	Central	3-1/2 (89)	3/32 (2)	80 dB(A)	1.4 (0.6)	7 (178)
59039	Central	5 (127)	3/32 (2)	81 dB(A)	1.4 (0.6)	7-1/4 (184)
59044	Central	6 (152)	3/32 (2)	81 dB(A)	1.5 (0.7)	7-3/4 (197)
59104	Central	3 (76)	3/8 (10)	78 dB(A)	1.5 (0.6)	7 (178)
59109	Central	3 (76)	3/16 (5)	80 dB(A)	1.4 (0.6)	7-1/4 (184)
59114	Central	3 (76)	3/32 (2)	80 dB(A)	1.4 (0.6)	7-3/4 (197)

Additional Specifications: Motor .25 hp (186 W) • Motor 12,000 RPM • Thread 5/16"-24 Female • 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)

Tune-Up Kit: No. 96510 (page 192)



FASTTRACK

Sanding Pads: Page 164 • Drop-In Motors: Page 190 • Abrasive Discs: Page 215

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Air-Powered Random Orbital Sander

ABRASIVE CAPACITY

ABRASIVE DISCS
3" (76 mm), 3-1/2" (89 mm),
5" (127 mm) and 6" (152 mm)
diameter

Hundreds of Industrial Applications

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 155).

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



Self-Generated Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Ready for connection to optional portable self-contained dust collection system (50617 shown; see page 156).

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	59038
6 (152 mm)	59013	59028	59043



Central Vacuum

- Includes low profile, premium urethane weight-mated sanding pad.
- Has 1" (25 mm) 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



3/8" (10 mm) Dia. Orbit
For Aggressive Sanding



3/16" (5 mm) Dia. Orbit
For General Sanding

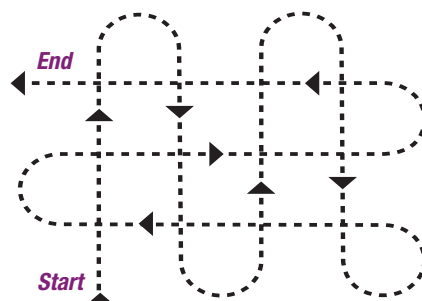


3/32" (2.5 mm) Dia. Orbit
For Ultra-Fine Sanding



For efficient random orbital sanding and uniform finish, move the tool in "north-to-south" pattern, then change to "east-to-west" pattern. Be sure to sand complete surface in each pattern.

Remember the rule of "start ON, stop OFF." Place the tool ON the work surface before starting it, and move running tool OFF the surface before stopping it. This will help to prevent unwanted swirl marks.



FASTTRACK