

11" (279 mm) Diameter Sanders from Dynabrade

Random Orbital and Gear-Driven; Air and Electric Powered



- For Fast, Controlled Sanding and Finishing
- Ideal for Use on Solid Surface, Fiberglass, Wood, etc.
- Ergonomic Design for Low Vibration



11" Dia. Random Orbital Sanders



Air Powered, Non-Vacuum

Dynabrade's 11" (279 mm) diameter Random Orbital Sanders cover MORE area in LESS time, achieving our famous "swirl-free finish" on a variety of surfaces. Ergonomically designed for power and comfort, these tools offer fast, controlled sanding and finishing on solid surface, wood, fiberglass, metal, plastic and more.

Our 11" Random Orbital Sanders are the perfect fit for countless industries dealing with large work surfaces. This includes manufacturers of large transportation/emergency vehicles, solid surface fabricators, swimming pool manufacturers, marine original equipment manufacturers, marine repair facilities, furniture manufacturers, kitchen & bath shops and many others!

Features & Benefits:

- **Extra-Large 11" (279 mm) Coverage** – These tools cover the largest work area of any Dynabrade tool!
- **3/4" (19 mm) Dia. Random Orbital Action** – Proportionate orbit in relation to pad size assures swirl-free finish on a variety of surfaces.
- **Low Vibration Levels** – Dynabrade's unique Balancer Assembly (patent pending) allows the tool to run virtually vibration-free, minimizing chance of work-related injuries.
- **Weight-Mated Sanding Pad** – All models include 56231 Hook-Face sanding pad, for abrasive discs 11-1/4" (286 mm) in diameter. Pad is weight-mated to tool, further reducing tool vibration levels.
- **Easy Two-Handed Control** – Lightweight tools feature long handle design for additional comfort. Excellent for vertical positions!
- **Standard Side Handle** – Tools include reversible "Bicycle Grip" Side Handle (18553), which further adds to operator comfort.

Air Powered Tool Advantages

- **Powerful .7 hp (522 W) Air Motor** – High-quality 2,500 RPM air motor offers power and efficiency.
- **Low Profile Design** – Compact tool height puts operator closer to the work piece for greater control.
- **Insulated Tool Housing** – Insulated housing reduces cold air transmission to the hand for greater operator comfort.
- **Safety-Lock Throttle Lever** – Lever prevents accidental start-up of tool and has no sharp edges or "pinch points."

Electric Powered Tool Advantages

- **Variable Speed Dialing** – For quick and easy RPM adjustments.
- **Variable Speed Trigger** – Feather-touch adjustment to your speed.
- **Lock Set Button** – "Lock in" desired speed for a consistent RPM.
- **Easy Brush Replacement** – Reduces downtime by allowing quick and easy on-site maintenance.
- **Double-Insulated Housing** – For protection against electric shock.



Air Powered, Vacuum-Ready



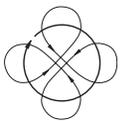
Electric Powered, Non-Vacuum



Electric Powered, Vacuum-Ready

Random Orbital Sanders

3/4" (19 mm) Diameter
Random Orbital Motion



Air Powered Models

Model 58480 Non-Vacuum

- For use with non-vacuum abrasive discs.



Model 58480

Model 58485 Vacuum-Ready

- For use with "O" style abrasive discs, which allow dust to be drawn up through pad holes.
- Vacuum shroud has 1-1/4" (32 mm) diameter port, for connection to external vacuum system.



Model 58485

Electric Powered Models

Model 51612 Non-Vacuum

- For use with non-vacuum abrasive discs.



Model 51612

Model 51613 Vacuum-Ready

- For use with "O" style abrasive discs, which allow dust to be drawn up through pad holes.
- Vacuum shroud has 1-1/4" (32 mm) diameter port, for connection to external vacuum system.



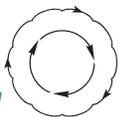
Model 51613

Model Number	Motor hp (W)	Motor RPM	Pad Dia. Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	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	11 (279)	3/27 (765)	3/8 (10)	1/4" NPT	90 (6.2)	8.3 (3.7)	17 (432)	6 (152)
58485	.7 (522)	2,500	11 (279)	3/27 (765)	3/8 (10)	1/4" NPT	90 (6.2)	9.1 (4.1)	17 (432)	6 (152)

Model Number	Motor RPM	Pad Dia. Inch (mm)	Voltage	Current	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51612	0 - 3,000	11 (279)	120 V (AC)	9 Amp.	1	60 Hz	11.3 (50)	21 (531)	7-5/16 (186)
51613	0 - 3,000	11 (279)	120 V (AC)	9 Amp.	1	60 Hz	12.5 (56)	21-1/2 (547)	7-5/16 (186)

Gear-Driven Sanders

Epicycloidal Motion



Model 58040 Non-Vacuum • Air Powered

- For use with non-vacuum abrasive discs.



Model 58040

Model 58041 Vacuum-Ready • Air Powered

- For use with "O" style abrasive discs, which allow dust to be drawn up through pad holes.
- Vacuum shroud has 1-1/4" (32 mm) diameter port, for connection to external vacuum system.



Model 58041

Model Number	Motor hp (W)	Motor RPM	Pad Dia. Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58040	.45 (336)	950	11 (279)	3/23 (651)	1/4 (8)	1/4" NPT	90 (6.2)	5.0 (2.3)	14-3/32 (358)	5-10/16 (143)
58041	.45 (336)	950	11 (279)	3/23 (651)	1/4 (8)	1/4" NPT	90 (6.2)	5.5 (2.5)	14-3/32 (358)	5-10/16 (143)

11" Dia. Gear-Driven Sanders

Dynabrade's 11" (279 mm) diameter Gear-Driven Sander runs at 950 RPM in a unique "epicycloidal" action for quick, aggressive material removal. Extra-large sanding area allows operator to cover MORE area in LESS time, leveling substrates and removing filler material with ease and efficiency.

Ergonomically designed for power and comfort, this tool allows fast, controlled sanding on fiberglass, solid surface, wood, metal and plastic. Ideal applications include removal of glue or epoxy, surface preparation prior to painting, "fairing" of marine craft, powder coating removal and much more!

11" (279 mm) Gear-Driven Sander is the perfect fit for countless industries dealing with large work surfaces. This includes manufacturers of large transportation/emergency vehicles, solid surface fabricators, swimming pool manufacturers, marine original equipment manufacturers, marine repair facilities and many others.

Features & Benefits:

- **Powerful .45 HP (336 W) Air Motor**
High-quality 950 RPM air motor offers power and efficiency.
- **Extra-Large 11" (279 mm) Coverage**
This tool covers the largest work area of any Dynabrade tool!
- **Unique Sanding Action for Aggressive Removal**
Gear-driven "epicycloidal" action generates torque-enhanced power, for consistent material removal.
- **Easy Two-Handed Control**
Lightweight tool features long handle for additional comfort and control, especially when working in vertical positions.
- **Weight-Mated Sanding Pad for Reduced Vibration**
All models include 56231 Hook-Face sanding pad, for abrasive discs 11-1/4" (286 mm) in diameter. Pad is weight-mated to tool for reduced vibration, allowing operator to work comfortably for longer periods. Lower vibration levels also reduce chance of work-related injuries.
- **Low Profile Design**
Compact tool height places operator closer to the work piece for greater control.
- **Thumb-Activated Speed Control**
Speed control lever is conveniently located for easy thumb adjustment.
- **Insulated Tool Housing**
Insulated housing reduces cold air transmission to the hand. This results in warmer, more comfortable feel as tool is running.
- **Safety-Lock Throttle Lever**
Lever prevents accidental start-up of tool. Has no sharp edges or "pinch points."



Accessories and Abrasives

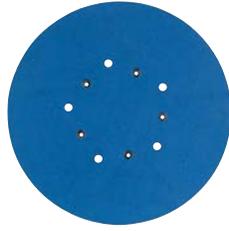
11" (279 mm) Diameter Sanding Pads

Accept 11-1/4" (286 mm) dia. Abrasive Discs, for Non-Vacuum and Vacuum Use



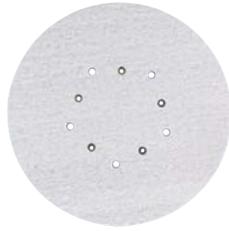
**Part No. 56231
Hook-Face Pad**

- Accepts Hook-Face abrasive discs.
- Included with all 11" (279 mm) diameter sanders.



**Part No. 56230
Vinyl-Face Pad**

- Accepts PSA (adhesive-backed) abrasive discs.



**Part No. 56232
Loop-Face Pad**

- Accepts 3M™ Hookit™ II abrasive discs.



**Part No. 56220
Conversion Pad**

- Allows attachment of 3M™ Hookit™ II abrasive discs to 56231 Hook-Face Pad.
- For non-vacuum use only.



**53998 "O" Style
Interface Pad**

- Soft 1/2" (13 mm) thick foam, ideal for conforming to irregular surfaces.
- Accepts vacuum ("O" Style) Hook-Face abrasive discs.

11-1/4" (286 mm) Diameter Abrasive Discs

Microfinishing Film

For Precise, Consistent Finish

Hook-Face Only

Part Number	Micron	Non-Vac	Vacuum Style
91320	100u	✓	
91321	80u	✓	
91322	60u	✓	
91323	30u	✓	
91324	15u	✓	
91325	100u		✓
91326	80u		✓
91327	60u		✓
91328	30u		✓
91329	15u		✓

NOTE: "O" Style Discs have 5-1/2" (140 mm) I.D.

3M™ Trizact™

Hookit™ II, Non-Vacuum Only

Part Number	Grade	Color
91405	A35	Green
91406	A10	Blue
91407	A5	Orange
91408	C/O	White

NOTE: C/O is Cerium Oxide 568XA

3M™ Scotch-Brite™

Hook-Face, Non-Vacuum Only

Part Number	Grade	Color
91400	Very Fine	Maroon
91401	Ultra Fine	Grey
91402	Super Fine	White

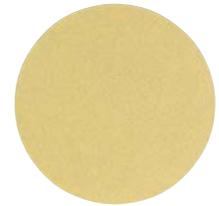
Aluminum Oxide

Most Widely Used Abrasive

Hook-Face Only

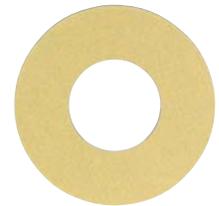
Part Number	Grit	Non-Vac	Vacuum Style
91315	36	✓	
91316	60	✓	
91300	80	✓	
91301	120	✓	
91302	180	✓	
91317	36		✓
91318	60		✓
91303	80		✓
91304	120		✓
91305	180		✓

NOTE: "O" Style Discs have 5-1/2" (140 mm) I.D.



Non-Vacuum

When abrasive disc is attached to pad, disc covers pad holes, for non-vacuum use.



Vacuum ("O" Style)

Large center hole in abrasive disc allows dust to be drawn up through pad holes.

Hookit™ II, Scotch-Brite® and Trizact™ are registered trademarks of 3M Company

Pneumatic Motor Tune-Up Kits

Includes Assorted Parts to Maintain Your Motor in Tip-Top Shape

98224

- For Models 58480 and 58485.

98576

- For Models 58040 and 58041.



Electric Portable Vacuum System

Ideal for Use with Dynabrade Vacuum-Ready Tools!

Variable Vacuum Control

Adjust your vacuum flow, based on type of tool and work surface.

Automatic ON/OFF

Vacuum starts and stops with use of tool. Saves time and conserves energy!

H.E.P.A. Filtration

Retains 99.97% of ultra-fine particles (High Efficiency Particulate Air), as small as 0.3 microns in diameter.

Extra Thermal Protection Device

Additional safeguard against overload of electronic motor.

Electronic Thermal Protection Device

Prevents overload of electronic motor.

Two-Tool Setup

Connect and operate two tools simultaneously! Allows more efficient use of workshop space.

"Tilt 'n Clean" Drum

Drum easily tilts backward for quick emptying. Requires no heavy lifting or tiresome bending!

Two Innovative 20' Coaxial Hoses

Lightweight hose assemblies with unique features.



Model 61300

9.9 Gallon/36 Liter, Dry Vacuum, Electric

Model Number	Capacity Gallon (Liter)	Voltage / Frequency	Watts	Plug (Region)	Air Pressure PSIG (Bar)	Water Static Lift Inch/cm/mbar	Shipping Weight lbs. (kg)	Height Inch (cm)	Width Inch (cm)
61300	9.9 (36)	120V/60 Hz	1300	US (US/Canada)	90 (6.2)	90/229/230	48.4 (22)	38-1/2 (98)	20-7/8 (53)
61301	17 (64)	120V/60 Hz	1300	US (US/Canada)	90 (6.2)	90/229/230	61.6 (28)	44-7/8 (114)	27-5/8 (70)



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

Try Our U.S. Consumer Toll Free Number
1-888 DYNABRADE (or 1-800-828-7333)

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