

# Dynabrade Product Spotlight

## NEW 100,000 RPM Pencil Grinder

**Accepts optional carbide burrs and mounted points for precision deburring, engraving, deflashing, etching, cleaning, finishing and more!**

- High speed, turbine-driven air motor has no wearable gears, vanes or blades, assuring longer tool life. Oil-free operation minimizes maintenance time and repair costs.
- Enhanced cut rate is ideal for use on titanium and other metals, plus alloys, graphite, wood, glass, and resin with high glass content.
- Ceramic bearings provide optimum performance and reliability.
- Tactile cues on shaft end alert operator to rotating collet area.
- Tool speed is adjustable with simple twist of on/off switch.
- Stainless steel tool housing offers stability and durability.
- Housing has comfortable "non-slip" rubber grip.



**51810**

*Includes 1/8" Collet*

**51811**

*Includes 1/16" Collet*

**51812**

*Includes 3/32" Collet*

**51813**

*Includes 3 mm Collet*

**Order Literature No. D06.11**

Model Number	Motor RPM	Exhaust	Maximum Air Flow CFM/SCFM (LPM)	Air Pressure PSIG (Bar)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
All Models	100,000	Rear	1/6 (170)	90 (6.2)	1/4 (6)	1/4" NPT	.84 (.38)	5-5/16 (135)	1-1/2 (37)

## Dynabug® II Orbital Sander

**Pneumatic Finishing Sander offers Portability with Power!**

### NEW Non-Vacuum Model With Clips

Clips are designed for heavy-duty use, accepting up to four abrasive sheets at once. Ideal for high-production workplaces.

**58507**

- 10,000 RPM tool ideal for sanding and stock removal, featheredging, sealer sanding, blending and finishing.
- Tool has specially designed pad base assembly with heavy-duty clips.
- Includes 56354 vinyl-face Sanding Pad, 68 mm wide by 175 mm long (approximately 2-3/4" x 7"). Pad screws directly to pad base assembly.
- Accepts abrasive sheets cut from 70 mm (2-3/4") wide abrasive rolls. Four sheets of this width may also be cut from sheets 229 mm wide x 280 mm long (9" x 11"). Abrasives are sold separately.



**Order Literature No. D05.06R**

Model Number	Motor hp (W)	Motor RPM	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)
58507	.15 (112)	10,000	1.8/13 (368)	1/4 (6)	1/4" NPT	90 (6.2)	2.1 (.95)	7-1/16 (180)	3-3/4 (94)

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## NEW .4 hp Dynafile® II Abrasive Belt Tool

**LIGHTWEIGHT, COMPACT version of world-famous Dynafile® II! Excellent for working in tight areas, and for operators with smaller hands!**

- Grind, deburr, blend, finish and polish. Grind from contact wheel or platen pad; finish and polish using slack of belt. For use on metal, plastic, fiberglass, etc.
- Compact, low profile housing allows easy access in tight spots and previously inaccessible areas. Grinding head pivots 360° for additional flexibility. Ergonomic 7° offset handle.
- Accepts Contact Arms for 18" (457 mm) long belts, in widths from 1/8" - 3/4" (3 mm - 19 mm).
- Robust .4 hp (298 W) air motor serves up ample power!
- Lightweight tool design minimizes operator fatigue and increases efficiency.
- Pop-off belt guard for quick abrasive change; easy belt tracking adjustment knob.



### 40352 25,000 RPM

- Includes 11203 Contact Arm, for coated abrasive belts 1/2" wide x 18" long (13 mm by 457 mm).

### 40353 25,000 RPM

- For use with non-woven nylon belts, 1/2" wide x 18" long (13 mm x 457 mm). Excellent for setting grain lines, and achieving consistent finishes on metals; also for removing oxide and weld discoloration.
- Features 40375 rubber drive wheel, which minimizes slippage of non-woven nylon belt. Includes 11203 Contact Arm, ideal for 90292 medium non-woven nylon belt.

**Order Literature No. D06.12**

Model Number	Motor HP (W)	Motor RPM	Abrasive Belt Size Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
40352	.4 (298)	25,000	1/8 - 3/4 (3 - 19) x 18 (457)	3/22 (626)	5,730 (1,747)	1.9 (.86)	14 (356)	4-1/8 (105)
40353	.4 (298)	25,000	1/8 - 3/4 (3 - 19) x 18 (457)	3/22 (626)	5,730 (1,747)	1.9 (.86)	14 (356)	4-1/8 (105)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" or 10 mm • Air Pressure 90 PSIG (6.2 Bar)

## NEW Right Angle Mini-Orbital Sander

**Rear Exhaust model designed for spot repair on gelcoat and clearcoat paint systems. Precise 1/8" (3 mm) orbital action minimizes swirl marks.**

### 58039 12,000 RPM

- Includes 1-1/4" (32 mm) diameter rubber sanding pad (54018). Also accepts optional 3/4" (19 mm) dia. rubber sanding pad (54017).

### 58034 12,000 RPM

- Includes 1-1/4" (32 mm) diameter **locking-type** foam-face sanding pad (54031). Also accepts optional 1-1/4" (32 mm) diameter **locking-type** vinyl-face sanding pad (54033).



**Order Literature No. D06.08**

Model Number	Exhaust	Motor Hp (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM	Hose I.D. Size Inch (mm)	Orbit Pattern	Air Inlet Thread	Weight lb (kg)	Length Inch (mm)	Height Inch (mm)
58034	Rear	.4 (298)	12,000	79	3/21 (595)	1/4" (6)	3 mm	1/4" NPT	1.4 (0.6)	7.5 (190)	4 (102)
58039	Rear	.4 (298)	12,000	79	3/21 (595)	1/4" (6)	3 mm	1/4" NPT	1.4 (0.6)	7.5 (190)	3.8 (97)

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## RANDOM ORBITAL Polishers

**Accept Polishing Pads 7"-8" (178 mm-203 mm) in Diameter** (sold separately)

- Unique RANDOM ORBITAL motion minimizes "haze" and "halo" effects, while preventing "burn through" of top coats and sealants. No haze, no halo, no swirls!
- Innovative polishing head with streamlined, lightweight design for maximum operator comfort.
- Each model includes 7" (178 mm) diameter Backing Pad (50855). Polishing pads sold separately.

### PREMIUM Air Powered

**51447**

**5/8"-11 Male Thread**

**51449**

**M14x2 Male Thread**

- Highest quality 1 hp air motor, running at 2,800 RPM.
- Lubricated gears for extended tool life.

### Air Powered

**51446**

**5/8"-11 Male Thread**

**51448**

**M14x2 Male Thread**

- .7 hp air motor, running at 2,500 RPM.

### Electric Powered

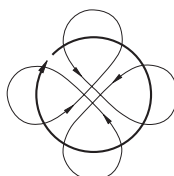
**51614**

**5/8"-11 Male Thread**

- 9 amp motor, 0-3,000 RPM (variable RPM dial).
- Double-insulated (Class II) housing, 8 ft. (2.44 m) flexible cord, and built-in tool rest.
- Available in USA and Canada only.



**Now with  
Lightweight  
Design!**



**3/4" (19 mm) Dia.  
Random Orbital Motion**



**Order Literature No. D05.10**

Model Number	Motor hp (W)	Motor RPM	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)
51446/51448	.7 (522)	2,500	3/27 (765)	3/8 (10)	1/4" NPT	90 (6.2)	6.3 (2.9)	14-3/8 (366)	5-3/8 (135)
51447/51449	1 (744)	2,800	6/41 (1,167)	3/8 (10)	3/8" NPT	90 (6.2)	5.8 (2.7)	14-3/8 (366)	5-3/8 (135)

Model Number	Motor RPM	Maximum Watts Out	Voltage	Current Amps	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51614	0 - 3,000	835	120 V (AC)	9	1	60 Hz	8.8 (3.9)	18-7/8 (480)	6-3/4 (172)

## RANDOM ORBITAL Head Kit

**Converts Standard Rotary Tool to a Random Orbital Polisher!**

**61374**

**5/8"-11 Female Thread**

**61375**

**M14x2 Female Thread**

- For mounting to tool motors up to 3,200 RPM.
- Kit Includes:
  - Random Orbital Polishing Head (patent pending)
  - 90082 Natural Sheepskin Polishing Pad, 7" (178 mm) diameter
  - 50855 Hook-Face Backing Pad, 7" (178 mm) diameter
  - 50679 Wrench, 26 mm

**No More  
Swirls!**





# Dynabrade Product Spotlight

## NEW Top Handle Assembly

### 53147 Top Handle Easily Attaches to Selected Dynabrade Two-Hand Tools

- Perfectly centered over tool for ideal balance and comfort.
- Heavy-duty construction.
- Attaches to these air-powered models:
  - 51446 / 51448 Random Orbital Polisher
  - 51458 / 51459 Rotary Polisher
  - 58480 - 11" (279 mm) Random Orbital Sander (Non-Vac)
  - 58485 - 11" (279 mm) Random Orbital Sander (Vac-Ready)
- Attaches to these electric-powered models:
  - 51610 Random Orbital Polisher
  - 51612 - 11" (279 mm) Random Orbital Sander (Non-Vac)
  - 51613 - 11" (279 mm) Random Orbital Sander (Vac-Ready)
  - 51614 Rotary Polisher



## FREE Digital Demonstrations

**Dynabrade Electric Tools on DVD! Features brief video demonstrations of these high-quality models:**

- 13415 - Electric Dynisher
  - 40588 - Depressed Center Wheel Grinder
  - 40590 - Electric Dynafile® II
  - 51610 - Rotary Polisher
  - 51612 - 11" Random Orbital Sander
  - 51614 - Random Orbital Polisher
- DVD no. 98550



**Dynabrade Repair Demonstrations on CD-ROM. Each disc features clear, step-by-step maintenance and repair instructions. Conduct a repair clinic anytime at your convenience!**

- 0.5 hp Air Motor (CD no. 98470)
- Dynorbital-Spirit® (98471)
- 3" Dynabuffer (98472)
- 1 hp Air Motor (98473)
- 0.4 hp Air Motor (98474)
- 0.7 hp Air Motor (98475)
- Dynorbital® Supreme (98476)
- Two-Hand Random Sander (98477)
- Two-Hand Gear-Driven Sander (98478)
- DynaLocke® Dual-Action Sander (98479)



Please note: All discs are available in limited quantities.



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

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