

# Two-Hand Tool Series from Dynabrade

Random Orbital, Gear-Driven and Dual Action Sanders



- Efficient Pneumatic Motor Offers Increased Power
- Advanced Design Allows Optimum Comfort and Control
- Dynabrade Innovations Ensure Longer Tool Life



# Dynabrade's NEW Two-Hand Tool Series

*Dynabrade's pneumatic Two-Hand Tools (Random Orbital, Gear-Driven and Dual Action Sanders) have been providing countless application solutions for many years. Now, as we continually strive for excellence and innovation, Dynabrade introduces our newly designed Two-Hand Tool Series! Featuring a more powerful air motor and many ergonomic improvements, these models provide the ultimate in tool efficiency and the best in operator comfort.*

Toggle switch is recessed for maximum protection (DynaLocke™ models).

Speed control lever conveniently located for easy adjustment.

Safety-lock throttle lever for increased safety.

Larger vacuum port allows better air flow (Vacuum-Ready models).

Softer, smoother palm grip enhances operator comfort.



New single-piece handle is stronger and more durable.

Long handle allows excellent comfort and control, especially when working in vertical position.

## Features & Benefits

### • New Powerful Air Motor

Innovative motor design is more efficient and offers 12% more HP (W)!

### • Strong Single-Piece Handle

New single-piece handle minimizes air leakage and reduces chance of breakage.

### • Tool Weight is Reduced

5" (127 mm) and 6" (152 mm) diameter models have been reduced in weight by as much as 7%. Lighter tools help lessen operator fatigue and increase overall efficiency.

### • Lower Vibration Levels

8" (203 mm) diameter Random Orbital Sanders and all Gear-Driven Sanders feature new gear and mounting plates that reduce tool vibration. Smoother running tools help reduce work-related injuries and can be operated for longer periods of time.

### • Larger Vacuum Port

Vacuum-Ready models have port for 1-1/4" (32 mm) diameter hose cuff, resulting in better vacuum flow.

### • Thumb-Activated Speed Control

Speed control lever is conveniently located for easy thumb adjustment.

### • Safety-Lock Throttle Lever

Offers increased safety by preventing accidental start-up of tool. Lever must be pulled back before activating tool.

### • High-Quality Sanding Pad Included

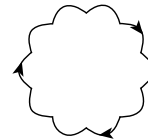
All tools include low-profile premium Dynabrade sanding pad. Use of weight-mated pad further reduces tool vibration.

# Gear-Driven Sanders

**900 RPM Slow-Speed Sander Tackles Aggressive Removal Applications**



- Unique epicycloidal sanding action allows aggressive removal of material.
- Applications include removal and leveling of large amounts of filler materials such as glue or epoxy; remove small welds; prepare and surface condition prior to paint; remove coatings. Use on materials including metal, solid surfaces, wood and fiberglass.
- Ergonomically designed for low vibration and reduced sound levels.
- Excellent comfort and control, especially when working on vertical sides or large tabletops. Long handle allows for two-hand support of tool.
- Includes low profile, perfectly balanced and weight-mated premium urethane sanding pad. Pad screw-mounts to tool (see pages 6 and 7).



**Epicycloidal Pattern**  
Gear-Driven Tools

## Non-Vacuum

### Model 58441

**5" (127 mm) Diameter**

- Includes 57760 Hook-Face Sanding Pad.

### Model 58442

**6" (152 mm) Diameter**

- Includes 57762 Vinyl-Face Sanding Pad.

### Model 58445

**8" (203 mm) Diameter**

- Includes 56234 Vinyl-Face Sanding Pad.



## Central Vacuum Only

- Combination lip-seal overskirt shroud allows enhanced vacuum capability and greater workpiece visibility.
- Dust is extracted away from air motor (reducing contamination) for a smoother, easier path of extraction.
- Anti-clog design is advantageous when sanding damp filler material.

### Model 58443

**6" (152 mm) Diameter**

- Includes 57763 Vinyl-Face Sanding Pad (6 holes).
- Shroud has 1" (25 mm) diameter vacuum port.

### Model 58446

**8" (203 mm) Diameter**

- Includes 56235 Vinyl-Face Sanding Pad (8 holes).
- Shroud has 2" (51 mm) diameter vacuum port.

### Model 58444

**6" (152 mm) Diameter**

- Includes 57766 Hook-Face Sanding Pad (8 holes).
- Shroud has 1" (25 mm) diameter vacuum port.

| 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 | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|--------------|--------------|-----------|--------------------|---------------------------------|--------------------------|------------------|-------------------|------------------|------------------|
| 58441        | .45 (336)    | 900       | 5 (127)            | 3/23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 3.6 (1.7)         | 11-1/16 (281)    | 5-5/8 (143)      |
| 58442        | .45 (336)    | 900       | 6 (152)            | 3/23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 3.6 (1.7)         | 11-1/2 (293)     | 5-5/8 (143)      |
| 58443        | .45 (336)    | 900       | 6 (152)            | 3/23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 3.8 (1.7)         | 11-1/2 (293)     | 5-5/8 (143)      |
| 58444        | .45 (336)    | 900       | 6 (152)            | 3/23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 3.8 (1.7)         | 11-1/2 (293)     | 5-5/8 (143)      |
| 58445        | .45 (336)    | 900       | 8 (203)            | 3/23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 3.9 (1.8)         | 12-1/2 (319)     | 5-9/16 (142)     |
| 58446        | .45 (336)    | 900       | 8 (203)            | 3/23 (651)                      | 1/4 (6)                  | 1/4" NPT         | 4.3 (2.0)         | 12-1/2 (319)     | 5-9/16 (142)     |

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)