



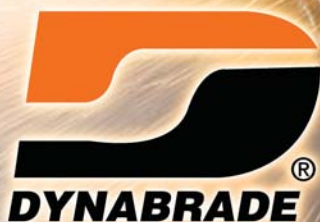
# 2 hp & 3 hp Vertical Sanders & Grinders

**Dynabrade's Most Powerful Tools!**

**NEW!**



- Top-Quality Tools Offer Quick, Efficient Material Removal
- Governor-Controlled Air Motor Maintains Speed Under Load
- Overspeed Shut-Off Feature Ensures Maximum Safety



# 2 hp & 3 hp Vertical Tools

Dynabrade's NEW 2 hp and 3 hp Vertical Tools offer a variety of material removal solutions, for industries such as metal/stainless steel fabrication, composites, foundries and shipyards. These rugged tools offer the best in power and performance, combined with Dynabrade quality and durability!

## 7" Dia. Vertical Disc Sanders

**Grind Sheet Metal, Fiberglass, Composites, Carbon Fiber • Sand, Deburr Metal Parts**  
**Surface Condition • Remove Mill Finish • Finish Aluminum • Remove Paint & Rust**

- **Governor-controlled air motor** maintains tool RPM under heavy load.
- **Overspeed shut-off feature** ensures maximum operator safety.
- Motor is gearless with less wearable parts, ensuring reduced maintenance and less downtime.
- Insulated tool handle minimizes cold air transmission to the hand. Handle position is adjustable for operator comfort.
- All models include safety-lock throttle lever.
- For peak performance, use of optional 95870 Air Hose (1/2" diameter) is recommended (see page 4).



### 2 hp (1,491 W) Models

- Each model includes 50283 Backup Pad, 7" (178 mm) in diameter (see page 4). Covers more area in less time!
- Pad accepts 7" (178 mm) diameter abrasive discs with 7/8" center hole, sold separately.

**Model 53251**  
**6,000 RPM**

**Model 53252**  
**7,200 RPM**

**Model 53253**  
**8,500 RPM**



Model 53251



### 3 hp (2,237 W) Models

- Each model includes 50283 Backup Pad, 7" (178 mm) in diameter (see page 4). Covers more area in less time!
- Pad accepts 7" (178 mm) diameter abrasive discs with 7/8" center hole, sold separately.

**Model 53261**  
**6,000 RPM**

**Model 53262**  
**7,200 RPM**

**Model 53263**  
**8,500 RPM**



Model 53261



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53251	2 (1,491)	6,000	81 dB(A)	80 (2,265)	1/2 (13)	1/2" NPT	5/8"-11 Male	7.9 (3.6)	9.4 (240)	5.8 (148)
53252	2 (1,491)	7,200	81 dB(A)	87 (2,264)	1/2 (13)	1/2" NPT	5/8"-11 Male	7.9 (3.6)	9.4 (240)	5.8 (148)
53253	2 (1,491)	8,500	80 dB(A)	84 (2,379)	1/2 (13)	1/2" NPT	5/8"-11 Male	7.9 (3.6)	9.4 (240)	5.8 (148)
53261	3 (2,237)	6,000	79 dB(A)	89 (2,520)	1/2 (13)	1/2" NPT	5/8"-11 Male	8.6 (3.9)	9.4 (240)	6.3 (160)
53262	3 (2,237)	7,200	82 dB(A)	98 (2,775)	1/2 (13)	1/2" NPT	5/8"-11 Male	8.6 (3.9)	9.4 (240)	6.3 (160)
53263	3 (2,237)	8,500	82 dB(A)	97 (2,747)	1/2 (13)	1/2" NPT	5/8"-11 Male	8.6 (3.9)	9.4 (240)	6.3 (160)

**Tune-Up Kit: No. 96552** • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 7" Dia. Vertical Depressed Center Wheel Grinders

**Fast Weld & Stock Removal • Heavy Deburring • Rust & Scale Removal**

- Governor-controlled air motor maintains tool RPM under heavy load.
- Overspeed shut-off feature ensures maximum operator safety.
- Motor is gearless with less wearable parts, ensuring reduced maintenance and less downtime.
- Insulated tool handle minimizes cold air transmission to the hand. Handle position is adjustable for operator comfort.
- All models include safety-lock throttle lever.
- For peak performance, use of optional 95870 Air Hose (1/2" diameter) is recommended (see page 4).



## 2 hp (1,491 W) Models

- Each model accepts optional Type 27 reinforced Depressed Center Wheels, 7" (178 mm) diameter. Covers more area in less time!

**Model 53232**  
**6,000 RPM**

**Model 53234**  
**7,200 RPM**

**Model 53235**  
**8,500 RPM**



## 3 hp (2,237 W) Models

- Each model accepts optional Type 27 reinforced Depressed Center Wheels, 7" (178 mm) diameter. Covers more area in less time!

**Model 53242**  
**6,000 RPM**

**Model 53244**  
**7,200 RPM**

**Model 53245**  
**8,500 RPM**

**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53232	2 (1,491)	6,000	84 dB(A)	80 (2,265)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.2 (4.2)	9.5 (241)	6.5 (166)
53234	2 (1,491)	7,200	81 dB(A)	87 (2,264)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.2 (4.2)	9.5 (241)	6.5 (166)
53235	2 (1,491)	8,500	81 dB(A)	84 (2,379)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.2 (4.2)	9.5 (241)	6.5 (166)
53242	3 (2,237)	6,000	83 dB(A)	89 (2,520)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.8 (4.4)	9.5 (241)	7 (179)
53244	3 (2,237)	7,200	86 dB(A)	98 (2,775)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.8 (4.4)	9.5 (241)	7 (179)
53245	3 (2,237)	8,500	85 dB(A)	97 (2,747)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.8 (4.4)	9.5 (241)	7 (179)

**Tune-Up Kit: No. 96552** • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 6" Dia. Vertical Cup Wheel Grinders

**Fast Weld & Stock Removal • Heavy Deburring  
Rust & Scale Removal**

- Each model accepts optional Type 11 Cup Wheels, 6" (152 mm) diameter. Covers more area in less time!
- 6,000 RPM. Models include **same features** as Depressed Center Wheel Grinders, above.

**Model 53233**  
**2 hp (1,491 W)**

**Model 53243**  
**3 hp (2,237 W)**



**IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53233	2 (1,491)	6,000	83 dB(A)	80 (2,265)	1/2 (13)	1/2" NPT	5/8"-11 Male	10.5 (4.7)	9.5 (241)	7 (178)
53243	3 (2,237)	6,000	82 dB(A)	89 (2,264)	1/2 (13)	1/2" NPT	5/8"-11 Male	11.1 (5)	9.5 (241)	7.5 (190)

**Tune-Up Kit: No. 96552** • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Vertical Tool Accessories

## Flexible Air Line Assembly

*Ensures Peak Performance*

### Part No. 95870

- 1/2" inside diameter, recommended for peak performance of 2 hp and 3 hp tools.
- Includes male and female fitting.
- Length of five feet (1.5 m).



## Rubber Molded Pad with Spiral Ribs

*For 2 hp & 3 hp Disc Sanders*

### Part No. 50283

- 7" (178 mm) diameter, 5/8"-11 female thread, medium density, 8,600 RPM maximum operating speed.
- Accepts abrasive discs with 7/8" (22 mm) center hole.
- Spiral ribs provide contact points and form air-flow channels, extending disc life.
- Slotted hub draws cool air behind disc.
- Flange nut included.



## Air Motor Tune-Up Kit

*Maintain Your Tool in Top Condition!*

### Part No. 96552

- Includes assorted parts to help maintain and repair motor.



## Dynabrade Air Lube

*For Maximum Air Flow to Tool!*

### Part No. 95842

**1 pt. (473 ml)**

### Part No. 95843

**1 gal. (3.8 L)**

- Formulated for pneumatic equipment.
- Absorbs up to 10% of its weight in water.
- Prevents rust and formation of sludge.
- Keeps pneumatic tools operating longer, with greater power and less downtime.

95842



## Coupler & Plug Assembly

*For Maximum Air Flow to Tool!*

### Part No. 98273

- Provides up to TWICE the standard air flow – tool won't be "starved."
- Offers convenient quick-connect and disconnect feature.
- Recommended for use with all Dynabrade 2 hp and 3 hp tools.
- Includes one 1/2" NPT female coupler and one 1/2" NPT male plug (also sold separately).



98269



98271



**For More Tools and Related Accessories, Visit: [www.dynabrade.com](http://www.dynabrade.com)**



Contract Holder  
Contract GS-21F-0069U



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