



# **DYNABRADE**

# ***DISC SANDERS***

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# 2" Dia. Disc Sanders

## .33 hp and .4 hp Models



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### High-Quality Air-Powered Disc Sanders

#### Right Angle, .33 hp, Gearless, Rear Exhaust

##### Model 52590 18,000 RPM

- Includes 51345 Locking-Type Pad (2" diameter).
- Also accepts 3" diameter disc pads, sold separately.
- Features standard muffler for more compact design.
- Tool combines top efficiency with great value.



Model  
52590



FOR ABRASIVE DISCS  
2" (51 mm) diameter  
SEE PAGE 279

Important: Speed of tool must not exceed maximum operating speed of accessory.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52590	.33 (246)	15,000	77 dB(A)	20 (567)	1/4 (6)	1/4" NPT	3/8"-24 Female	1.9 (0.9)	4-1/2 (114)	3-7/8 (98)

Tune-Up Kit: No. 96505 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Angle-Head, .4 hp, Rear Exhaust

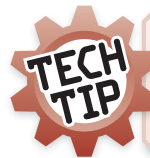
##### Model 49410 3,200 RPM

- Tool has 1/4"-28 female thread. Comes mounted with 54021 Adapter for pads with 1/4"-20 female thread.
- Includes 50107 Pad (2" diameter) for PSA (adhesive backed) abrasive discs.
- Governor-controlled motor maintains speed under load.
- Extended rear exhaust muffler; safety-lock lever included.
- Optional 54030 Rotary Sanding Head permits locking-type male thread pad to be mounted.
- Optional 54585 Side Handle available.



Model  
49410

NEW!



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
49410	.4 (298)	3,200	78 dB(A)	26 (736)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (0.9)	12.5 (319)	2.6 (65)

Tune-Up Kit: No. 96541 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### 7° Offset, .4 hp, Rear Exhaust

- Includes 51344 Locking-Type Pad (2" diameter).
- Handle is offset 7° for greater operator comfort and control.
- Gearless for reduced maintenance and down-time.

##### Model 48500 25,000 RPM

- Extended muffler design.

##### Model 48503 25,000 RPM

- Features standard muffler for more compact design.



Model  
48503



See page 85 for  
VACUUM Models!

Important: Speed of tool must not exceed maximum operating speed of accessory.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
48500	.4 (298)	25,000	73 dB(A)	23 (650)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.3 (0.6)	8.7 (222)	3.9 (98)
48503	.4 (298)	25,000	73 dB(A)	23 (650)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (.5)	7.2 (183)	3.9 (98)

Tune-Up Kit: No. 96541 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 2" Dia. Disc Sanders

## .4 hp and .5 hp Models



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### High-Quality Air-Powered Disc Sanders

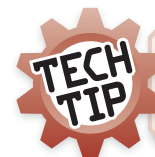
#### Right Angle, .4 hp, Front Exhaust

- Includes 51344 Locking-Type Pad (2" diameter).
- Also accepts 3" diameter pads, sold separately.
- Governor-controlled motor maintains speed under load.

**Model 47820** 12,000 RPM

**Model 47821** 15,000 RPM

**Model 47822** 20,000 RPM



Motor Tune-Up Kits will extend the life of an air tool when used with a preventative maintenance schedule.

**FOR ABRASIVE DISCS**  
2" (51 mm) and  
3" (76 mm) diameters  
SEE PAGE 279

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
47820	.4 (298)	12,000	85 dB(A)	25 (708)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	4.4 (111)	3.5 (89)
47821	.4 (298)	15,000	85 dB(A)	25 (708)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	4.4 (111)	3.5 (89)
47822	.4 (298)	20,000	84 dB(A)	25 (708)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	4.4 (111)	3.5 (89)

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Right Angle, .4 hp, Rear Exhaust

- Includes 51344 Locking-Type Pad (2" diameter).
- Also accepts 3" diameter pads, sold separately.
- Governor-controlled motor maintains speed under load.

**Model 48520**

12,000 RPM, Extended Muffler

**Model 48521**

15,000 RPM, Extended Muffler

**Model 48522**

20,000 RPM, Extended Muffler

**Model 48540**

12,000 RPM, Standard Muffler

**Model 48541**

15,000 RPM, Standard Muffler

**Model 48542**

20,000 RPM, Standard Muffler



See page 86 for  
**VACUUM Models!**

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
48520	.4 (298)	12,000	76 dB(A)	27 (765)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.3 (0.6)	8.2 (208)	3.5 (89)
48521	.4 (298)	15,000	79 dB(A)	27 (765)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.3 (0.6)	8.2 (208)	3.5 (89)
48522	.4 (298)	20,000	78 dB(A)	27 (765)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.3 (0.6)	8.2 (208)	3.5 (89)
48540	.4 (298)	12,000	81 dB(A)	27 (765)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	4.9 (124)	3.5 (89)
48541	.4 (298)	15,000	83 dB(A)	27 (765)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	4.9 (124)	3.5 (89)
48542	.4 (298)	20,000	81 dB(A)	27 (765)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	4.9 (124)	3.5 (89)

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### 7° Offset, .5 hp

- All models include 51344 Locking-Type Pad (2" diameter).
- Also accept 3" diameter pads, sold separately.

**Model 52400** 15,000 RPM, Front Exhaust

**Model 52402** 20,000 RPM, Front Exhaust

**Model 52405** 20,000 RPM, Rear Exhaust

- Extended muffler design.



Model 52405

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52400	.5 (373)	15,000	77 dB(A)	26 (736)	3/8 (10)	1/4" NPT	1/4"-20 Male	1.7 (0.8)	6 (152)	5-1/2 (140)
52402	.5 (373)	20,000	79 dB(A)	28 (793)	3/8 (10)	1/4" NPT	1/4"-20 Male	1.7 (0.8)	6 (152)	5-1/2 (140)
52405	.5 (373)	20,000	76 dB(A)	25 (793)	3/8 (10)	1/4" NPT	1/4"-20 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)

**Tune-Up Kit: No. 96044** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 3" Dia. Disc Sanders

.4 hp, .55 hp and .7 hp Models



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## High-Quality Air-Powered Disc Sanders

### Right Angle, .4 hp, Rear Exhaust

- Includes 51346 Locking-Type Pad (3" diameter).
- Extended muffler design.

**Model 48530** 12,000 RPM

**Model 48531** 15,000 RPM

**Model 48532** 20,000 RPM

See page 87-88 for  
VACUUM Models!



**NEW!**

FOR ABRASIVE DISCS  
3" (76 mm) diameter  
SEE PAGE 279



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
48530	.4 (298)	12,000	81 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (0.5)	7-3/8 (187)	3-1/8 (79)
48531	.4 (298)	15,000	80 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (0.5)	7-3/8 (187)	3-1/8 (79)
48532	.4 (298)	20,000	83 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (0.5)	7-3/8 (187)	3-1/8 (79)

**Tune-Up Kit: No. 96541** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Right Angle, .55 hp, Gearless, Rear Exhaust

- Includes 51347 Locking-Type Pad (3" diameter).
- Removable side handle.
- Optional safety-lock lever available.
- Tool combines top efficiency with great value.

**Model 52557** 15,000 RPM, Extended Muffler

**Model 52558** 15,000 RPM, Standard Muffler



Model 52557



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52557	.55 (410)	15,000	75 dB(A)	33 (934)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.9 (0.8)	6 (152)	3-7/8 (98)
52558	.55 (410)	15,000	84 dB(A)	33 (934)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.9 (0.8)	4-1/2 (114)	3-7/8 (98)

**Tune-Up Kit: No. 96522** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 7° Offset, .7 hp, Gearless

- Includes 51347 Locking-Type Pad (3" diameter).
- Removable side handle.

**Model 52410** 15,000 RPM, Front Exhaust

**Model 52412** 20,000 RPM, Front Exhaust

**Model 52413** 15,000 RPM, Rear Exhaust

**Model 52415** 20,000 RPM, Rear Exhaust

- Extended muffler design (52413 and 52415 only).



Model 52412



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52410	.7 (522)	15,000	92 dB(A)	32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6 (152)	5-1/2 (140)
52412	.7 (522)	20,000	90 dB(A)	36 (1,019)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6 (152)	5-1/2 (140)
52413	.7 (522)	15,000	74 dB(A)	32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)
52415	.7 (522)	20,000	74 dB(A)	35 (991)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)

**Tune-Up Kit: No. 96045** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 3"-4" Dia. Disc Sanders

.7 hp, Right Angle Models, Rear Exhaust



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*Ideal for quick weld removal, metal beveling in weld preparation, deburring and deflashing, surface conditioning and paint removal. Ergonomic tools accept locking-type abrasive discs (coated and non-woven nylon).*

**FOR ABRASIVE DISCS**  
3" (76 mm) and  
4" (102 mm) diameters  
SEE PAGE 279

## Composite Housing Models

- Offered in standard and extended tool body lengths.
- Thermal-insulated handle reduces cold air transmission to operator.
- Tools include lightweight aluminum head.
- Safety-lock throttle lever prevents accidental startup of tool.

### Model 54400

**18,000 RPM, 3" Dia.**

- Includes 51347 medium density locking-type backup pad, 3" (76 mm) dia.

### Model 54403

**18,000 RPM, 3" Dia., Extended**

- Allows additional reach of 3-3/8" (86 mm)!
- Includes 51347 medium density locking-type backup pad, 3" (76 mm) dia.

### Model 54406

**12,000 RPM, 4" Dia.**

- Includes 50192 hard density locking-type backup pad, 4" (102 mm) dia.

### Model 54409

**12,000 RPM, 4" Dia., Extended**

- Allows additional reach of 3-3/8" (86 mm)!
- Includes 50192 hard density locking-type backup pad, 4" (102 mm) dia.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Pad Diameter Inch (mm)	Tool Housing	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
54400	.7 (522)	18,000	83 dB(A)	41 (1,161)	3 (76)	Composite	1/4" NPT	2.3 (1)	8-1/2 (216)	3-1/2 (89)
54403	.7 (522)	18,000	81 dB(A)	41 (1,161)	3 (76)	Composite	1/4" NPT	3.2 (1.4)	12 (302)	3-1/2 (89)
54406	.7 (522)	12,000	79 dB(A)	40 (1,133)	4 (102)	Composite	1/4" NPT	2.4 (1)	9 (229)	3-9/16 (91)
54409	.7 (522)	12,000	81 dB(A)	40 (1,133)	4 (102)	Composite	1/4" NPT	3.3 (1.4)	12-1/2 (316)	3-9/16 (91)

**Tune-Up Kit: No. 96680** (page 267) • Spindle Thread 3/8"-24 male; Hose I.D. Size 3/8" (10 mm); Air Pressure 90 PSIG (6.2 Bar)

## Steel Housing Models

- Rugged steel housing and head for increased durability in abusive environments.
- Offered in standard and extended tool body lengths.
- Thermal-insulated handle reduces cold air transmission to operator.
- Safety-lock throttle lever prevents accidental starting of tool.

### Model 54421

**18,000 RPM, 3" Dia.**

- Includes 51347 medium density locking-type backup pad, 3" (76 mm) dia.

### Model 54424

**18,000 RPM, 3" Dia., Extended**

- Allows additional reach of 3-3/8" (86 mm)!
- Includes 51347 medium density locking-type backup pad, 3" (76 mm) dia.

### Model 54427

**12,000 RPM, 4" Dia.**

- Includes 50192 hard density locking-type backup pad, 4" (102 mm) dia.

### Model 54430

**12,000 RPM, 4" Dia., Extended**

- Allows additional reach of 3-3/8" (86 mm)!
- Includes 50192 hard density locking-type backup pad, 4" (102 mm) dia.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Pad Diameter Inch (mm)	Tool Housing	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
54421	.7 (522)	18,000	81 dB(A)	41 (1,161)	3 (76)	Steel	1/4" NPT	3.1 (1.4)	8-3/4 (223)	3-1/2 (89)
54424	.7 (522)	18,000	80 dB(A)	41 (1,161)	3 (76)	Steel	1/4" NPT	3.9 (1.8)	12-1/8 (308)	3-1/2 (89)
54427	.7 (522)	12,000	78 dB(A)	40 (1,133)	4 (102)	Steel	1/4" NPT	3.2 (1.4)	9-1/4 (235)	3-9/16 (91)
54430	.7 (522)	12,000	78 dB(A)	40 (1,133)	4 (102)	Steel	1/4" NPT	3.9 (1.8)	12-5/8 (321)	3-9/16 (91)

**Tune-Up Kit: No. 98623** (page 267) • Spindle Thread 3/8"-24 male; Hose I.D. Size 3/8" (10 mm); Air Pressure 90 PSIG (6.2 Bar)



# 4"- 5" Dia. Disc Sanders

## 1.3 hp, Right Angle Models



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*Dynabrade's 1.3 hp (970 W) Right Angle Disc Sanders offer countless material removal solutions to industries such as metal/stainless steel fabrication, composites, masonry, ironwork and general welding. Designed to the Dynabrade standard of excellence, these tools offer a wide array of features to increase efficiency and maximize operator comfort!*

**FOR ABRASIVE DISCS**  
4", 4-1/2" and 5" diameters  
(102 mm, 114 mm, 127 mm)  
SEE PAGES 279-280

### Vibration Dampening Side Handle

Specially designed to reduce vibration transfer to operator. Removable for left or right hand use.

### Rotational Exhaust System

Rotates a full 360° to ensure that exhaust is directed away from operator.

### Safety-Lock Throttle Lever

Prevents accidental start-up of tool. Lever has no sharp edges or "pinch points."

### Cast Aluminum Construction

Tool housing and handle made of solid cast aluminum.

### "Wick Lube" System for Longer Gear Life

Extends gear life with simple lubrication. All models include 95848 Gear Oil and 95541 Gear Oil Gun.



### Insulated Throttle Handle

Reduces cold air transmission to operator's hand. Handle position is adjustable, increasing comfort and efficiency.

### Robust 1.3 hp Air Motor

1.3 hp (970 W) governor-controlled air motor delivers powerful, efficient performance.

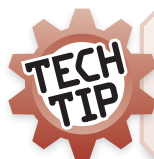
### Convenient Spindle Lock

Allows quick and easy change of grinding wheel or abrasive disc. Less downtime!

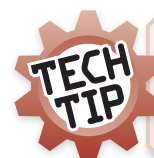
52634 Disc Sander shown with optional 50281 Rubber Molded Backing Pad (see page 242).



52634 Disc Sander offers efficient material removal on a variety of surfaces.



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



# 4" - 5" Dia. Disc Sanders

## 1.3 hp, Right Angle Models



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

**FOR ABRASIVE DISCS**  
4", 4-1/2" and 5" diameters  
(102 mm, 114 mm, 127 mm)  
SEE PAGES 279-280

### Model 52631

**4" (102 mm) Diameter, 12,000 RPM  
3/8"-24 Spindle Thread**

- Includes 50192 locking-type Backing Pad, 4" (102 mm) in diameter (see page 242).
- Accepts optional 4" (102 mm) diameter locking-type Abrasive Discs.



Model  
52631



Model  
52631

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52631	1.3 (970)	12,000	79 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.3 (1.9)	10 (254)	3.3 (84)

**Tune-Up Kit: No. 96100** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Model 52634

**4-1/2" (114 mm) Diameter  
12,000 RPM, 5/8"-11 Spindle Thread**

- Includes 51148 Backing Pad, 4-1/2" (114 mm) diameter, plus mounting hardware.
- Accepts optional 4-1/2" (114 mm) diameter Abrasive Discs with 7/8" (22 mm) center hole.



Model  
52634

*Shown with optional  
50281 Rubber  
Molded Backing  
Pad (see page 242).*



**WATCH Tool  
at Work!**



Model  
52634

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52634	1.3 (970)	12,000	79 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.4 (2)	10 (254)	3.3 (84)

**Tune-Up Kit: No. 96100** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Model 52635

**5" (127 mm) Diameter, 12,000 RPM  
5/8"-11 Spindle Thread**

- Includes 51150 Backing Pad, 5" (127 mm) diameter, plus mounting hardware.
- Accepts optional 5" (127 mm) diameter Abrasive Discs with 7/8" (22 mm) center hole.



Model  
52635

**See page 89 for  
VACUUM Model!**



Model  
52635

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52635	1.3 (970)	12,000	79 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.4 (2)	10 (254)	3.3 (84)

**Tune-Up Kit: No. 96100** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 4" & 4-1/2" Dia. Disc Sanders

.55 hp and .7 hp Models



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## High-Quality Air-Powered Disc Sanders

FOR ABRASIVE DISCS  
4" (102 mm),  
4-1/2" (114 mm) diameters  
SEE PAGES 279-280

### Model 50324 11,000 RPM, 4" Diameter, Pistol Grip, .7 hp, Gearless, Rear Exhaust

- Includes 50192 Locking-Type Pad (4" diameter); pad mounts to tool spindle without adapters.
- Governor speed control maintains RPM under load.
- Gearless for reduced maintenance and down-time.
- Removable side handle.



Model 50324



Model 50324

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50324	.7 (522)	11,000	76 dB(A)	32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	6-5/8 (168)	5-5/8 (143)

**Tune-Up Kit: No. 96047** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### 4-1/2" Diameter, Right Angle, .55 hp

- .55 hp models are ideal for light duty applications on metal, fiberglass and more.
- Gearless for reduced maintenance and downtime.
- Disc mount and flange nut included; 7/8" center hole abrasives are flange-mounted. Rear exhaust.
- All models include safety-lock throttle lever.

### Model 52515 15,000 RPM, 5/8"-11 Thread

- Includes 50267 Disc Pad (4-1/2" diameter).

### Model 52516 15,000 RPM, 5/8"-11 Thread

- Includes 50267 Disc Pad and 07184 Guard.

### Model 52518 15,000 RPM, M14x2 Thread

- Includes 07184 Guard. (Disc Pad not included.)



Model 52515



Model 52515



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52515	.55 (410)	15,000	83 dB(A)	33 (934)	3/8 (10)	1/4" NPT	5/8"-11 Male	1.9 (0.8)	6 (152)	3-7/8 (98)
52516	.55 (410)	15,000	83 dB(A)	33 (934)	3/8 (10)	1/4" NPT	5/8"-11 Male	1.9 (0.8)	6 (152)	3-7/8 (98)
52518	.55 (410)	15,000	83 dB(A)	33 (934)	3/8 (10)	1/4" NPT	M14x2	1.9 (0.8)	6 (152)	3-7/8 (98)

**Tune-Up Kit: No. 96522** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 4-1/2"-5" Dia. Disc Sanders

.7 hp and 1 hp Models



DISC PADS  
PAGE 242

ACCESSORIES  
PAGE 222

## High-Quality Air-Powered Disc Sanders

FOR ABRASIVE DISCS  
4-1/2" (114 mm) to  
5" (127 mm) diameters  
SEE PAGE 280

### Pistol Grip, .7 hp, Rear Exhaust

- Each model includes 50267 Disc Pad Assembly for center-hole abrasive discs, 4-1/2" to 5" in diameter.
- Gearless motor for reduced maintenance and downtime.
- Governor-controlled to maintain RPM under heavy load.
- Removable side handle.

**Model 50320 8,000 RPM**

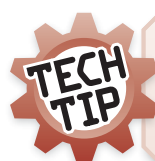
**Model 50321 11,000 RPM**



Model  
50320



Gearless



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



**Right:**  
50321 Pistol-Grip  
Disc Sander quickly  
and effectively removes  
excess fiberglass.



Model  
50321

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50320	.7 (522)	8,000	72 dB(A)	30 (850)	3/8 (10)	1/4" NPT	5/8"-11 Male	2.2 (1.0)	6-5/8 (168)	5-5/8 (143)
50321	.7 (522)	11,000	76 dB(A)	32 (906)	3/8 (10)	1/4" NPT	5/8"-11 Male	2.2 (1.0)	6-5/8 (168)	5-5/8 (143)

**Tune-Up Kit: No. 96047** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Right Angle, 1 hp, Rear Exhaust

- Extended muffler for reduced sound levels.
- Reversible side handle for left or right hand operation.

### 5/8"-11 Thread Models

**Model 52562 9,000 RPM**

- Includes 51150 Disc Pad Assembly.
- 5" diameter.

**Model 52561 11,000 RPM**

- Includes 51148 Disc Pad Assembly.
- 4-1/2" diameter.

### M14 Male Thread Models

- Ideal for use with 115 mm-127 mm diameter Disc Pads with M14 female thread (sold separately).

**Model 52564 9,000 RPM**

**Model 52565 11,000 RPM**



Model  
52561

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52561	1 (744)	11,000	76 dB(A)	41 (1,172)	3/8 (10)	3/8" NPT	5/8"-11 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52562	1 (744)	9,000	77 dB(A)	39 (1,116)	3/8 (10)	3/8" NPT	5/8"-11 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52564	1 (744)	9,000	77 dB(A)	39 (1,116)	3/8 (10)	3/8" NPT	M14x2 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52565	1 (744)	11,000	76 dB(A)	41 (1,172)	3/8 (10)	3/8" NPT	M14x2 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)

**Tune-Up Kit: No. 96532** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 5" & 7" Dia. Disc Sanders

## 1 hp and 1.2 hp Models



**DISC PADS**  
PAGE 242

**ACCESSORIES**  
PAGE 222

### High-Quality Air-Powered Disc Sanders

**FOR ABRASIVE DISCS**  
5" (127 mm),  
7" (178 mm) diameters  
SEE PAGE 280

#### 5" Diameter, Vertical, 1.2 hp, Side Exhaust

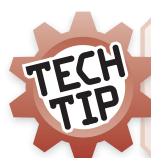
- Each model Includes 51150 Disc Pad Assembly (5" diameter).
- Powerful air motor is governor-controlled to maintain RPM under heavy load.
- Safety-lock throttle lever prevents accidental start-up.
- Side handle increases control and reduces hand fatigue.

**Model 50304** 8,500 RPM

**Model 50307** 11,000 RPM



Model  
50307



95462 Dynaswivel® air line connector is ideal for use with these tools. Dynaswivel® improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



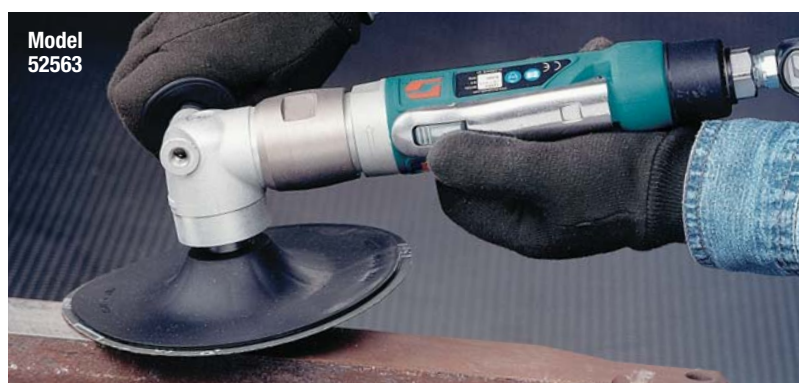
Model  
50304

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50304	1.2 (895)	8,500	71 dB(A)	32 (906)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.0 (1.8)	8 (203)	6 (152)
50307	1.2 (895)	11,000	75 dB(A)	36 (1,020)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.0 (1.8)	8 (203)	6 (152)

**Tune-Up Kit: No. 96041** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Model 52563 7" Diameter, 1 hp, Right Angle, 6,000 RPM, Rear Exhaust

- Includes 51151 Disc Pad Assembly (7" diameter).
- Air motor is governor-controlled to maintain RPM under heavy load.
- Lubricated gears increase durability.
- Side handle is reversible for left or right hand operation.
- Safety-lock throttle lever included.



Model  
52563

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52563	1 (744)	6,000	80 dB(A)	40 (1,127)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.1 (1.8)	11-11/16 (296)	3-3/4 (95)

**Tune-Up Kit: No. 96532** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 7" Dia. Disc Sanders

1.3 hp Model, Right Angle



DISC PADS  
PAGE 242

ACCESSORIES  
PAGE 222

*Lightweight Tool Delivers BIG Power and Performance*

FOR ABRASIVE DISCS  
7" (178 mm) diameter  
SEE PAGE 280

- *Ideal for grinding sheet metal, composites and carbon fiber. Perfect for large surfaces.*
- *Also utilized for sanding and deburring metal parts.*
- *Great for surface conditioning, plus removing paint, rust and mill finish.*

- Includes 51151 Backing Pad, 7" (178 mm) diameter, and flange.
- Tool accepts optional 7" (178 mm) diameter Abrasive Discs with 7/8" (22 mm) center hole.
- Quiet, robust air motor is governor-controlled to maintain consistent RPM under load.
- Convenient Spindle Lock allows quick and easy changing of backing pad or abrasive.
- "Wick Lube" System extends gear life with simple lubrication.
- Vibration dampening side handle is removable for left or right hand use.
- Exhaust system rotates 360° to ensure exhaust is always directed away from operator.
- Solid cast aluminum construction.
- Insulated throttle handle reduces cold air transmission to hand. Throttle Handle position is adjustable.



## 5/8"-11 Spindle Thread Models

**Model 52657** 6,000 RPM

**Model 52802** 7,200 RPM

**Model 53868** 8,500 RPM

## M14x2 Spindle Thread Models

**Model 52656** 6,000 RPM

**Model 53869** 8,500 RPM



*See page 90 for  
VACUUM Model!*

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52657	1.3 (969)	6,000	76 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.5 (2.0)	10 (255)	3-9/16 (90)
52802	1.3 (969)	7,200	78 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.5 (2.0)	10 (255)	3-9/16 (90)
53868	1.3 (969)	8,500	77 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.5 (2.0)	10 (255)	3-9/16 (90)
52656	1.3 (969)	6,000	76 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	M14x2	4.5 (2.0)	10 (255)	3-9/16 (90)
53869	1.3 (969)	8,500	79 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	M14x2	4.5 (2.0)	10 (255)	3-9/16 (90)

**Tune-Up Kit: No. 96100** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 7" Dia. Disc Sanders

## 2 hp and 3 hp Vertical Models



**DISC PADS**  
PAGE 242

**ACCESSORIES**  
PAGE 222

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

**FOR ABRASIVE DISCS**  
7" (178 mm) diameter  
SEE PAGE 280

- **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 226).



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

- Each model includes 50283 Backup Pad, 7" (178 mm) in diameter (see page 242). 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 53253**  
**8,500 RPM**

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



Model 53251



Model 53251



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

- Each model includes 50283 Backup Pad, 7" (178 mm) in diameter (see page 242). 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 53263**  
**8,500 RPM**

**Model 53262**  
**7,200 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 (2,464)	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:** 2 hp Models – No. 96552; 3 hp Models – No. 96553 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Right Angle Wet Sander

## Air-Powered Wet Rotary Sander

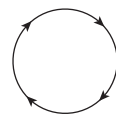


**DISC PADS**  
PAGE 240

**WET TANK**  
PAGE 255

### For Slow-Speed Material Removal

- All models run 5", 6", or 8" diameter polishing pads. Pads sold separately.
- Accepts variety of abrasive products including surface conditioning discs and film-backed discs.
- Water is fed through the center of pad directly to the work surface, providing optimum flushing of work surface and pad. This prevents buildup of sanding residue on the disc, allowing the tool to be used efficiently in any position. Independent water rinse allows flushing of the work surface without starting the tool.
- High torque air motor with variable speed. Rear exhaust muffler reduces noise levels.
- Safety-lock throttle and soft-grip handle (adjusts to left or right hand).



**Rotary Motion**  
(All models on page)



Model  
51474

Disc Pad Sold Separately  
(see page 240)

### Basic Models

- Includes pre-assembled hook-ups, 95848 Gear Oil (2.5 oz. tube) and 95541 Grease Gun.

**Model 51474** 0-2,000 RPM, 5/8"-11 Thread

**Model 51602** 0-2,000 RPM, M14 Thread

**Model 51476** 0-3,100 RPM, 5/8"-11 Thread

**Model 51603** 0-3,100 RPM, M14 Thread

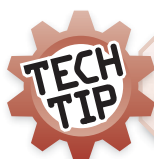
### Deluxe Models

- Includes pre-assembled hook-ups and overhose assembly to reduce sound level. Also includes 96323 Air Line (3/8"), 95848 Gear Oil (2.5 oz. tube) and 95541 Grease Gun.

**Model 51479** 0-2,000 RPM, 5/8"-11 Thread

**Model 51604** 0-2,000 RPM, M14 Thread

**Model 51605** 0-3,100 RPM, M14 Thread



After using your wet tool, wipe the tool down with a clean, dry rag and let dry. Then store the tool with the sanding pad face down.



Model  
51479

As 51479 is run, water is fed through pad center directly to work surface.

Model Number	Motor hp (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51474	.7 (522)	0-2,000	6 (152)	82 dB(A)	43 (1,218)	3/8 (10)	1/4" NPT	5/8"-11 Male	4.8 (2.2)	13 (330)	3-1/8 (79)
51476	.7 (522)	0-3,100	6 (152)	80 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	5/8"-11 Male	4.8 (2.2)	13 (330)	3-1/8 (79)
51479	.7 (522)	0-2,000	6 (152)	81 dB(A)	43 (1,218)	3/8 (10)	1/4" NPT	5/8"-11 Male	4.8 (2.2)	13 (330)	3-1/8 (79)
51602	.7 (522)	0-2,000	6 (152)	82 dB(A)	43 (1,218)	3/8 (10)	1/4" NPT	M14 Male	4.8 (2.2)	13 (330)	3-1/8 (79)
51603	.7 (522)	0-3,100	6 (152)	80 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	M14 Male	4.8 (2.2)	13 (330)	3-1/8 (79)
51604	.7 (522)	0-2,000	6 (152)	82 dB(A)	43 (1,218)	3/8 (10)	1/4" NPT	M14 Male	4.8 (2.2)	13 (330)	3-1/8 (79)
51605	.7 (522)	0-3,100	6 (152)	80 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	M14 Male	4.8 (2.2)	13 (330)	3-1/8 (79)

**Tune-Up Kit: No. 96178** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 2"-7" Dia. Vacuum Disc Sanders

## 7° Offset and Right Angle Models



VAC SHROUDS  
PAGE 221

DISC PADS  
PAGE 242

*Dynabrade's Vacuum Disc Sanders offer efficient material removal on non-metallic surfaces such as carbon fiber, composites, fiberglass, painted aluminum, coated parts and more. As tool is sanding, unique Vacuum Shroud captures dust, debris and contaminants (including Hexavalent Chromium) to external vacuum source – ensuring cleaner, safer workplace. An essential tool family for nuclear plants, aerospace, automotive, marine and transportation industries.*

FOR ABRASIVE DISCS  
2", 3", 5" and 7" diameters  
(25 mm, 76 mm, 127 mm, 178 mm)  
SEE PAGES 279-280

### DISC SANDERS



Model 51236  
2" (51 mm) Dia.  
Page 85



Model 51230  
2" (51 mm) Dia.  
Page 86



Model 50561  
3" (76 mm) Dia.  
Page 88



Model 52596  
5" (127 mm) Dia.  
Page 89



Model 52596  
5" (127 mm) Dia.  
Page 89

### Customers Tell the Story

From a fiberglass tank manufacturer:

*"We are extremely satisfied with these tools."*

From a yacht manufacturer:

*"Our operators are satisfied to the point where their sanding techniques now maximize the capture of contaminants."*

From a fiberglass fabricator:

*"Testing these tools has yielded excellent results."*





# 2" Dia. Vacuum Disc Sanders

.4 hp, 7° Offset Models, Rear Exhaust



VAC SHROUDS  
PAGE 221

DISC PADS  
PAGE 242

## Material Removal with Source Capture

- Flexible, non-marring Vacuum Shroud is constructed of high-quality clear urethane.
- Vacuum Shroud allows capture of dust, debris and contaminants such as Hexavalent Chromium.
- For use on **non-metallic materials**, such as fiberglass and composites.
- Shroud angle of 6° ensures ideal surface contact, for maximum dust extraction.
- Gearless motor design for reduced maintenance and downtime.
- Low profile design – tool height of only 3-7/8" (98 mm).
- Safety-lock throttle lever is standard on all models.

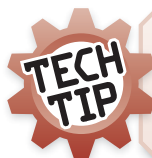
FOR ABRASIVE DISCS  
2" (25 mm) diameter  
SEE PAGE 279



## Self-Generated Vacuum Model

### Model 51235 25,000 RPM

- Includes 51344 Backing Pad, for 2" (51 mm) diameter locking-type abrasive discs.
- Utilizes tool's exhaust to create strong vacuum suction.
- 1" (25 mm) diameter vacuum port ready for connection to optional portable dust-collection system (see page 219).



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51235	.4 (298)	25,000	88 dB(A)	20 (556)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.3 (0.6)	9-3/4 (249)	3-7/8 (98)

Tune-Up Kit: No. 96049 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

## Central Vacuum Model

### Model 51236 25,000 RPM

- Includes 51344 Backing Pad, for 2" (51 mm) diameter locking-type abrasive discs.
- 1-1/4" (32 mm) diameter vacuum port allows connection to external or central vacuum system.



Vacuum Conversion Kits and Shrouds also Sold Separately! See Page 221.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51236	.4 (298)	25,000	78 dB(A)	20 (556)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.7 (0.7)	10-1/4 (261)	3-7/8 (98)

Tune-Up Kit: No. 96049 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 2" Dia. Vacuum Disc Sanders

.4 hp, Right Angle Models, Rear Exhaust



VAC SHROUDS  
PAGE 221

DISC PADS  
PAGE 242

## Material Removal with Source Capture

- Flexible, non-marring Vacuum Shroud is constructed of high-quality clear urethane.
- Vacuum Shroud allows capture of dust, debris and contaminants such as Hexavalent Chromium.
- For use on **non-metallic materials**, such as fiberglass and composites.
- Low profile design – tool height of only 3-1/2" (89 mm).
- "Wick Lube" system extends gear life with simple lubrication.
- Safety-lock throttle lever is standard on all models.

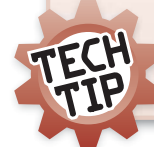
FOR ABRASIVE DISCS  
2" (25 mm) diameter  
SEE PAGE 279

## Self-Generated Vacuum Models

- Each model includes 51344 Backing Pad, for 2" (51 mm) diameter locking-type abrasive discs.
- Utilizes tool's exhaust to create strong vacuum suction.
- 1" (25 mm) diameter vacuum port ready for connection to optional portable dust-collection system (see page 219).



All models on page include 95848 Gear Oil and 95541 Gear Oil Gun. Simple lubrication extends gear life.



**Model 51225 12,000 RPM**

**Model 51226 15,000 RPM**

**Model 51227 20,000 RPM**

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51225	.4 (298)	12,000	88 dB(A)	20 (556)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.4 (0.6)	9 (228)	3-1/2 (90)
51226	.4 (298)	15,000	89 dB(A)	20 (556)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.4 (0.6)	9 (228)	3-1/2 (90)
51227	.4 (298)	20,000	88 dB(A)	20 (556)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.4 (0.6)	9 (228)	3-1/2 (90)

Tune-Up Kit: No. 96179 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

## Central Vacuum Models

- Each model includes 51344 Backing Pad, for 2" (51 mm) diameter locking-type abrasive discs.
- 1-1/4" (32 mm) diameter vacuum port allows connection to external or central vacuum system.

**Model 51230 12,000 RPM**

**Model 51231 15,000 RPM**

**Model 51232 20,000 RPM**



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51230	.4 (298)	12,000	82 dB(A)	20 (556)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.7 (0.7)	9-3/4 (249)	3-1/2 (90)
51231	.4 (298)	15,000	79 dB(A)	20 (556)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.7 (0.7)	9-3/4 (249)	3-1/2 (90)
51232	.4 (298)	20,000	81 dB(A)	20 (556)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.7 (0.7)	9-3/4 (249)	3-1/2 (90)

Tune-Up Kit: No. 96179 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 3" Dia. Vacuum Disc Sanders

.4 hp, Right Angle Models, Rear Exhaust



VAC SHROUDS  
PAGE 221

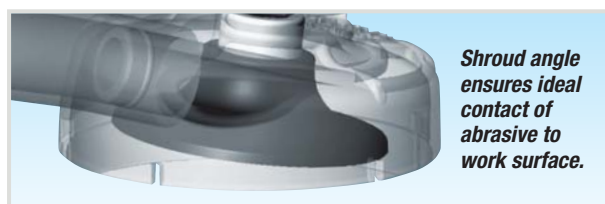
DISC PADS  
PAGE 242

FOR ABRASIVE DISCS  
3" (76 mm) diameter  
SEE PAGE 279

## Material Removal with Source Capture

### Self-Generated Vacuum Models

- Flexible, non-marring Vacuum Shroud allows capture of dust, debris and contaminants (including Hexavalent Chromium).
- Vacuum Shroud constructed of high-quality clear urethane. Unique "view port" allows operator to see edge of sanding disc, and offers optimum view of work surface.
- For use on **non-metallic materials**, such as fiberglass and composites.
- Utilizes tool's exhaust to create strong vacuum suction. 1" (25 mm) diameter vacuum port ready for connection to optional portable self-contained dust collection system (see page 219).
- Each model includes 51346 Backing Pad, for 3" (76 mm) diameter locking-type abrasive discs.
- "Wick Lube" system extends gear life with simple lubrication.



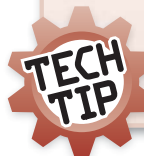
### Model 50210 Trimmed Shroud, 15,000 RPM

- Trimmed Shroud height of 1" (25 mm) accommodates 3" (76 mm) diameter locking-type abrasive discs (sold separately).



**Self-Generated Vacuum, Trimmed Shroud**

All models on page include 95848 Gear Oil and 95541 Gear Oil Gun. Simple lubrication extends gear life.

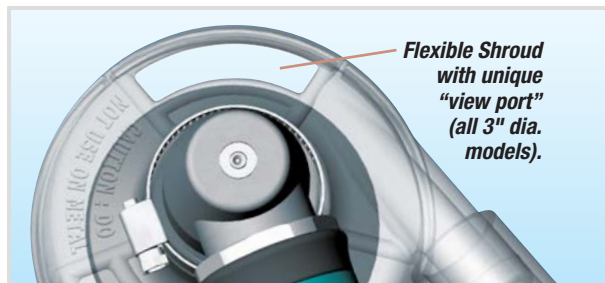


Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50210	.4 (298)	15,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.7 (0.7)	9-3/4 (249)	3-7/8 (98)

**Tune-Up Kit: No. 96179** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Model 50570 Standard Shroud, 15,000 RPM

- Standard Shroud height of 1-1/2" (38 mm) accommodates 2" (51 mm) diameter bristle-type discs (sold separately).
- Standard Shroud may also be trimmed for accommodating 3" (76 mm) locking-type coated abrasive and non-woven nylon discs.



**Self-Generated Vacuum, Standard Shroud**

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50570	.4 (298)	15,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.7 (0.7)	9-3/4 (249)	4-3/8 (109)

**Tune-Up Kit: No. 96179** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# 3" Dia. Vacuum Disc Sanders

.4 hp, Right Angle Models, Rear Exhaust



VAC SHROUDS  
PAGE 221

DISC PADS  
PAGE 242

## Material Removal with Source Capture

### Central Vacuum Models

- Flexible, non-marring Vacuum Shroud allows capture of dust, debris and contaminants (including Hexavalent Chromium) for cleaner, safer work environment.
- Vacuum Shroud constructed of high-quality clear urethane. Unique "view port" allows operator to see edge of sanding disc, and offers optimum view of work surface.
- Vacuum Shroud angle ensures ideal surface contact for maximum debris extraction.
- For use on **non-metallic materials**, such as fiberglass and composites.
- 1-1/4" (32 mm) diameter vacuum port ready for connection to external or central vacuum system.
- Each model includes 51346 Backing Pad, for 3" (76 mm) diameter locking-type abrasive discs.
- "Wick Lube" system extends gear life with simple lubrication.



Central Vacuum,  
Trimmed Shroud

All models on page include 95848 Gear Oil and 95541 Gear Oil Gun. Simple lubrication extends gear life.



### Model 50211 Trimmed Shroud, 15,000 RPM

- Trimmed Shroud height of 1" (25 mm) accommodates 3" (76 mm) diameter locking-type abrasive discs (sold separately).

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50211	.4 (298)	15,000	83 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.7 (0.7)	10-1/2 (266)	3-7/8 (98)

Tune-Up Kit: No. 96179 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

### Model 50561 Standard Shroud, 15,000 RPM

- Standard Shroud height of 1-1/2" (38 mm) accommodates 2" (51 mm) diameter bristle-type discs (sold separately).
- Standard Shroud may also be trimmed for accommodating 3" (76 mm) locking-type coated abrasive and non-woven nylon discs.



Central Vacuum,  
Standard Shroud



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50561	.4 (298)	15,000	83 dB(A)	21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.7 (0.7)	10-1/2 (266)	4-3/8 (109)

Tune-Up Kit: No. 96179 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# 5" Dia. Vacuum Disc Sander

1.3 hp, Right Angle Model



VAC SHROUD  
BELOW

DISC PADS  
PAGE 242

## Material Removal with Source Capture

- Flexible, non-marring Vacuum Shroud is constructed of high-quality clear urethane.
- Vacuum Shroud allows capture of dust, debris and contaminants such as Hexavalent Chromium.
- Shroud brush assists in capture of airborne contaminants.
- Ideal for use on **non-metallic surfaces** such as fiberglass and composites. A vital tool in the marine industry and aftermarket!

FOR ABRASIVE DISCS  
5" (127 mm) diameter  
SEE PAGE 280

### Model 52596

Central Vacuum, 12,000 RPM, 5/8"-11 Spindle

- Dynabrade 1.3 hp Disc Sander (52635) with 52744 Vacuum Shroud.
- Tool includes 51150 Backing Pad, 5" (127 mm) diameter, plus mounting hardware.
- Accepts optional 5" (127 mm) diameter Abrasive Discs with 7/8" (22 mm) center hole.
- Robust, governor-controlled 1.3 hp (970 W) air motor.
- Tool housing and handle made of solid cast aluminum.
- Insulated throttle handle reduces cold air transmission.
- Vacuum Shroud angle ensures ideal surface contact for maximum debris extraction.
- "Wick Lube" system extends gear life with simple lubrication.
- Includes 95848 Gear Oil and 95541 Gear Oil Gun.
- Tool includes vibration-dampening side handle.
- Safety-lock throttle lever is standard.



Model 52596



**WATCH this  
Disc Sander  
at Work!**

Vacuum Shroud with  
unique "View Port"

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52596	1.3 (970)	12,000	81 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	5/8"-11 Male	5.5 (2.5)	16 (410)	4 (100)

Tune-Up Kit: No. 96100 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



### Vacuum Shroud Assembly

- 52744 Vacuum Shroud Assembly is sold separately, for converting Dynabrade 52635 Disc Sander (page 77) into vacuum model.
- Individual components (as shown) also sold separately.

### 52744 Assembly



# 7" Dia. Vacuum Disc Sander

1.3 hp, Right Angle Model



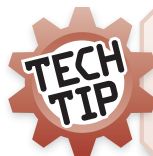
**COUPLER/PLUG**  
PAGE 228

**DISC PADS**  
PAGE 242

## Material Removal with Source Capture

- *Grind, Sand, Deburr, Finish*
- *For use on Non-Metallic Surfaces such as Carbon Fiber, Composites, Fiberglass, Turbine Blades, more*
- *Vacuum Shroud Captures Airborne Contaminants such as Hexavalent Chromium*

**FOR ABRASIVE DISCS**  
7" (178 mm) diameter  
SEE PAGE 280



The use of a Filter-Regulator-Lubricator will increase tool performance, extend tool life and lessen repair costs. (See page 224.)



1-1/4" diameter Swivel Cuff improves maneuverability!

Vibration Dampening Side Handle (for left or right hand use)

Model 52597

Includes Conductive Hose & Cuffs, to shield operator from electrostatic discharge (ESD)!

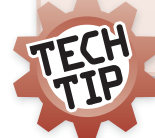
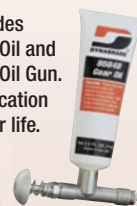
Vacuum Shroud with Unique "View Port"

## Model 52597

### Central Vacuum, 6,000 RPM, 5/8"-11 Spindle

- An essential tool for nuclear plants, aerospace, wind energy, automotive and marine markets.
- Tool accepts optional 7" (178 mm) diameter Abrasive Discs with 7/8" (22 mm) center hole.
- Includes 51151 Backing Pad, 7" (178 mm) in diameter, and flange.
- Lightweight non-marring Vacuum Shroud is constructed of high-quality clear urethane.
- 3/4" (19 mm) Shroud Brush assists in capture of airborne contaminants.
- Shroud has "View Port" which allows operator to see abrasive disc and work surface.
- Quiet, robust 1.3 hp air motor is governor-controlled to maintain consistent RPM under load.
- Convenient Spindle Lock allows quick and easy changing of backing pad or abrasive.
- "Wick Lube" System extends gear life with regular lubrication.
- 52747 Vacuum Shroud (7" dia.) is also available separately.

Model includes 95848 Gear Oil and 95541 Gear Oil Gun. Simple lubrication extends gear life.



Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52597	1.3 (969)	6,000	76 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	5/8"-11 Male	5.8 (2.6)	14-5/8 (373)	3-7/8 (104)

**Tune-Up Kit: No. 96100** (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



# Dynabrade Systems & Solutions

For Disc Sanders – Suggested Tool/Accessory Combinations



TOOL	ABRASIVE	ACCESSORIES	
<b>Disc Sander</b> <b>Model 48503</b> <i>7° Offset, 25,000 RPM, .4 hp Page 72</i> 	<b>2" Diameter Abrasive Discs Locking-Type</b> <i>Page 279</i> 	<b>Disc Sanding Pad 51344</b> <i>Locking-Type Page 242</i> 	<b>Overhose Assembly 94994</b> <i>Page 247</i> 
<b>Disc Sander</b> <b>Model 47822</b> <i>Right Angle, 20,000 RPM, .4 hp Page 73</i> 	<b>2" Diameter Abrasive Discs Locking-Type</b> <i>Page 279</i> 	<b>Disc Sanding Pad 51344</b> <i>Locking-Type Page 242</i> 	<b>DynaJet Blow Gun 94467</b> <i>Page 224</i> 
<b>Disc Sander</b> <b>Model 48531</b> <i>Right Angle, 15,000 RPM, .4 hp Page 74</i> 	<b>3" Diameter Abrasive Discs Locking-Type</b> <i>Page 279</i> 	<b>Disc Sanding Pad 51346</b> <i>Locking-Type Page 242</i> 	<b>Vacuum Shroud Kit 54603</b> <i>Page 221</i> 
<b>Pistol Grip Disc Sander</b> <b>Model 50321</b> <i>11,000 RPM, .7 hp Page 79</i> 	<b>4-1/2" - 5" Diameter Abrasive Discs Center Hole</b> <i>Page 280</i> 	<b>Disc Pad Assembly 50267</b> <i>Page 242</i> 	<b>Motor Tune-Up Kit 96047</b> <i>Page 267</i> 
<b>Disc Sander</b> <b>Model 52563</b> <i>Right Angle, 6,000 RPM, 1 hp Page 80</i> 	<b>7" Diameter Abrasive Discs Center Hole</b> <i>Page 280</i> 	<b>Disc Sanding Pad 51151</b> <i>Page 242</i> 	<b>Gear Oil 95848</b> <i>Page 254</i> 

DISC SANDERS

## ESSENTIAL ACCESSORIES

<b>Metal Capture Downdraft Station</b> <b>64350</b> <i>Page 208</i> 	<b>Air Lube (10W/NR)</b> <b>95842</b> <i>Page 254</i> 	<b>Dynüba 100</b> <b>60005</b> <i>Page 254</i> 	<b>Dynaswivel®</b> <b>94300</b> <i>Page 223</i> 	<b>Filter-Regulator-Lubricator</b> <b>10681</b> <i>Page 224</i> 
		<b>Dynüba 26</b> <b>60020</b> <i>Page 254</i> 	<b>Coupler/Plug Assemblies</b> <b>95676, 97572</b> <i>Page 228</i> 	<b>Air Hose Assemblies</b> <b>94863, 94852, 94892</b> <i>Page 225</i> 