

Grinders

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Continued Leadership In Portable Abrasive Power Tool Technology
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Depressed Center Wheel Grinders

Air-Powered Grinders, 2" and 3" Diameter

**ABRASIVE
CAPACITY**
**TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS**
2", 3" Dia. (51 mm, 76 mm)

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

2" Diameter, Right Angle, .4 hp, Rear Exhaust

- Each model includes 90999 Depressed Center Wheel (24 grit), 2" diameter with 3/8" center hole. Guard and wheel flange set also included.
- Compact, short muffler design.
- Optional 01462 Safety-Lock Throttle is available.

Model 52710 12,000 RPM
Model 52711 15,000 RPM
Model 52712 20,000 RPM


Model 52710

3" Diameter, Right Angle, .55 hp, Rear Exhaust

Model 57127 15,000 RPM

- Accepts optional 3" diameter Type 27 Depressed Center Wheel, with 3/8" center hole (wheel width of 1/8" to 1/4").
- Powerful high-torque grinding action; standard muffler for reduced sound levels.
- Gearless design for reduced maintenance and downtime.
- Removable side handle. Also includes safety-lock throttle lever, plus guard and wheel flange set.


Gearless

 Model
57127

 Wheel Sold
Separately

3" Diameter, 7° Offset, .7 hp, Front Exhaust

Model 52700 18,000 RPM

- Accepts optional 3" diameter Type 27 Depressed Center Wheels, with 3/8" center hole (wheel width of 1/8" to 1/4").
- Powerful high-torque grinding action.
- Gearless design for reduced maintenance and downtime.
- Handle is offset 7° for enhanced operator comfort.
- Removable side handle; guard and wheel flange set included.
- Easily converts to 1/4" Die Grinder (with optional 50010 Collet), or Drill (with optional 53032 Chuck).


 Use ONLY Type 27 Reinforced
Depressed Center Wheels
(sold separately, unless noted)
with these models.


Model 52700

 Wheel Sold
Separately

Gearless
Important: Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52700	.7 (522)	18,000	86 dB(A)	32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	7-1/4 (184)	4-1/2 (114)
52710	.4 (298)	12,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	3 (76)
52711	.4 (298)	15,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	3 (76)
52712	.4 (298)	20,000	87 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	3 (76)
57127	.55 (410)	15,000	83 dB(A)	33 (934)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.9 (.8)	6 (152)	3-7/8 (98)

Tune-Up Kits: 2" Diameter Models - **96179**; 52700 - **96045**; 57127 - **96522** (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)


Depressed Center Wheel Grinders

Air-Powered Grinders, 3" and 4" Diameter

**ABRASIVE
CAPACITY**
**TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS**
3", 4" Dia. (89 mm, 102 mm)

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

3" Diameter, Right Angle, .4 hp, Rear Exhaust

Model 52705 15,000 RPM

- Accepts optional 3" diameter Type 27 Reinforced Depressed Center Wheel, with 3/8" center hole (wheel width of 1/8" to 1/4").
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime (following proper maintenance procedures).
- 15,000 RPM air motor has Kevlar® phenolic vanes for longer life.
- Air passage continually cools gear box to reduce wear and heat buildup.
- Safety-lock throttle lever, wheel guard and flanges are included.



Model 52705

Wheel Sold Separately

4" Diameter, Right Angle, .4 hp, Rear Exhaust

Model 52706 12,000 RPM

- Accepts optional 4" diameter Type 27 Reinforced Depressed Center Grinding Wheel, with 5/8" center hole (wheel width of 1/8" to 1/4").
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime (following proper maintenance procedures).
- 12,000 RPM air motor has Kevlar® phenolic vanes for longer life.
- Air passage continually cools gear box to reduce wear and heat buildup.
- Safety-lock throttle lever, wheel guard and flanges are included.



Model 52706

Wheel Sold Separately

4" Diameter, Right Angle, 1 hp, Rear Exhaust

Model 50302 12,000 RPM

- Accepts optional 4" diameter Type 27 Depressed Center Wheel, with 5/8" center hole (wheel width of 1/8" to 1/4").
- Powerful high-torque grinding action; standard muffler for reduced sound levels.
- Reversible side handle for left or right hand operation.



Always use required wheel guard. Never remove a guard that is specified for a tool.



Model 50302

Wheel Sold Separately

Important: Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50302	1 (744)	12,000	78 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.5 (2.0)	11-3/4 (299)	3-5/8 (92)
52705	.4 (298)	15,000	79 dB(A)	24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.6 (0.7)	8-1/4 (210)	2-5/8 (67)
52706	.4 (298)	12,000	81 dB(A)	23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	7-1/2 (189)	3 (76)

Tune-Up Kits: 50302 - No. 96532; 52705, 52706 - No. 96179; (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



Depressed Center Wheel Grinders

Electric & Air-Powered Grinders, 4-1/2" - 5" Diameter

**ABRASIVE
CAPACITY**
**TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS**
 4-1/2" - 5" Dia.
 (114 mm - 127 mm)

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

4-1/2" - 5" Diameter, Pistol Grip, .7 hp, Rear Exhaust

Model 50340 11,000 RPM

- Accepts optional Type 27 Depressed Center Wheel in diameters of 4-1/2" and 5", with 7/8" center hole. (Wheel width of 1/8" to 1/4".)
- Governor controlled motor to maintain RPM under heavy load.
- Gearless design for reduced maintenance and downtime.
- Removable side handle, guard and wheel flange set included.



Use ONLY Type 27 Reinforced Depressed Center Wheels (sold separately, unless noted) with these models.



Model 50340

Wheel Sold Separately



Gearless

4-1/2" - 5" Diameter, Right Angle, 12,000 RPM

- All models accept optional Type 27 Depressed Center Wheel in diameters of 4-1/2" and 5", with 7/8" center hole (wheel width of 1/8" to 1/4").
- Standard muffler for reduced sound levels.
- Reversible handle for right or left hand operation.
- Guard and wheel flange set included. Safety-lock throttle lever.

Model 50306

1 hp, 5/8"-11 Male Spindle, Rear Exhaust

Model 50308

1 hp, M14 Male Spindle, Rear Exhaust

Model 50346

1.2 hp, 5/8"-11 Male Spindle, Side Exhaust



Model 50346

Wheel Sold Separately

Important: Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50306	1 (744)	12,000	78 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.8 (2.2)	11-3/4 (299)	3-13/16 (98)
50308	1 (744)	12,000	78 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	M14 Male	4.8 (2.2)	11-3/4 (299)	3-13/16 (98)
50340	.7 (522)	11,000	79 dB(A)	32 (906)	3/8 (10)	1/4" NPT	5/8"-11 Male	4.6 (2.1)	8 (203)	6-5/8 (168)
50346	1.2 (893)	12,000	87 dB(A)	41 (1,161)	1/2 (15)	1/2" NPT	5/8"-11 Male	5.7 (2.6)	11-3/4 (298)	4-5/8 (118)

Tune-Up Kits: 50306, 50308 - No. 96532; 50340 - No. 96047; 50346 - No. 96042 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



FASTTRACK

Accessories: Page 159

Depressed Center Wheel Grinders

Air-Powered Grinders, 4-1/2" - 5" Diameter

ABRASIVE CAPACITY
TYPE 27 REINFORCED DEPRESSED CTR. WHEELS
 4-1/2" - 5" Dia.
 (114 mm - 127 mm)

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

4-1/2" - 5" Diameter, Vertical, 1.2 hp, Side Exhaust

Model 50303 12,000 RPM

- Accepts optional Type 27 Depressed Center Wheel in diameters of 4-1/2" and 5", with 7/8" center hole (wheel width of 1/8" to 1/4").
- Powerful air motor is governor-controlled to maintain RPM under heavy load.
- Gearless for reduced maintenance and downtime.
- Safety-lock throttle lever prevents accidental startup. Side handle increases safety and reduces hand fatigue.
- Guard and wheel flange set included.



5" Diameter, Right Angle, 1.3 hp, Rear Exhaust

- Each model accepts optional 5" diameter Type 27 Depressed Center Wheel, with 7/8" center hole (wheel width of 1/8" to 1/4").
- High-torque air motor.
- Gearless design for reduced maintenance and downtime.
- Thermal-insulated handle reduces cold air transmission.

Model 52620 12,000 RPM, 5/8"-11 Spindle Thread

Model 52625 12,000 RPM, M14 Spindle Thread

- M14x2 male thread is ideal setup for 3M Green Corps™ Wheels.



Use **ONLY** Type 27 Reinforced Depressed Center Wheels (sold separately, unless noted) with these models.



Always use required wheel guard. Never remove a guard that is specified for a tool.



52620 Depressed Center Wheel Grinder takes down a weld.

Green Corps is a trademark of 3M Company

Important: Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50303	1.2 (895)	12,000	84 dB(A)	38 (1,076)	1/2 (13)	1/2" NPT	5/8"-11 Male	5.4 (2.4)	8 (203)	6-5/8 (168)
52620	1.3 (967)	12,000	85 dB(A)	50 (1,416)	1/2 (13)	3/8" NPT	5/8"-11 Male	5.5 (2.5)	10-7/16 (265)	4-7/16 (112)
52625	1.3 (967)	12,000	85 dB(A)	50 (1,416)	1/2 (13)	3/8" NPT	M14x2	5.5 (2.5)	10-7/16 (265)	4-7/16 (112)

Tune-Up Kits: 50303 - No. 96011; 52620, 52625 - No. 96504 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



Depressed Center Wheel Grinders

Air-Powered Grinders, 7" Diameter

**ABRASIVE
CAPACITY**
**TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS**
7" (178 mm) Diameter

For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

7" Diameter, Right Angle, 1.2 hp, Side Exhaust

Model 50350 6,000 RPM

- Accepts optional 7" diameter Type 27 Depressed Center Wheel, with 7/8" center hole (wheel width of 1/8" to 1/4").
- Includes 11399 Type 27 Wheel Mounting Adapter Kit, with front and rear flange plus hex wrench.
- Optional 52190 Guard is available, for left hand operation.



Model 50350

Wheel Sold Separately

7" Diameter, Vertical, 2 hp, Side Exhaust

- Each model accepts optional 7" diameter Type 27 Depressed Center Wheel, with 7/8" center hole (wheel width of 1/8" to 1/4").
- Includes 11399 Type 27 Wheel Mounting Adapter Kit, with front and rear flange plus hex wrench.

Model 52452 6,000 RPM

Model 52453 7,200 RPM

Model 52455 8,500 RPM



Always use required wheel guard. Never remove a guard that is specified for a tool.

Model 52452


Wheel Sold Separately

7" Diameter, Right Angle, 2 hp, Side Exhaust

Model 50348 6,000 RPM

- Accepts optional 7" diameter Type 27 Depressed Center Wheel, with 7/8" center hole (wheel width of 1/8" to 1/4").
- Includes 11399 Type 27 Wheel Mounting Adapter Kit, with front and rear flange plus hex wrench.
- Powerful air motor is governor-controlled to maintain RPM under heavy load, and to insure smooth operation. Lubricated gears increase durability.
- Safety-lock throttle lever prevents accidental startup. Side handle enhances operator control. Rubber insulated grip reduces cold on operator's hand.



Model 50348

Wheel Sold Separately

Important: Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50348	2.0 (1,491)	6,000	86 dB(A)	64 (1,812)	1/2 (13)	1/2" NPT	5/8"-11 Male	8.6 (3.9)	13-3/4 (349)	5-1/4 (132)
50350	1.2 (893)	6,000	83 dB(A)	43 (1,218)	1/2 (13)	1/2" NPT	5/8"-11 Male	6.8 (3.1)	11-3/4 (298)	4-5/8 (118)
52452	2.0 (1,491)	6,000	82 dB(A)	61 (1,728)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.4 (4.2)	13 (330)	8-1/4 (210)
52453	2.0 (1,491)	7,200	84 dB(A)	66 (1,869)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.4 (4.2)	13 (330)	8-1/4 (210)
52455	2.0 (1,491)	8,500	86 dB(A)	73 (2,067)	1/2 (13)	1/2" NPT	5/8"-11 Male	9.4 (4.2)	13 (330)	8-1/4 (210)

Tune-Up Kits: 50348 - No. 96043; 50350 - No. 96042; 52452-52455 - No. 96259 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



Type 1 Wheel Grinders

Air-Powered Grinders, 3 and 4" Diameter

ABRASIVE CAPACITY
REINFORCED TYPE 1 GRINDING WHEELS
 3" and 4" Diameters
 (76 mm and 102 mm)

Clean Metal, Grind and Smooth Weld Seams, Remove Imperfections Prior to Painting

3" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 3" diameter Type 1 Wheel, with 3/8" center hole (maximum wheel width of 1/2").
- Governor-controlled motor maintains RPM under heavy load; rear exhaust.
- Safety-lock lever is included on all models.
- Standard cushioned grip enhances operator comfort and control.

Model 52376 12,000 RPM

Model 52377 15,000 RPM

Model 52378 18,000 RPM



Always use required wheel guard. Never remove a guard that is specified for a tool.



Model 52376

Wheel Sold Separately

4" Diameter, Straight Line, 1 hp

- Each model accepts optional 4" diameter Type 1 Wheel, with 3/8" center hole (maximum wheel width of 1/4").
- Governor-controlled motor maintains RPM under heavy load; rear exhaust.
- Safety-lock lever is included on all models.

Model 52373 12,000 RPM

Model 52374 15,000 RPM



Model 52373

Wheel Sold Separately

4" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 4" diameter Type 1 Wheel, with 3/8" center hole (maximum wheel width of 1/4").
- Governor-controlled motor maintains RPM under heavy load; rear exhaust.
- Safety-lock lever is included on all models.
- Standard cushioned grip enhances operator comfort and allows additional control.

Model 52379 12,000 RPM

Model 52380 15,000 RPM



Model 52379

Wheel Sold Separately

Important: Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52373	1.0 (744)	12,000	82 dB(A)	38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.7 (1.2)	8-5/8 (218)	4-1/2 (113)
52374	1.0 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.8 (1.3)	9-3/4 (248)	4-1/2 (113)
52376	1.0 (744)	12,000	82 dB(A)	38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	3-1/2 (89)
52377	1.0 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	3-1/2 (89)
52378	1.0 (744)	18,000	84 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	3-1/2 (89)
52379	1.0 (744)	12,000	82 dB(A)	38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	4-1/2 (113)
52380	1.0 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	4-1/2 (113)

Tune-Up Kit: No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



Cone or Plug Wheel Grinders

Air-Powered Grinders

**ABRASIVE
CAPACITY**
CONE OR PLUG WHEELS
 1-1/4" (32 mm) Diameter

Clean Metal, Grind and Smooth Weld Seams, Remove Imperfections Prior to Painting

Straight Line, 1 hp, Rear Exhaust

- Each model accepts optional Abrasive Cone or Plug Wheel, 1-1/4" diameter.
- Governor-controlled motor maintains RPM under heavy load.
- Safety-lock lever is included on all models.
- Industrial applications in fabrication plants, welding shops, foundries, steel mills and shipyards.

Model 52715 12,000 RPM

Model 52716 15,000 RPM

Model 52717 18,000 RPM

Model 52718 20,000 RPM



Straight Line, 1 hp, Rear Exhaust, 6" Extension

- Each model accepts optional Abrasive Cone or Plug Wheel, 1-1/4" diameter.
- Governor-controlled motor maintains RPM under heavy load.
- Safety-lock lever is included on all models.
- Standard cushioned grip enhances operator comfort and offers additional control.
- Industrial applications in fabrication plants, welding shops, foundries, steel mills and shipyards.

Model 52719 12,000 RPM

Model 52720 15,000 RPM

Model 52721 18,000 RPM

Model 52722 20,000 RPM



All models can be converted to 5/8"-11 thread with 53652 cone or plug adapter.

Important: Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52715	1 (744)	12,000	82 dB(A)	38 (1,076)	3/8" NPT	3/8 (10)	3/8"-24 Male	2.0 (.9)	7-3/4 (198)	1-7/8 (48)
52716	1 (744)	15,000	80 dB(A)	39 (1,104)	3/8" NPT	3/8 (10)	3/8"-24 Male	2.0 (.9)	8-7/8 (225)	1-7/8 (48)
52717	1 (744)	18,000	81 dB(A)	40 (1,133)	3/8" NPT	3/8 (10)	3/8"-24 Male	2.0 (.9)	8-7/8 (225)	1-7/8 (48)
52718	1 (744)	20,000	80 dB(A)	44 (1,256)	3/8" NPT	3/8 (10)	3/8"-24 Male	2.0 (.9)	8-7/8 (225)	1-7/8 (48)
52719	1 (744)	12,000	82 dB(A)	38 (1,076)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	13-1/4 (335)	1-7/8 (48)
52720	1 (744)	15,000	80 dB(A)	39 (1,104)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	14-3/8 (365)	1-7/8 (48)
52721	1 (744)	18,000	81 dB(A)	40 (1,133)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	14-3/8 (365)	1-7/8 (48)
52722	1 (744)	20,000	80 dB(A)	44 (1,256)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	14-3/8 (365)	1-7/8 (48)

Tune-Up Kit: No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



Cut-Off Wheel Tools

Air-Powered Cutting Tools, 3" Diameter

**ABRASIVE
CAPACITY**
**TYPE 1
CUT-OFF WHEELS**
3" (76 mm) Diameter

For Efficient Cutting of Sheet Metal, Frame Rails, Clamps, Bolts, etc.

3" Diameter, Right Angle, .4 hp

Model 52439 12,000 RPM

- Accepts optional 3" diameter Type 1 Cut-Off Wheels.
- Compact size is ideal for hard-to-trim areas.
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime (following proper maintenance procedures).
- Safety-lock lever is included; rear exhaust.



3" Diameter, Straight Line, .5 hp, 20,000 RPM

- Each model accepts optional 3" diameter Type 1 Cut-Off Wheels.
- Gearless motor design for reduced maintenance and downtime.
- Safety-lock lever is included.

Model 52434 Front Exhaust

Model 52435 Rear Exhaust



3" Diameter, 7° Offset, .5 hp, 20,000 RPM

Model 52420 Front Exhaust

- Accepts optional 3" diameter Type 1 Cut-Off Wheels.
- Gearless motor design for reduced maintenance and downtime.
- Safety-lock lever is included.



Always use required wheel guard. Never remove a guard that is specified for a tool.



3" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 3" diameter Type 1 Cut-Off Wheels.
- Gearless motor design for reduced maintenance and downtime.
- Governor-controlled motor maintains RPM under heavy load.
- Safety-lock lever is included; rear exhaust.

Model 52576 15,000 RPM

Model 52577 18,000 RPM

Model 52578 20,000 RPM



Important: Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52420	.5 (373)	20,000	85 dB(A)	28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	6 (152)	5-1/2 (140)
52434	.5 (373)	20,000	84 dB(A)	27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6-3/8 (162)	3-1/8 (79)
52435	.5 (373)	20,000	80 dB(A)	27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/2 (216)	3-1/8 (79)
52439	.4 (306)	12,000	86 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.6 (0.7)	8-1/2 (216)	3-1/8 (79)
52576	1 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.0 (1.8)	14-7/8 (379)	3-1/8 (79)
52577	1 (744)	18,000	84 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.0 (1.8)	14-7/8 (379)	3-1/8 (79)
52578	1 (744)	20,000	88 dB(A)	44 (1,256)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.0 (1.8)	14-7/8 (379)	3-1/8 (79)

Tune-Up Kit: 52420, 52435 - No. 96044; 52434 - No. 95600; 52439 - No. 96179; 52576-52578 - No. 96532 (page 192) • Air Pressure 90 PSIG (6.2 Bar)



Cut-Off Wheel Tools

Air-Powered Cutting Tools, 4" Diameter

ABRASIVE CAPACITY
TYPE 1
CUT-OFF WHEELS
 4" (102 mm) Diameter

For Efficient Cutting of Sheet Metal, Frame Rails, Clamps, Bolts, etc.

4" Diameter, 7° Offset, .7 hp, Front Exhaust

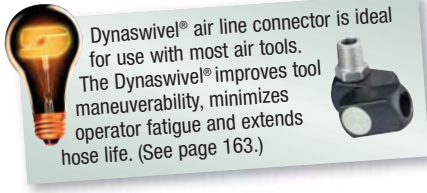
- Each model accepts optional 4" diameter Type 1 Cut-Off Wheels.
- Gearless motor design for reduced maintenance and downtime.
- Tool handle is offset 7° for greater operator comfort.
- Safety-lock lever is included; rear exhaust.

Model 52430

15,000 RPM

Model 52431

20,000 RPM



4" Diameter, Straight Line, 1 hp, Rear Exhaust

- Each model accepts optional 4" diameter Type 1 Cut-Off Wheels, with 3/8" center hole. (Wheel width of 1/32" - 1/8".)
- Governor controlled motor to maintain RPM under heavy load.
- Safety-lock lever is included.

Model 52573 15,000 RPM

Model 52574 20,000 RPM



4" Diameter, Straight Line, 1 hp, 6" Extension

- Each model accepts optional 4" diameter Type 1 Cut-Off Wheels.
- Governor controlled motor to maintain RPM under heavy load.
- Safety-lock lever is included; rear exhaust.

Model 52579 15,000 RPM

Model 52580 20,000 RPM



Important: Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52430	.7 (522)	15,000	91 dB(A)	32 (906)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.7 (1.2)	7-3/8 (187)	4-3/4 (121)
52431	.7 (522)	20,000	91 dB(A)	36 (1,020)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.7 (1.2)	7-3/8 (187)	4-3/4 (121)
52573	1 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.5 (1.1)	9-3/8 (238)	4-1/2 (113)
52574	1 (744)	18,000	84 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.5 (1.1)	9-3/8 (238)	4-1/2 (113)
52579	1 (744)	15,000	83 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.1 (1.8)	14-7/8 (379)	4-1/2 (113)
52580	1 (744)	18,000	84 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.1 (1.8)	14-7/8 (379)	4-1/2 (113)

Tune-Up Kits: .7 hp models - No. 96045; 1 hp Models - No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



Vacuum Cut-Off Wheel Tools

Air-Powered Cutting Tools, 3" - 5" Diameter

ABRASIVE CAPACITY
TYPE 1 / DIAMOND CUT-OFF WHEELS
 3" - 5" Diameter
 (76 mm - 127 mm))

For Efficient Cutting With Dust and Debris Removal

3" Diameter, Right Angle, .4 hp, 12,000 RPM

Model 52538 Rear Exhaust

- Ideal for use with optional 3" diameter Diamond Cut-Off Wheels.
- Adjustable wheel guard has vacuum port (1" outside diameter) that diverts airborne dust and debris to optional vacuum source.
- Non-marring composite base is removable to utilize maximum blade depth of 11/16". Optional 52646 composite base is available for gel coat notching.
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime.
- Safety-lock lever is included.



4-1/2" Diameter, 7° Offset, .7 hp, 20,000 RPM

Model 52436 Rear Exhaust

- Ideal for use with optional 94912 Diamond Cut-Off Wheel (4-1/2" diameter). Diamond Cut-Off Wheels are slotted for cooler running and longer life.
- Adjustable wheel guard has vacuum port (1" outside diameter) that diverts airborne dust and debris to optional vacuum source.
- Blade depth exposure of 1-3/16".
- Tool includes cushioned, soft-grip side handle.
- Handle is offset 7° for greater operator comfort and control.



5" Diameter, Right Angle, 1 hp, 12,000 RPM

Model 52438 Rear Exhaust

- Ideal for use with optional 5" diameter Diamond Cut-Off Wheels.
- Adjustable wheel guard has vacuum port (1-1/4" outside diameter) that diverts airborne dust and debris to optional vacuum source.
- Powerful, high-quality air motor is effective for cutting through metals, thick fiberglass over-wrap and fiber spray.
- Blade guide allows operator to expose up to 1-1/8" depth of Cut-Off Wheel if required.
- Safety-lock lever is included.



Important: Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52436	.7 (522)	20,000	92 dB(A)	32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.7 (1.2)	7-3/8 (187)	5-1/4 (133)
52438	1 (746)	12,000	83 dB(A)	40 (1,138)	3/8 (10)	3/8" NPT	3/8"-24 Male	6.7 (3.0)	14-5/8 (371)	4-1/2 (114)
52538	.4 (306)	12,000	86 dB(A)	21 (595)	3/8 (10)	1/4" NPT	3/8"-24 Male	2 (.97)	8-5/8 (219)	4-3/8 (111)

Tune-Up Kits: 52436 - No. 96045; 52438 - No. 96532; 52538 - No. 96179 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

