

Depressed Center Wheel Grinders

Air-Powered Grinders, 2" and 3" Diameter



COUPLER/PLUG
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ACCESSORIES
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For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

**FOR TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS**
2", 3" Dia. (51 mm, 76 mm)
SEE PAGE 281

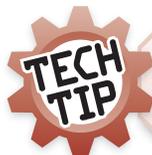
2" Diameter, Right Angle, .4 hp, Rear Exhaust

- Each model includes 90999 Type 27 Reinforced Depressed Center Wheel (24 grit), 2" diameter with 3/8" center hole (maximum wheel width of 3/16").
- Compact, short muffler design.
- Safety-lock throttle lever, wheel guard and flanges are included.

Model 52710 12,000 RPM

Model 52711 15,000 RPM

Model 52712 20,000 RPM



NEVER remove required Wheel Guard from Depressed Center Wheel Grinder.



Model 52710

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.
- Extended rear exhaust muffler design.



Model 52705

Wheel Sold Separately

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

Model 57127 15,000 RPM

- Accepts optional 3" diameter Type 27 Reinforced Depressed Center Wheel, with 3/8" center hole (maximum wheel width of 1/8").
- 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

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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52705	.4 (298)	15,000	77 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)
52710	.4 (298)	12,000	83 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-3/4 (146)	3 (76)
52711	.4 (298)	15,000	85 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-3/4 (146)	3 (76)
52712	.4 (298)	20,000	84 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-3/4 (146)	3 (76)
57127	.55 (410)	15,000	84 dB(A)	33 (934)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.9 (0.8)	6 (152)	3-7/8 (98)

Tune-Up Kit: 52705, 52710, 52711, 52712 – No. 96179; 57127 – No. 96522 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

GRINDERS

Depressed Center Wheel Grinders

Air-Powered Grinders, 3" Diameter



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

FOR TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS
3" (76 mm) Diameter
SEE PAGE 281

- Models accept optional 3" diameter Type 27 reinforced Depressed Center Wheels, 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.
- Adjustable wheel guard provides maximum operator protection.
- Safety-lock lever is included.



Model 54767

Wheel Sold Separately



Model 54769

Wheel Sold Separately

Composite Housing Models

Right Angle, .7 hp, Rear Exhaust

- Models include aluminum right angle head.

Model 54767 18,000 RPM

- Includes side handle for left or right-hand use.

Model 54769 18,000 RPM, Extended

- Extension design allows longer reach on work piece, and two-hand control for added comfort.

Steel Housing Models

Right Angle, .7 hp, Rear Exhaust

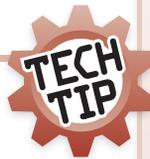
- Steel housings offer increased durability!
- Models include steel right angle housing.

Model 54783 18,000 RPM

- Includes side handle for left or right-hand use.

Model 54785 18,000 RPM, Extended

- Extension design allows longer reach on work piece, and two-hand control for added comfort.



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



Model 54783

Wheel Sold Separately



Model 54785

Wheel Sold Separately

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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
54767	.7 (522)	18,000	81 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.8 (1.3)	8 (202)	3 (76)
54769	.7 (522)	18,000	82 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.4 (1.5)	11-3/8 (288)	3 (76)
54783	.7 (522)	18,000	80 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.6 (1.6)	8-1/16 (204)	3 (76)
54785	.7 (522)	18,000	80 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	3/8"-24 Male	4.0 (1.8)	11-7/16 (290)	3 (76)

Tune-Up Kit: Composite – No. 96680; Steel – No. 98623 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Depressed Center Wheel Grinders

Air-Powered Grinders, 3" and 4" Diameter



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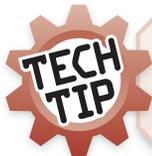
For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

FOR TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS
3", 4" Dia. (76 mm, 102 mm)
SEE PAGE 281

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

Model 52700 18,000 RPM

- Accepts optional 3" diameter Type 27 Reinforced 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 Depressed Center Wheel Grinders.



Model 52700



Gearless

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. Tool includes 95848 Gear Oil and 95541 Gear Oil Gun.
- 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.
- Extended rear exhaust muffler design.



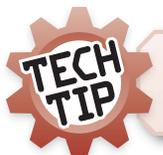
Model 52706

Wheel Sold Separately

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

Model 50302 12,000 RPM

- Accepts optional 4" diameter Type 27 Reinforced Depressed Center Wheel, with 5/8" center hole (wheel width of 1/8" to 1/4").
- Powerful high-torque grinding action; extended rear muffler ensures lowest sound level.
- 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 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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50302	1 (744)	12,000	76 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)
52700	.7 (522)	18,000	83 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)
52706	.4 (298)	12,000	78 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 Kit: 50302 – No. 96532; 52700 – No. 96045; 52706 – No. 96179 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Depressed Center Wheel Grinders

Air-Powered Grinders, 4" Diameter



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

FOR TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS
4" (102 mm) Diameter
SEE PAGE 281

- Models accepts optional 4" diameter Type 27 reinforced Depressed Center Wheels, 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.
- Adjustable wheel guard provides maximum operator protection.
- Safety-lock lever is included.



Model 54771



Model 54773

Wheel Sold Separately

Composite Housing Models

Right Angle, .7 hp, Rear Exhaust

- Models include aluminum right angle head.

Model 54771 12,000 RPM

Model 54775 13,500 RPM

- Each model includes side handle for left or right-hand use.

Model 54773 12,000 RPM, Extended

Model 54777 13,500 RPM, Extended

- Extension design allows longer reach on work piece, and two-hand control for added comfort.

Wheel Sold Separately

Steel Housing Models

Right Angle, .7 hp, Rear Exhaust

- Steel housings offer increased durability!
- Models include steel right angle housing.

Model 54787 12,000 RPM

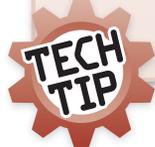
Model 54791 13,500 RPM

- Each model includes side handle for left or right-hand use.

Model 54789 12,000 RPM, Extended

Model 54793 13,500 RPM, Extended

- Extension design allows longer reach on work piece, and two-hand control for added comfort.



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



Model 54791

Wheel Sold Separately



Model 54793

Wheel Sold Separately

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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
54771	.7 (522)	12,000	83 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.9 (1.3)	8 (202)	3-1/16 (78)
54773	.7 (522)	12,000	81 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.5 (1.6)	11-3/8 (288)	3-1/16 (78)
54775	.7 (522)	13,500	83 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.9 (1.3)	8 (202)	3-1/16 (78)
54777	.7 (522)	13,500	80 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.5 (1.6)	11-3/8 (288)	3-1/16 (78)
54787	.7 (522)	12,000	83 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.7 (1.7)	8-1/16 (204)	3-1/16 (78)
54789	.7 (522)	12,000	79 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	4.2 (1.9)	11-7/16 (290)	3-1/16 (78)
54791	.7 (522)	13,500	84 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.7 (1.7)	8-1/16 (204)	3-1/16 (78)
54793	.7 (522)	13,500	80 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	4.2 (1.9)	11-7/16 (290)	3-1/16 (78)

Tune-Up Kit: Composite – No. 96680; Steel – No. 98623 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Depressed Center Wheel Grinders

1.3 hp, Right Angle, 4"-5" Diameter



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Dynabrade's 1.3 hp (970 W) Right Angle Depressed Center Wheel Grinders offer countless grinding 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 TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS
4"-5" Dia. (102 mm-127 mm)
SEE PAGE 281**

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.



Model
52632

Type 27 Wheel
Sold Separately

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!

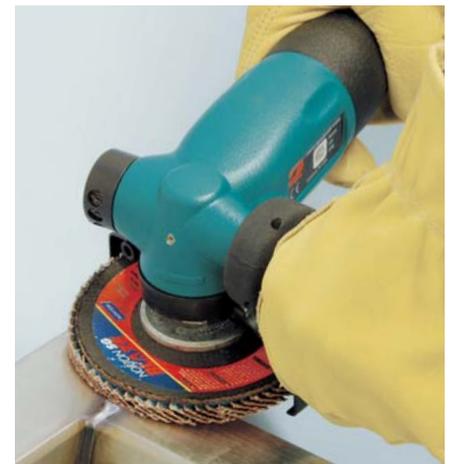
GRINDERS



52632 Depressed Center Wheel Grinder also powers optional Abrasive Flap Discs.



Ergonomic design of tool offers the best in operator comfort.



All models include powerful 1.3 hp air motor running at 12,000 or 13,500 RPM.

Depressed Center Wheel Grinders

1.3 hp, Right Angle, 4"-5" Diameter



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

FOR TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS
4"-5" Dia. (102 mm-127 mm)
SEE PAGE 281

4" (102 mm) Diameter, 13,500 RPM Model

Model 52630

13,500 RPM, 3/8"-24 Spindle Thread

- Tool accepts optional 4" (102 mm) diameter Type 27 Reinforced Depressed Center Wheels with 5/8" (16 mm) center hole (wheel width of 1/8" to 1/4").

Vibration Dampening
Side Handle included!
(All models on page)



Model
52630

Type 27 Wheel
Sold Separately

4-1/2" (114 mm) Diameter, 12,000 RPM Models

- Tool accepts optional 4-1/2" (114 mm) diameter Type 27 Reinforced Depressed Center Wheels with 7/8" (22 mm) center hole (wheel width of 1/8" to 1/4").
- Tool also accepts optional 4-1/2" (114 mm) diameter Abrasive Flap Discs (flanging sold separately).

Model 52632 5/8"-11 Spindle Thread

Model 52638 M14x2 Spindle Thread



Model
52632

Type 27 Wheel
Sold Separately

Optional Backup Flange

- For mounting high-profile Abrasive Flap Disc with 7/8" center hole.

53697 – for 5/8"-11 Models.

53630 – for M14x2 Models.



5" (127 mm) Diameter, 12,000 RPM Models

- Tool accepts optional 5" (127 mm) diameter Type 27 Reinforced Depressed Center Wheels with 7/8" (22 mm) center hole (wheel width of 1/8" to 1/4").
- Tool also accepts optional 5" (127 mm) diameter Abrasive Flap Discs (flanging sold separately).

Model 52633 5/8"-11 Spindle Thread

Model 52639 M14x2 Spindle Thread



Model
52633

Type 27 Wheel
Sold Separately

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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52630	1.3 (970)	13,500	81 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.8 (2.2)	10 (254)	3.4 (86)
52632	1.3 (970)	12,000	79 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	5/8"-11 Male	5.1 (2.3)	10 (254)	3.8 (96)
52633	1.3 (970)	12,000	79 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	5/8"-11 Male	5.4 (2.5)	10 (254)	3.8 (96)
52638	1.3 (970)	12,000	80 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	M14x2 Male	5.1 (2.3)	10 (254)	3.8 (96)
52639	1.3 (970)	12,000	80 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	M14x2 Male	5.4 (2.5)	10 (254)	3.8 (96)

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

Electric Depressed Center Wheel Grinder



ABRASIVE FLAP DISCS
PAGE 280

SIDE HANDLE
PAGE 253

For 4-1/2" (114 mm) Dia. Grinding Wheels and Abrasive Flap Discs

FOR TYPE 27 REINFORCED DEPRESSED CTR. WHEELS
4-1/2" (114 mm) Diameter
SEE PAGE 281

- **Industrial-Quality Electric Motor**
- **Quick Weld & Stock Removal**
- **General Deburring**
- **Rust & Scale Removal**

Model 40260 11,000 RPM

- Offers countless grinding and material removal solutions to industries such as metal fabrication, general welding, masonry, concrete, composites, ornamental ironwork and maintenance/repair facilities.
- 5/8"-11 spindle thread accepts optional Type 27 Depressed Center Wheels and Abrasive Flap Discs, 4-1/2" (114 mm) diameter with 7/8" (22 mm) center hole.
- Industrial-quality electric motor rated at 6 amps.
- Easily accessible brush holders allow quick brush replacement (recommended every 150 hours).
- Convenient spindle lock offers fast change of accessory.
- Press-fit design keeps gear in place, for optimum gear life.
- Locking power switch allows extended use with less operator fatigue.
- Repositioning side handle for left or right hand operation.
- All ball-bearing and needle-bearing construction ensures longer tool durability.



40260 Depressed Center Wheel Grinder offers countless grinding and material removal solutions to a wide variety of industries.

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	Maximum Watts Out	Motor RPM	Voltage (AC)	Current Amps	Phase	Frequency	Weight* Pound (kg)	Length Inch (mm)	Height Inch (mm)
40260	680	11,000	120	6	1	60 Hz	4.6 (2.1)	12 (305)	4-1/4 (108)

*Weight includes flanges, side handle and wheel guard, with no wheel attached.

Dynabrade.com

Now Available in NINE Languages!

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- **Turkish** (Türkçe)
- **Spanish** (Español)
- **Portuguese** (Português)
- **Italian** (Italiano)
- **French** (Français)
- **Simplified Chinese** (简体中文)
- **Russian** (русский)



GRINDERS

Depressed Center Wheel Grinders

Air-Powered Grinders, 5" Diameter



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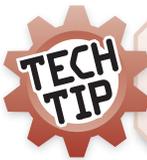
For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

FOR TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS
5" Dia. (127 mm)
SEE PAGE 281

5" Diameter, Pistol Grip, .7 hp, Rear Exhaust

Model 50340 11,000 RPM

- Accepts optional Type 27 Reinforced Depressed Center Wheel, 5" diameter, 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.

Wheel Sold Separately

5" Diameter, Vertical, 1.2 hp, Side Exhaust

Model 50303 12,000 RPM

- Accepts optional Type 27 Reinforced Depressed Center Wheel, 5" diameter, 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.



Wheel Sold Separately

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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50303	1.2 (895)	12,000	81 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)
50340	.7 (522)	11,000	76 dB(A)	32 (906)	3/8 (10)	1/4" NPT	5/8"-11 Male	4.6 (2.1)	8 (203)	6-5/8 (168)

Tune-Up Kit: 50303 – No. 96041; 50340 – No. 96047 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Depressed Center Wheel Grinders

Air-Powered Grinders, 7" Diameter



1/2" AIR LINE
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For Fast Weld and Stock Removal, Rust and Scale Removal, Heavy Deburring

**FOR TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS**
7" (178 mm) Diameter
NOT INCLUDED

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

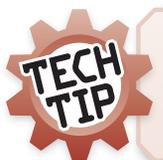
Model 50350 6,000 RPM

- Accepts optional 7" diameter Type 27 Reinforced 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 Not Included



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



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

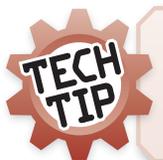
Model 50348 6,000 RPM

- Accepts optional 7" diameter Type 27 Reinforced 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.
- Optional 52190 Guard is available, for left hand operation.



Model 50348

Wheel Not Included



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



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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50348	2.0 (1,491)	6,000	83 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	79 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)

Tune-Up Kit: 50348 – No. 96043; 50350 – No. 96042 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

GRINDERS

Depressed Center Wheel Grinders

Air-Powered Vertical Grinders, 7" and 9" Diameter



1/2" AIR LINE
PAGE 226

ACCESSORIES
PAGE 222

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

FOR TYPE 27 REINFORCED
DEPRESSED CTR. WHEELS
7" (178 mm) Diameter
NOT INCLUDED

- **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, 7" Dia.

- Each model accepts optional Type 27 reinforced Depressed Center Wheels, 7" (178 mm) diameter. (Wheel width of 1/8" to 1/4".) Covers more area in less time!



Model 53232
6,000 RPM

Model 53234
7,200 RPM

Model 53235
8,500 RPM



GRINDERS

3 hp (2,237 W) Models, 7" Dia.

- Each model accepts optional Type 27 reinforced Depressed Center Wheels, 7" (178 mm) diameter. (Wheel width of 1/8" to 1/4".) Covers more area in less time!



Model 53242
6,000 RPM

Model 53244
7,200 RPM

Model 53245
8,500 RPM



3 hp (2,237 W) Model, 9" Dia.

Model 53249
6,000 RPM

- Accepts optional Type 27 reinforced Depressed Center Wheels, 9" (229 mm) diameter. Covers more area in less time!



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 (2,464)	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)
53249	3 (2,237)	6,000	85 dB(A)	87 (2,464)	1/2 (13)	1/2" NPT	5/8"-11 Male	11.4 (5.2)	9.5 (241)	7.2 (182)

Tune-Up Kit: 2 hp Models – No. 96552; 3 hp Models – No. 96553 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Type 1 Wheel Grinders

Air-Powered Grinders, 3" and 4" Diameter



COUPLER/PLUG
PAGE 228

ACCESSORIES
PAGE 222

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

**FOR REINFORCED TYPE 1
GRINDING WHEELS**
3" and 4" Dia. (76 mm and 102 mm)
SEE PAGE 281

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

- Each model accepts optional 3" diameter Type 1 Reinforced 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.

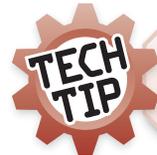
Model 52376 12,000 RPM

Model 52377 15,000 RPM

Model 52378 18,000 RPM



Model 52376



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

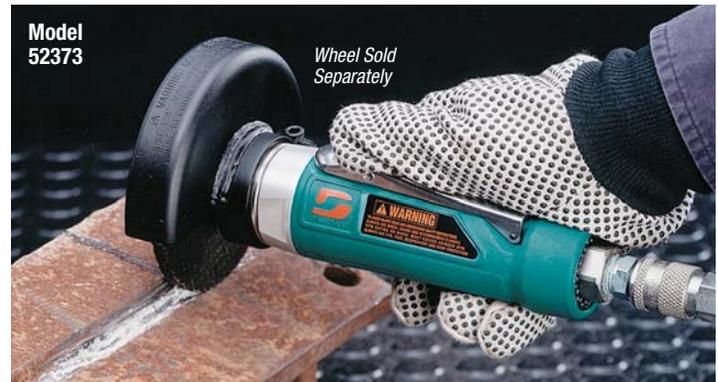
Wheel Sold Separately

4" Diameter, Straight Line, 1 hp

- Each model accepts optional 4" diameter Type 1 Reinforced 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

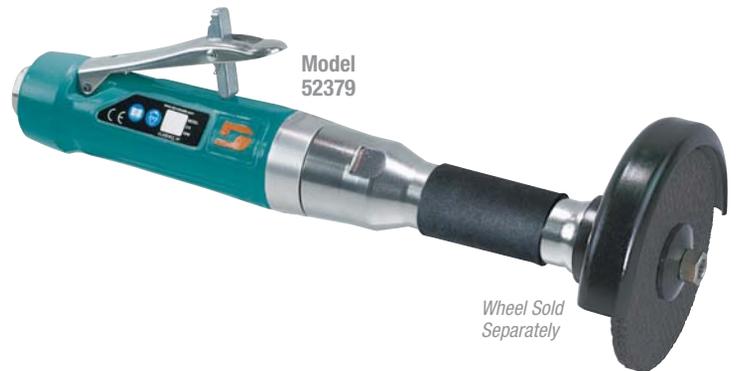
Wheel Sold Separately

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

- Each model accepts optional 4" diameter Type 1 Reinforced 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 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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52373	1.0 (744)	12,000	81 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	77 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	81 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	77 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	78 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	81 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	77 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 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Type 11 Cup Wheel Grinders

Air-Powered Vertical Grinders, 6" Diameter



1/2" AIR LINE
PAGE 226

ACCESSORIES
PAGE 222

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

FOR TYPE 11 CUP WHEELS
AND WIRE BRUSHES
6" (152 mm) diameter
NOT INCLUDED

- Each model accepts optional Type 11 Cup Wheels, 6" (152 mm) diameter. Covers more area in less time!
- **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).



Model 53233



Model 53233

Model 53233 shown powering 6" dia. Type 11 Cup Wheel. Tool also accepts Wire Brushes.

Cup Wheel
Not Included



Model 53233
2 hp (1,491 W),
6,000 RPM

Model 53243
3 hp (2,237 W),
6,000 RPM

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 (2,520)	1/2 (13)	1/2" NPT	5/8"-11 Male	11.1 (5)	9.5 (241)	7.5 (190)

Tune-Up Kit: 53233 – No. 96552; 53243 – No. 96553 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Safety Procedures for Grinding Wheels

Operator Should Comply with OSHA and ANSI B7.1 Safety Regulations

- **DO** check all wheels for cracks or other damage before mounting.
- **DO** check machine speed against the established maximum safe operating speed marked on wheel.
- **DO** use mounting blotters when supplied with wheels.
- **DO** be sure wheel hole, threaded or unthreaded, fits machine arbor properly and that flanges are clean, flat and of the proper type for the wheel you are mounting.
- **DO** always run wheel in a protected area at least one minute before grinding.
- **DO** use wheel guard furnished with machine.
- **DO** always wear protective safety glasses and additional eye and face protection if required.
- **DO** employ dust controls and/or protective measures appropriate to the material being ground.
- **DO NOT** use wheels which have been dropped or otherwise damaged.
- **DO NOT** use a grinding wheel that has rated speed less than the speed of the grinder
- **DO NOT** use excessive pressure when mounting wheel between flanges. Tighten nut only enough to hold wheel firmly.
- **DO NOT** use heavy side grinding pressure on any Type 1 straight wheel or thin Type 27 wheel.
- **DO NOT** handle machine carelessly. Stop wheel on work and use racks or hooks to support machine when not in use.
- **DO NOT** use relieved or recessed flanges with threaded hole cup wheels, cones or plugs.
- **DO NOT** mount more than one wheel on a single arbor.

Permission for reprint of form 4968T granted by UAMA

Cone or Plug Wheel Grinders

Air-Powered Grinders



COLLET INSERTS
PAGE 51

CARBIDE BURRS
PAGE 251

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

FOR CONE OR PLUG WHEELS
1-1/2" (38 mm) diameter
NOT INCLUDED

Straight Line, 1 hp, Rear Exhaust

- Each model accepts optional Abrasive Cone or Plug Wheel, maximum 1-1/2" diameter, with 3/8"-24 threaded insert.
- 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



Model 52715
Plug Wheel
Not Included

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

- Each model accepts optional Abrasive Cone or Plug Wheel, maximum 1-1/2" diameter, with 3/8"-24 threaded insert.
- 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

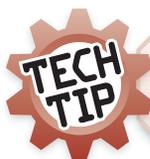
Model 52720 15,000 RPM

Model 52721 18,000 RPM

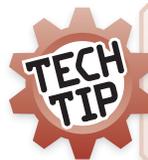
Model 52722 20,000 RPM



Model 52719
Plug Wheel
Not Included



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



Optional 53621 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Overhose redirects exhaust away from operator and workpiece. Air line sold separately. (See page 247.)



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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52715	1.0 (744)	12,000	81 dB(A)	38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.0 (198)	7-3/4 (198)	1-7/8 (48)
52716	1.0 (744)	15,000	77 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.0 (198)	8-7/8 (225)	1-7/8 (48)
52717	1.0 (744)	18,000	78 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.0 (198)	8-7/8 (225)	1-7/8 (48)
52718	1.0 (744)	20,000	78 dB(A)	44 (1,256)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.0 (198)	8-7/8 (225)	1-7/8 (48)
52719	1.0 (744)	12,000	81 dB(A)	38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.3 (1.5)	13-1/4 (335)	1-7/8 (48)
52720	1.0 (744)	15,000	77 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.3 (1.5)	14-3/8 (365)	1-7/8 (48)
52721	1.0 (744)	18,000	78 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.3 (1.5)	14-3/8 (365)	1-7/8 (48)
52722	1.0 (744)	20,000	78 dB(A)	44 (1,256)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.3 (1.5)	14-3/8 (365)	1-7/8 (48)

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

GRINDERS

Extension Cone or Plug Wheel Grinders

Straight-Line, Rear Exhaust Models



COLLET INSERTS
PAGE 51

CARBIDE BURRS
PAGE 251

Allows Efficient Work Within Long Pipes, Castings and More

FOR CONE OR PLUG WHEELS
1-1/2" (38 mm) diameter
NOT INCLUDED

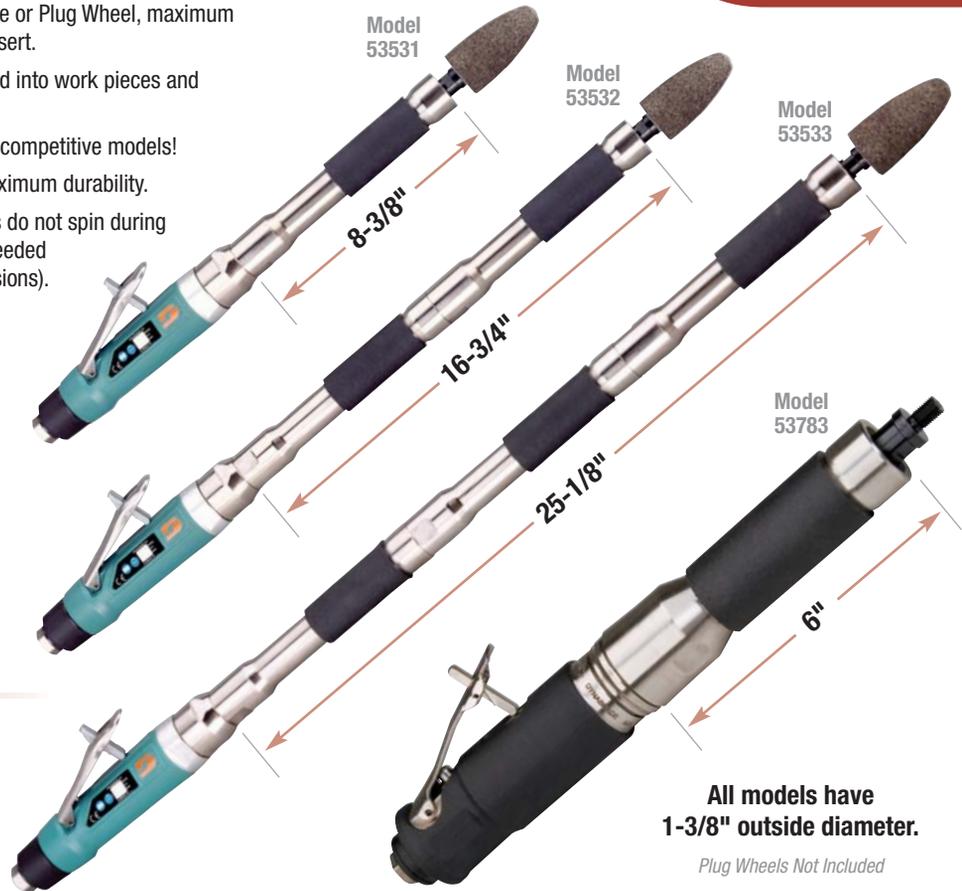
- Each model accepts optional Abrasive Cone or Plug Wheel, maximum 1-1/2" diameter, with 3/8"-24 threaded insert.
- Extension Grinders allow operator to extend into work pieces and reach lengthy distances.
- Extension length allows longer reach than competitive models!
- Extensions are constructed of steel for maximum durability.
- Designed for minimal vibration. Extensions do not spin during tool use, so continuous tightening is not needed (as with some one-piece shaft-type extensions).
- Tools can also be fitted with optional collets and inserts.

Composite Housing Models 18,000 RPM

Model 53531 18-3/8" Length

Model 53532 26-3/4" Length

Model 53533 35-1/8" Length



All models have
1-3/8" outside diameter.

Plug Wheels Not Included

Composite Housing Models 3,400 RPM

- Slower speed is ideal for buffing and polishing. Tools can be fitted with optional buffing pads.

Model 53521 19-3/4" Length

Model 53522 28-1/8" Length

Model 53523 36-1/2" Length

Steel Housing Model

Model 53783 20,000 RPM

12-3/4" Length

- Steel housing offers increased durability.
- Rubber Grip Housing reduces vibration and cold air transmission.
- Ideal for use in foundries, welding operations and shipyards.



Extend into hard-to-reach places by choosing the suitable extension for the job.

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)
53521	1.0 (744)	3,400	79 dB(A)	41 (1,161)	3/8 (10)	3/8" NPT	1/2"-20 Male	5.5 (2.5)	19-3/4 (502)	1-7/8 (48)
53522	1.0 (744)	3,400	79 dB(A)	41 (1,161)	3/8 (10)	3/8" NPT	1/2"-20 Male	7.6 (3.5)	28-1/8 (714)	1-7/8 (48)
53523	1.0 (744)	3,400	79 dB(A)	41 (1,161)	3/8 (10)	3/8" NPT	1/2"-20 Male	9.75 (4.4)	36-1/2 (927)	1-7/8 (48)
53531	1.0 (744)	18,000	75 dB(A)	41 (1,161)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.8 (2.2)	18-3/8 (467)	1-7/8 (48)
53532	1.0 (744)	18,000	75 dB(A)	41 (1,161)	3/8 (10)	3/8" NPT	3/8"-24 Male	6.9 (3.1)	26-3/4 (679)	1-7/8 (48)
53533	1.0 (744)	18,000	75 dB(A)	41 (1,161)	3/8 (10)	3/8" NPT	3/8"-24 Male	8.9 (4.0)	35-1/8 (892)	1-7/8 (48)
53783	0.7 (522)	20,000	80 dB(A)	39 (1,104)	1/4 (6)	1/4" NPT	3/8"-24 Male	3.9 (1.7)	12.7 (322)	1.7 (45)

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

GRINDERS

Cut-Off Wheel Tools

Air-Powered Cutting Tools, 3" Diameter



DYNASWIVEL®
PAGE 223

COUPLER/PLUG
PAGE 228

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

FOR REINFORCED CUT-OFF WHEELS
3" (76 mm) diameter
SEE PAGES 281, 293

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

- Each model accepts optional 3" diameter reinforced Type 41 Cut-Off Wheels with 3/8" center hole.
- Gearless motor design for reduced maintenance and downtime.
- Safety-lock lever is included.

Model 52434 *Front Exhaust*

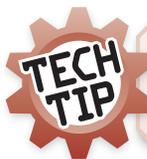
Model 52435 *Rear Exhaust*



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

Model 52420 *Front Exhaust*

- Accepts optional 3" diameter reinforced Type 41 Cut-Off Wheels with 3/8" center hole.
- 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 reinforced Type 41 Cut-Off Wheels with 3/8" center hole.
- 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*



3" Diameter, Right Angle, .4 hp, Diamond Cut-Off Wheel

Model 52439 *12,000 RPM*

- Accepts optional 3" diameter Diamond Cut-Off Wheels with 3/8" center hole (see page 293).
- Ideal for cutting thick fiberglass over-wrap and fiber spray.
- "Dual wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime. Tool includes 95848 Gear Oil and 95541 Gear Oil Gun.
- Safety-lock lever is included; rear exhaust.



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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52420	0.5 (373)	20,000	82 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	0.5 (373)	20,000	81 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	0.5 (373)	20,000	77 dB(A)	27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/2 (126)	3-1/8 (79)
52439	0.4 (306)	12,000	83 dB(A)	21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.6 (0.7)	8-1/2 (126)	3-1/8 (79)
52576	1 (744)	15,000	77 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	78 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	78 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: 52434 – No. 98623; 52435 – No. 95600; 52420 – No. 96044; 52576 – No. 96039; 52577, 52578 – No. 96532; 52439 – No. 96179 (page 267)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

GRINDERS

Cut-Off Wheel Tools

Air-Powered Cutting Tools, 3" and 4" Diameter



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

FOR TYPE 41 REINFORCED
CUT-OFF WHEELS
3" and 4" Dia. (76 mm and 102 mm)
SEE PAGE 281

- Models accepts optional 3" or 4" diameter Type 41 reinforced Cut-Off Wheels, with 3/8" center hole.
- "Dual-wick" lubrication system saturates gears with oil for increased performance, extended life and reduced downtime.
- Adjustable wheel guard provides maximum operator protection.
- Safety-lock lever is included.



Model 54730

Wheel Sold Separately

Composite Housing Models

Right Angle, .7 hp, Rear Exhaust

- Models include aluminum right angle housing.

Model 54730 3" Dia., 18,000 RPM

Model 54734 4" Dia., 13,500 RPM

- Each model includes side handle for left or right-hand use.



Extended Model 54736

Wheel Sold Separately

Model 54732 3" Dia., Extended, 18,000 RPM

Model 54736 4" Dia., Extended, 13,500 RPM

- Extension design allows longer reach on work piece, and two-hand control for added comfort.

GRINDERS

Steel Housing Models

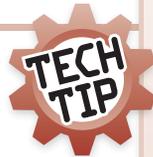
Right Angle, .7 hp, Rear Exhaust

- Steel housings offer increased durability!
- Models include steel right angle housing.

Model 54740 3" Dia., 18,000 RPM

Model 54744 4" Dia., 13,500 RPM

- Each model includes side handle for left or right-hand use.



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



Model 54744

Wheel Sold Separately



Extended Model 54742

Wheel Sold Separately

Model 54742 3" Dia., Extended, 18,000 RPM

Model 54746 4" Dia., Extended, 13,500 RPM

- Extension design allows longer reach on work piece, and two-hand control for added comfort.

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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
54730	0.7 (522)	18,000	83 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	3/8"-24 Male	3 (1.3)	8 (202)	3-1/8 (79)
54732	0.7 (522)	18,000	82 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.5 (1.6)	11-3/8 (288)	3-1/8 (79)
54734	0.7 (522)	13,500	83 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.2 (1.4)	8 (202)	3-1/16 (78)
54736	0.7 (522)	13,500	83 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.7 (1.7)	11-3/8 (288)	3-1/16 (78)
54740	0.7 (522)	18,000	82 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.8 (1.7)	8-1/16 (204)	3-1/8 (79)
54742	0.7 (522)	18,000	79 dB(A)	41 (1,161)	3/8 (10)	1/4" NPT	3/8"-24 Male	4.2 (1.9)	11-7/16 (290)	3-1/8 (79)
54744	0.7 (522)	13,500	81 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	4 (1.8)	8-1/16 (204)	3-1/16 (78)
54746	0.7 (522)	13,500	81 dB(A)	40 (1,133)	3/8 (10)	1/4" NPT	3/8"-24 Male	4.4 (2)	11-7/16 (290)	3-1/16 (78)

Tune-Up Kit: Composite – No. 96680; Steel – No. 98623 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Cut-Off Wheel Tools

Air-Powered Cutting Tools, 4" Diameter



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

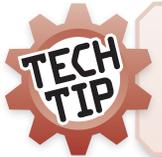
FOR TYPE 41 REINFORCED CUT-OFF WHEELS
4" (102 mm) diameter
SEE PAGE 281

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

- Each model accepts optional 4" diameter reinforced Type 41 Cut-Off Wheels with 3/8" center hole. (Wheel width of 1/32" - 1/8".)
- 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



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.)



Wheel Sold Separately

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

- Each model accepts optional 4" diameter reinforced Type 41 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
18,000 RPM



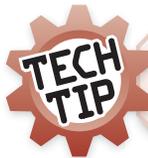
Wheel Sold Separately

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

- Each model accepts optional 4" diameter reinforced Type 41 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; rear exhaust.

Model 52579
15,000 RPM

Model 52580
18,000 RPM



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



Wheel Sold Separately

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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52430	0.7 (522)	15,000	89 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	0.7 (522)	20,000	88 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	77 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	78 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	77 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	78 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 Kit: .7 hp models – No. 96045; 1 hp models – No. 96532 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

GRINDERS

Vacuum Cut-Off Wheel Tools

Air-Powered Cutting Tools, 3" Diameter



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*For Efficient Cutting with Capture of Dust and Debris.
Ideal for use on Fiberglass and Composites.*

FOR DIAMOND
CUT-OFF WHEELS
3" (76 mm) Diameter
SEE PAGE 293

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

Model 52538 *Rear Exhaust*

- Ideal for use with optional 3" diameter Diamond Cut-Off Wheels with 3/8" center hole.
- 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. Tool includes 95848 Gear Oil and 95541 Gear Oil Gun.
- Safety-lock lever is included.



Model 52538

Wheel Sold Separately

3" Diameter, Extended Straight-Line, 1 hp, 18,000 RPM

Model 52537 *Rear Exhaust*

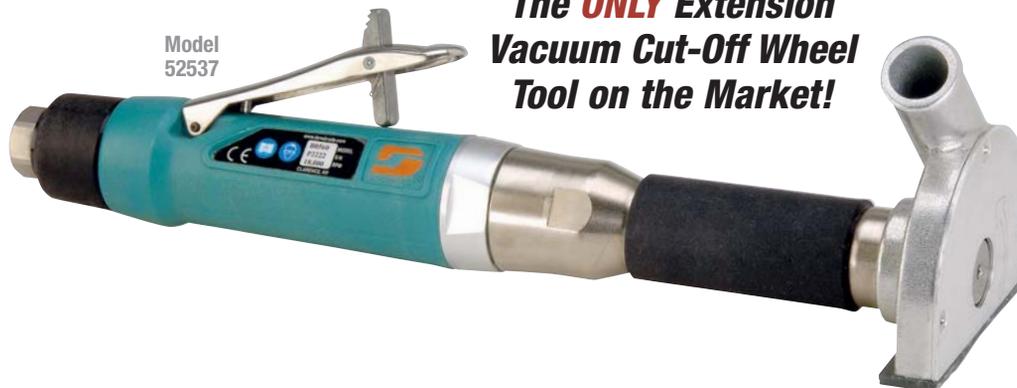
- For use with optional 3" diameter Diamond Cut-Off Wheels with 3/8" center hole.
- Vacuum shroud diverts airborne dust and debris, through 1" outside diameter port to optional external vacuum source.
- Vacuum shroud cover may also be used as a trim guide, for cutting as close as 5/32" (4 mm).
- Extension design is ideal for two-hand use, offering enhanced comfort and control.
- Blade guide allows exposure of 9/16" (14 mm) depth of Cut-Off Wheel.
- Cut-Off Wheel is changed quickly and easily, without removal of shroud cover plate.
- Safety-lock throttle lever is included.



Model 52537

GRINDERS

The ONLY Extension Vacuum Cut-Off Wheel Tool on the Market!



Model 52537



Vacuum shroud cover may be used as a trim guide, for cutting as close as 5/32" (4 mm).

IMPORTANT: Speed of tool must not exceed maximum operating speed of accessory. Never mount saw blades or 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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52538	0.4 (298)	12,000	83 dB(A)	21 (595)	3/8 (10)	1/4" NPT	3/8"-24 Male	2 (.97)	8-5/8 (219)	4-3/8 (111)
52537	1.0 (746)	18,000	79 dB(A)	41 (1,161)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.75 (1.7)	14-5/8 (371)	4-1/2 (114)

Tune-Up Kit: 52538 – No. 96179; 52537 – No. 96532 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Vacuum Cut-Off Wheel Tool

Air-Powered Cutting Tool, 3" Diameter



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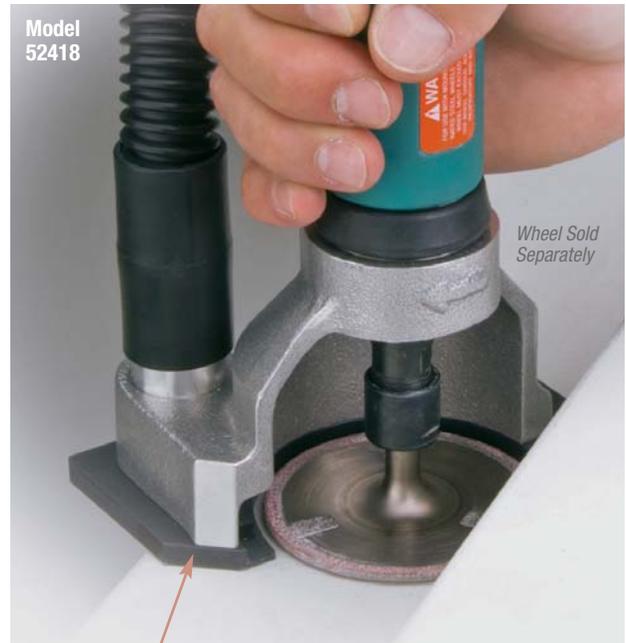
*Unique Shroud and Flange Design Adds Versatility!
Ideal for use on Fiberglass and Composites.*

**FOR DIAMOND
CUT-OFF WHEELS**
3" (76 mm) Diameter
SEE PAGE 293

3" Diameter, Straight-Line, .7 hp, 20,000 RPM

Model 52418 Rear Exhaust

- Accepts optional 3" (76 mm) diameter Diamond Cut-Off Wheels with 3/8" diameter mandrel.
- Unique cutaway shroud design allows 1" (25 mm) wheel depth exposure.
- Vacuum shroud diverts dust and debris through 1" outside diameter port, to optional vacuum source.
- Non-marring plastic flange protects work surface while cutting.
- Adjustable cutting height, from flush to 5/8" (16 mm) above work surface, is achieved by inserting wheel mandrel deeper into collet.
- Operating tool in horizontal position allows flush-cut trimming of edges.
- An essential tool for boat builders, pool, spa and shower manufacturers, and composite industries.
- Safety-lock lever is included.



Place this edge against workpiece for consistent cut!

Wheel Sold Separately

Includes 94300 Composite Dynaswivel® Air Line Connector

Extended rear exhaust muffler for reduced sound levels

Safety-lock lever is included

1" Dia. Vacuum Port

3/8" Collet Size

Ideal for both vertical and horizontal operation

Unique cutaway shroud allows 1" (25 mm) wheel depth exposure

Non-marring plastic flange protects work surface



IMPORTANT: Speed of tool must not exceed maximum operating speed of accessory. Never mount saw blades or 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	Collet Size	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52418	0.7 (522)	20,000	79 dB(A)	37 (1,048)	3/8 (10)	1/4" NPT	3/8"	3 (1.3)	10-15/16 (265)	5-1/4 (133)

Tune-Up Kit: No. 96529 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Vacuum Cut-Off Wheel Tools

Air-Powered Cutting Tools, 4-1/2"-5" Diameter



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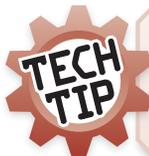
*For Efficient Cutting with Capture of Dust and Debris.
Ideal for use on Fiberglass and Composites.*

**FOR DIAMOND
CUT-OFF WHEELS**
4-1/2"-5" Dia. (114 mm-127 mm)
SEE PAGE 293

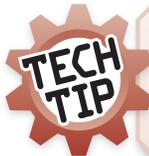
4-1/2" Diameter, 7° Offset, .7 hp, 20,000 RPM

Model 52436 *Rear Exhaust*

- For use with optional 94912 Diamond Cut-Off Wheel, 4-1/2" (114 mm) diameter with 3/8" center hole, slotted for cooler running and longer life.
- Adjustable wheel guard has vacuum port, 1" (25 mm) outside diameter, that diverts airborne dust and debris to optional vacuum source.
- Blade depth exposure of 1-3/16" (30 mm).
- Tool includes cushioned, soft-grip side handle.
- Handle is offset 7° for greater operator comfort and control.
- Safety-lock lever is included.



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.)



GRINDERS

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

Model 52438 *Rear Exhaust*

- For use with optional 5" (127 mm) diameter Diamond Cut-Off Wheel with 3/4" center hole.
- Adjustable wheel guard has vacuum port, 1-1/4" (32 mm) outside diameter, that diverts airborne dust and debris to optional vacuum source.
- Powerful, high-quality air motor is effective for cutting through thick fiberglass over-wrap and fiber spray.
- Blade guide allows controlled cutting depth. Operator may expose up to 1-1/8" (28 mm) 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 saw blades or 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	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52436	0.7 (522)	20,000	90 dB(A)	32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	3.1 (1.4)	10-5/8 (270)	5-1/4 (133)
52438	1.0 (746)	12,000	80 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)

Tune-Up Kit: 52436 – No. 96045; 52438 – No. 96532 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Vacuum Cut-Off Wheel Tool

Air-Powered Cutting Tool, 5" Diameter



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*For Efficient Cutting with Capture of Dust and Debris.
Ideal for use on Fiberglass and Composites.*

FOR DIAMOND
CUT-OFF WHEELS
5" (127 mm) Diameter
SEE PAGE 293

5" Diameter, 1.3 hp, 12,000 RPM

Model 52615

- Ideal for use with optional 5" diameter Diamond Cut-Off Wheels with 3/4" diameter center hole (see page 293).
- Adjustable wheel guard has vacuum port (1-1/4" outside diameter) that diverts airborne dust and debris to optional vacuum source.
- Non-marring composite base is removable to utilize maximum blade depth of 1-3/16" (30 mm). Optional 53544 composite base is available for scoring.
- "Wick Lube" System extends gear life with simple lubrication. Tool includes 95848 Gear Oil and 95541 Gear Oil Gun.
- Exhaust system rotates 360° to ensure exhaust is always directed away from operator.
- Safety-lock lever is included.



Includes
95848 Gear Oil
and 95541
Gear Oil Gun

Wheel Sold Separately

Optional Scoring Assembly



Part No. 53545

- Skid allows 1/8" deep score. Includes three screws for attaching.

IMPORTANT: Speed of tool must not exceed maximum operating speed of accessory. Never mount saw blades or 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)
52615	1.3 (969)	12,000	84 db(A)	42 (1,189)	3/8 (10)	3/8" NPT	3/8"-24	7.3 (3.3)	15.2 (385)	8.4 (213)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Guide to Dynabrade Vacuum Tools

GRINDERS

Abrasive Belt Tool

Vacuum Dynafine® II 15



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- .4 hp Vacuum Die Grinders 69
- .7 hp Vacuum Die Grinders 70
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Dynabrade Systems & Solutions



For Grinders and Cut-Off Wheel Tools – Suggested Tool/Accessory Combinations

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Depressed Center Wheel Grinder Model 53245 <i>Vertical, 8,500 RPM, 3 hp</i> Page 102 	7" Dia. Type 27 Reinforced Depressed Center Wheel  Not Included	Side Handle 52169 Page 253 	Flexible Air Line 1/2" I.D. Page 226 
Cut-Off Wheel Tool Model 52439 <i>Right Angle, 12,000 RPM, .4 hp</i> Page 107 	3" Dia. Diamond Cut-Off Wheel Gulletted/Slotted  Page 293	Gear Oil & Gun 95848, 95541 Page 254 	Motor Tune-Up Kit 96047 Page 267 
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GRINDERS

ESSENTIAL ACCESSORIES

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		Dynüba 26 60020 Page 254 	Coupler/Plug Assemblies 95676, 97572 Page 228 	Air Hose Assemblies 94863, 94852, 94892 Page 225 