

Dynabrade Vacuum Cut-Off Wheel Tools

Efficiently Capture Dust and Debris While Cutting



- Ideal for Effective Cutting through Fiberglass, Composites, More
- Vacuum Shroud Diverts Dust and Debris to External Vacuum Source
- Powerful High-Quality Design Offers the Dynabrade Difference!



Vacuum Cut-Off Wheel Tools

Dynabrade Vacuum Cut-Off Wheel Tools power Diamond Cut-Off Wheels (see page 6) for efficient cutting through fiberglass, composites and other surfaces. As tool is cutting, unique vacuum shroud extracts airborne dust and debris to outside vacuum source, ensuring cleaner, safer workplace. An essential tool for boat builders, wind turbine manufacturers, pool and spa manufacturers, and composite industries!

3" (76 mm) Diameter

Model 52538

.4 hp, 12,000 RPM, Right Angle, Rear Exhaust

- For use with optional 3" (76 mm) diameter Diamond Cut-Off Wheels.
- Adjustable wheel guard has vacuum port, 1" (25 mm) 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" (17 mm). 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.



Wheel Sold Separately

3" (76 mm) Diameter Extension Model



Model 52537

1 hp, 18,000 RPM, Straight-Line, Rear Exhaust

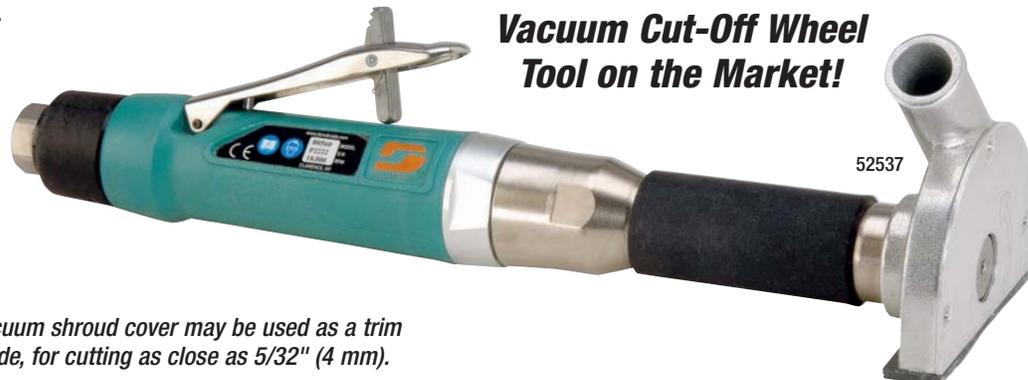
- For use with optional 3" (76 mm) diameter Diamond Cut-Off Wheels.
- Vacuum shroud diverts airborne dust and debris, through 1" (25 mm) outside diameter port to optional external vacuum source.
- Vacuum shroud cover may also be used as a trim guide, for cutting as close as 5/32" (4 mm).
- Extension 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.



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



◀ 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 bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	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)
52538	.4 (298)	12,000	21 (595)	3/8 (10)	1/4" NPT	3/8"-24 Male	2 (.97)	8-5/8 (219)	4-3/8 (111)
52537	1 (746)	18,000	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)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Vacuum Cut-Off Wheel Tools

4-1/2" (114 mm) Diameter

Model 52436

.7 hp, 20,000 RPM, 7° Offset, Rear Exhaust

- For use with optional 94912 Diamond Cut-Off Wheel, 4-1/2" (114 mm) outside diameter, 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.



5" (127 mm) Diameter

Model 52438

1 hp, 12,000 RPM, Right Angle, Rear Exhaust

- For use with optional 5" (127 mm) diameter Diamond Cut-Off Wheels.
- 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 metals, thick fiberglass over-wrap and fiber spray.
- Blade guide allows operator to 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 bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor hp (W)	Motor RPM	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	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 (746)	12,000	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)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Non-Vacuum Cut-Off Wheel Tool

3" (76 mm) Diameter

Model 52417

.7 hp, 20,000 RPM, Straight-Line, Rear Exhaust

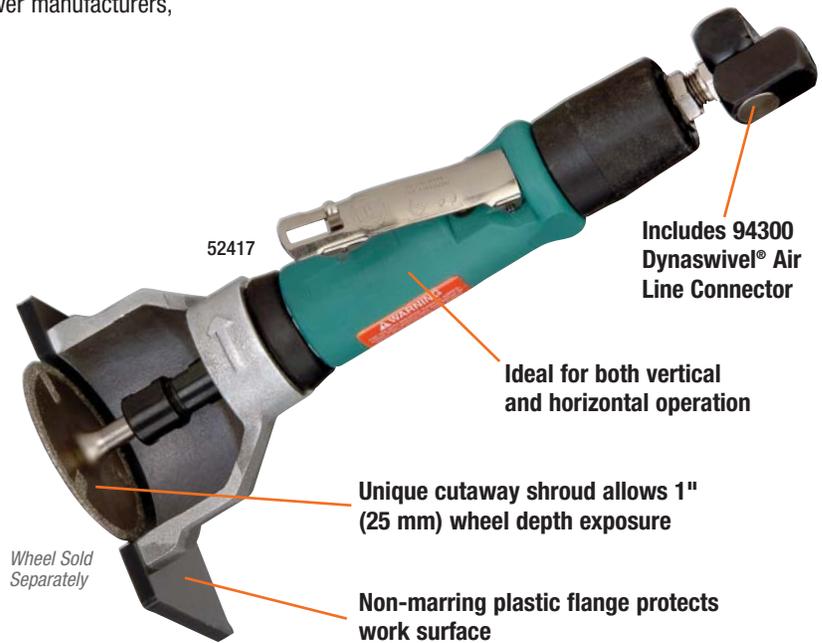


Unique Shroud and Flange Design Adds New Versatility!

- Accepts optional 3" (76 mm) diameter Diamond Cut-Off Wheels with 3/8" (10 mm) diameter mandrel.
- Unique cutaway shroud design allows 1" (25 mm) wheel depth exposure.
- Non-marring plastic flange protects work surface while cutting.
- Includes 94300 Dynaswivel® Air Line Connector, enhancing operator comfort and control.
- 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 in composite industries.
- Safety-lock lever is included.



Tool may be operated in horizontal and vertical positions, for flush cutting of edges.



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	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Collet Size	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52417	.7 (522)	20,000	37 (1048)	3/8 (10)	1/4" NPT	3/8"	2.9 (1.3)	10-5/16 (263)	5-1/4 (133)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Diamond Cut-Off Wheels

Mandrel Type • For use on Fiberglass and Composites

Diameter	Part Number	Wheel Type	Maximum Operating Speed (RPM)	Mandrel Length	Mandrel Diameter	Wheel Thickness	Diamond Grit Wrap
3" (76 mm)	93906	Continuous Rim	20,000	2-1/4" (57 mm)	3/8" (10 mm)	3/32" (2 mm)	1/8" (3 mm)
	93907	Side Spoked					



Portable Vacuum Systems

Ideal for use with Dynabrade Vacuum Tools

Electric Portable Vacuum Systems

Models 61300-61309

- Choose from 9.9 (36 liters) or 17 gallon (64 liters) models. Dry vacuum only.
- Two-tool setup: two pneumatic outlets and two vacuum hose ports.
- Heavy-duty stainless steel drum. Drum can be removed for special applications or locations.
- Electric configurations available for use outside USA – see chart below.
- HEPA filtration (0.3 micron) with felt insert and paper bag.
- Variable vacuum control; max flow internal pneumatic workings.
- Electronic thermal protection device prevents heat overload of motor.
- Includes disposable paper bag, which fits inside steel drum for convenient collection/disposal of debris. (Reorder part number 64682 for 9.9 gal. [36 L] vacuum; part number 80076 for 17 gal. [64 L] vacuum.)
- 7.5' (229 cm) water static lift/230 mbar vacuum.
- Two lightweight coaxial hoses, 1-1/4" (32 mm) dia. x 20' (6 m) long.
- Auto on/off switch, 26' (8 m) electrical cord.
- UL (United States and Canada), CE and GOST approved/listed.
- Features Dynabrade's Composite-Style Couplers and Vacuum Hose Swivel Adapter.



61300
9.9 gallon
(36 liters)



61300
9.9 gallon
(36 liters)



61301
17 gallon
(64 liters)



61301
17 gallon
(64 liters)

Note: Dynabrade Portable Vacuum is to be used only when working with non-ferrous materials.

Model Number	Capacity Gallon (Liter)	Voltage / Frequency	Watts	Plug (Region)	Air Pressure PSIG (Bar)	Water Static Lift Inch/cm/mbar	Sound Level	Shipping Weight lbs. (kg)	Height Inch (cm)	Width Inch (cm)
61300	9.9 (36)	120V/60 Hz	1300	US (US/Canada)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22)	38-1/2 (98)	20-7/8 (53)
61301	17 (64)	120V/60 Hz	1300	US (US/Canada)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28)	44-7/8 (114)	27-5/8 (70)
61302	9.9 (36)	230V/50 Hz	1400	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22)	38-1/2 (98)	20-7/8 (53)
61303	17 (64)	230V/50 Hz	1400	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28)	44-7/8 (114)	27-5/8 (70)
61304	9.9 (36)	110V/60 Hz	1300	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22)	38-1/2 (98)	20-7/8 (53)
61305	17 (64)	110V/60 Hz	1300	UK (UK)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28)	44-7/8 (114)	27-5/8 (70)
61306	9.9 (36)	230V/50 Hz	1400	CEE7/XVII (Europe)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22)	38-1/2 (98)	20-7/8 (53)
61307	17 (64)	230V/50 Hz	1400	CEE7/XVII (Europe)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28)	44-7/8 (114)	27-5/8 (70)
61308	9.9 (36)	230V/50 Hz	1400	None (International)	90 (6.2)	90/229/230	76 dB(A)	48.4 (22)	38-1/2 (98)	20-7/8 (53)
61309	17 (64)	230V/50 Hz	1400	None (International)	90 (6.2)	90/229/230	76 dB(A)	61.6 (28)	44-7/8 (114)	27-5/8 (70)

Diamond Cut-Off Wheels

For use on Fiberglass and Composites



Diameter	Part Number	Wheel Type	Maximum Operating Speed (RPM)	Center Hole	Wheel Thickness	Diamond Grit Wrap	For Use With These Dynabrade Tools
3" (76 mm)	93917	Continuous Rim	20,000	3/8" (10 mm)	3/32" (2 mm)	1/8" (3 mm)	52537 and 52538 – 3" (76 mm) Dia. Cut-Off Wheel Tools
	93646	Side Spoked					
	93658	Gulleted/Slotted					
4-1/2" (114 mm)	94912	Gulleted/Slotted	20,000	3/8" (10 mm)	3/32" (2 mm)	1/8" (3 mm)	52436 – 4-1/2" (114 mm) Dia. Cut-Off Wheel Tool
5" (127)	93921	Continuous Rim	15,000	3/4" (19 mm)	3/32" (2 mm)	1/8" (3 mm)	52438 – 5" (127 mm) Dia. Cut-Off Wheel Tool
	93650	Side Spoked					
	93662	Gulleted/Slotted					



Dynaswivel® Air Line Connector

Never Fight an Air Hose Again!

- The Dynaswivel® is a patented "universal-joint" that connects portable air tools to an air line.
- Swivels 360° AT TWO PIVOT POINTS, allowing the air hose to drop directly to the floor while providing superb tool handling.
- Improves tool maneuverability and air flow, minimizes operator fatigue and extends hose life.



94300
Composite,
1/4" NPT



95461
Aluminum,
3/8" NPT

Ask about our Flow-Control Dynaswivel®!



Visit our Website for more Tools and Related Accessories
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