

Dynabrade 1.3 hp Right Angle Tool Series

Small Tools Deliver Big Power and Performance



- Ideal for Grinding Welds and Countless Material Removal Applications
- Ergonomic Design Offers the Best in Operator Comfort
- Models to Accept Type 27 Grinding Wheels or Abrasive Flap Discs



1.3 hp Right Angle Tool Series

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

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 Gear Oil and Gear Oil Gun (see page 4).

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!

Model 52632

Depressed Center Wheel Grinder

Type 27 Wheel
Sold Separately



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



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



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

Depressed Center Wheel Grinders

Fast Weld and Stock Removal • Heavy Deburring • Rust and Scale Removal

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.

Model 52632 12,000 RPM, 5/8"-11 Spindle Thread

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

Model 52638 12,000 RPM, M14x2 Spindle Thread

Model 52633 12,000 RPM, 5/8"-11 Spindle Thread

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

Model 52639 12,000 RPM, M14x2 Spindle Thread



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.

Important: Always use required wheel guard. Never remove wheel guard from tool. Speed of tool must not exceed maximum operating speed of accessory. Never mount bonded grinding wheels. Always wear eye, face and 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)
52630	1.3 (970)	13,500	43 (1218)	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	43 (1218)	3/8 (10)	3/8" NPT	5/8"-11 Male	5.2 (2.4)	10 (254)	3.8 (96)
52633*	1.3 (970)	12,000	43 (1218)	3/8 (10)	3/8" NPT	5/8"-11 Male	5.4 (2.5)	10 (254)	3.8 (96)

*Corresponding model with M14x2 Spindle Thread has identical specifications • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Disc Sanders

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

Model 52631 12,000 RPM, 3/8"-24 Spindle Thread

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

Model 52634 12,000 RPM, 5/8"-11 Spindle Thread

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

Model 52635 12,000 RPM, 5/8"-11 Spindle Thread

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



Model 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)
52631	1.3 (970)	12,000	43 (1218)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.3 (1.9)	10 (254)	3.3 (84)
52634	1.3 (970)	12,000	43 (1218)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.4 (2)	10 (254)	3.6 (91)
52635	1.3 (970)	12,000	43 (1218)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.4 (2)	10 (254)	3.6 (91)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Accessories

4" (102 mm) Diameter Locking-Type Backing Pad

Part No. 50192

- For use with 52631 Disc Sander.
- A quick turn of the abrasive locks it in place!
- 3/8"-24 female thread; hard density.
- 12,000 RPM maximum operating speed.



4-1/2" (114 mm) and 5" (127 mm) Dia. Disc Sander Backing Pads

Thermoplastic Pad with Fins

- Accepts abrasive discs with 7/8" (22 mm) center hole.
- Fins help expel heat from disc pad extending disc life.
- Flange nut included.



Pad Diameter	Part Number	Pad MOS RPM	Thread	Duty
4-1/2" (114 mm)	50288	13,000	5/8"-11 Female	Heavy
	51148	13,000	5/8"-11 Female	General
5" (127 mm)	50296	12,000	5/8"-11 Female	Heavy
	51150	12,000	5/8"-11 Female	General

Rubber Molded Pad with Spiral Ribbs

- Accepts abrasive discs with 7/8" (22 mm) center hole.
- Spiral ribs provide contact points and form air-flow channels, extending disc life.
- Slotted hub draws cool air behind disc.
- Flange nut included.



Pad Diameter	Part Number	Pad MOS RPM	Thread	Density
4-1/2" (114 mm)	50281	13,500	5/8"-11 Female	Medium
5" (127 mm)	50282	13,000	5/8"-11 Female	Medium

Coupler and Plug Assembly For Maximum Air Flow to Tool!

Part No. 98265

- Provides up to TWICE the standard air flow – tool won't be "starved."
- Offers convenient quick-connect and disconnect feature.
- Recommended for use with all Dynabrade 1.3 hp tools.
- Includes one 3/8" NPT female coupler and one 3/8" NPT male plug (also sold separately).



Dynaswivel® Air Line Connector Never Fight an Air Hose Again!

Part No. 95461

Aluminum, 3/8" NPT

- Swivels 360° AT TWO PIVOT POINTS, allowing the air hose to drop directly to the floor while providing superb tool handling.
- Improves tool maneuverability, maintains air flow, minimizes operator fatigue and extends hose life.



Gear Oil & Gear Oil Gun Included with Each Tool

95848 Gear Oil

- To lubricate Dynabrade tools with "Wick Lube" System.

95541 Push-Type Gear Oil Gun

- Easy one-hand operation.



For More Tools and Related Accessories, Visit: Dynabrade.com



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