

Type 11 Cup Wheel Grinders

Air-Powered Vertical Grinders, 6" Diameter



1/2" AIR LINE
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ACCESSORIES
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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.

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