

Pencil Grinders

Rotary Vane Air Motor Models



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Precision Deburring and Finishing with Adjustable Speed

FOR USE WITH
Carbide Burrs, Rotary Files,
Mounted Points and Discs
SEE PAGE 251

- An ideal tool for use in casting houses, effective on cast parts of aluminum, bronze and brass. Quickly and efficiently removes gates and parting lines in cast parts.
- High-efficiency rotary vane air motor.
- Adjustable tool speed from 5,000 RPM to 25,000 RPM.
- Operate tool and adjust speed by simply rotating rear roll valve.
- Collet cap has tactile grip to protect operator from rotating collet, and allow fingertip control.
- Changing of attachment is achieved with easy, two-wrench maneuver.
- Unique housing shape allows tool to be held as a traditional Die Grinder.

Model 52861
1/8" Collet

Model 52862
3 mm Collet

Model 52863
1/4" Collet

Model 52864
6 mm Collet



52898 Thread Guard

Optional Thread Guard allows easy access to collet cap. With Thread Guard in place, larger diameter accessories may be run by tool. (All accessories must have maximum operating speed of 25,000 RPM).



Model 52861



Model 52861

Rotary Vane Pencil Grinder is ideal for precision deburring.

Model Number	Motor hp (W)	Collet Size	Motor RPM	Sound Level	Exhaust	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Diameter Inch (mm)
52861	0.3 (224)	1/8"	25,000	76 dB(A)	Rear	20 (566)	1/4 (6)	1/4" NPT	1.1 (.48)	5.66 (144)	1-1/2 (39)
52862	0.3 (224)	3 mm	25,000	76 dB(A)	Rear	20 (566)	1/4 (6)	1/4" NPT	1.1 (.48)	5.66 (144)	1-1/2 (39)
52863	0.3 (224)	1/4"	25,000	76 dB(A)	Rear	20 (566)	1/4 (6)	1/4" NPT	1.1 (.48)	5.66 (144)	1-1/2 (39)
52864	0.3 (224)	6 mm	25,000	76 dB(A)	Rear	20 (566)	1/4 (6)	1/4" NPT	1.1 (.48)	5.66 (144)	1-1/2 (39)

Tune-Up Kit: No. 96174 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Pencil Grinders

Turbine-Driven Air Motor Models



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Precision Deburring and Finishing on a Variety of Surfaces

FOR USE WITH
Carbide Burrs, Rotary Files,
Mounted Points and Discs
SEE PAGE 251

- High-efficiency air motor has no wearable gears, vanes or blades.
- **No lubrication required!** Oil-free operation minimizes maintenance time and repair costs.
- Air motor is controlled with patented governor, providing constant tool speed under load.
- Quality high-speed bearings are included.
- Housing has "non slip" rubber grip.
- Tactile safety features on shaft end alert operator to rotating collet area.
- Includes high-quality flexible air hose.



Model 51810

*See page 48
for all models!*



Model 51810

100,000 RPM Pencil Grinder offers enhanced cut rate.