

# 1 hp Die Grinders

## Straight-Line, Rear Exhaust

ABRASIVE  
CAPACITYCARBIDE BURRS, ROTARY  
FILES, MOUNTED POINTS,  
WHEELS AND DISCS

### High Quality Air-Powered Die Grinders

#### Planetary Geared Models

- Governor-controlled to maintain RPM under heavy load.
- Safety-lock lever is standard on all models.
- Lightweight thermal-insulated housing reduces cold air transmission and vibration to operator.
- Unique anti-clog exhaust baffling.

**Model 52660**  
950 RPM, 1/4" Collet

**Model 52662**  
3,400 RPM, 1/4" Collet

**Model 52663**  
4,500 RPM, 1/4" Collet

**Model 52680**  
950 RPM, 6 mm Collet

**Model 52682**  
3,400 RPM, 6 mm Collet

**Model 52683**  
4,500 RPM, 6 mm Collet



Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52660 / 52680	1 (744)	950	80 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	—	3.6 (1.6)	13-3/4 (384)	1-7/8 (48)
52662 / 52682	1 (744)	3,400	80 dB(A)	43 (1,218)	3/8 (10)	3/8" NPT	—	3.1 (1.4)	12-1/2 (317)	1-7/8 (48)
52663 / 52683	1 (744)	4,500	80 dB(A)	41 (1,161)	3/8 (10)	3/8" NPT	—	3.1 (1.4)	12-1/2 (317)	1-7/8 (48)

Tune-Up Kit: No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Gearless Models

- Gearless for reduced maintenance and downtime.
- Governor-controlled to maintain RPM under heavy load.
- Safety-lock lever is standard on all models.
- Lightweight thermal-insulated housing reduces cold air transmission and vibration to operator.
- Unique anti-clog exhaust baffling.

**Model 52665**  
9,000 RPM, 1/4" Collet

**Model 52666**  
12,000 RPM, 1/4" Collet

**Model 52667**  
15,000 RPM, 1/4" Collet

**Model 52668**  
18,000 RPM, 1/4" Collet

**Model 52669**  
20,000 RPM, 1/4" Collet

**Model 52685**  
9,000 RPM, 6 mm Collet

**Model 52686**  
12,000 RPM, 6 mm Collet

**Model 52687**  
15,000 RPM, 6 mm Collet

**Model 52688**  
18,000 RPM, 6 mm Collet

**Model 52689**  
20,000 RPM, 6 mm Collet



Use a carbide burr to easily blend weld seams.



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 157.)



**Gearless**

Model Number 1/4" / 6 mm	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52665 / 52685	1 (744)	9,000	82 dB(A)	36 (1,020)	3/8 (10)	3/8" NPT	—	2.1 (1.0)	8-3/4 (221)	1-7/8 (48)
52666 / 52686	1 (744)	12,000	83 dB(A)	38 (1,076)	3/8 (10)	3/8" NPT	—	2.1 (1.0)	8-3/4 (221)	1-7/8 (48)
52667 / 52687	1 (744)	15,000	80 dB(A)	39 (1,104)	3/8 (10)	3/8" NPT	—	2.1 (1.0)	10 (254)	1-7/8 (48)
52668 / 52688	1 (744)	18,000	81 dB(A)	40 (1,133)	3/8 (10)	3/8" NPT	—	2.1 (1.0)	10 (254)	1-7/8 (48)
52669 / 52689	1 (744)	20,000	80 dB(A)	44 (1,256)	3/8 (10)	3/8" NPT	—	2.1 (1.0)	10 (254)	1-7/8 (48)

Tune-Up Kit: No. 96532 (page 192) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



**FASTTRACK**

Collet Inserts: Page 94 • Carbide Burrs: Page 189 • Accessories: Page 159