

F-GRIND 4080 AH

15.5x31" Surface Grinding Machine



F-Grind 4080 AH Surface-Grinding Machine 15.5x31" \$37,900



With a spindle that runs on preloaded precision angular ball bearings and automatic transverse and longitudinal feed, the F-Grind AH series offers unmatched precision and reliability. The table guideways are hardened, ground, and PTFE coated resulting in high wear resistance for years of heavy use. The available easy to use AD 5 NC-Control gives operators control of automatic vertical feed of the grinding wheel, automatic cross feed of the table, automatic control of the number of passes, and various pre-set grinding cycles.

Standard Configuration:

- Grinding wheel
- Grinding wheel flange
- Balancing arbor
- Balancing stand
- Diamond dresser
- Work light
- Coolant system
- Leveling pads and bolts
- Tool kit

Options included on this machine:

- AD5 NC control with Auto-downfeed \$4900
- Electromagnetic Chuck 400mmx800mm \$3200
- Auto Demag and Chuck Control \$545
- Coolant with Magnetic Separator \$1535
- Parallel Dresser \$590
- Semi Enclosure \$1295

Specifications

Table dimensions (W/L)	400x800 mm (15.5x31")
Max. workpiece dimensions	450x860 mm (17.5x33.5")
Distance spindle center-table	550 mm [opt. 650] (21.6 [opt. 25"])
Longitudinal feed rate	5-25 m/min (195-975"/min)
Automatic transverse feed increment	0.1-20 mm (0.004-0.8")
Rapid cross feed	900 mm/min (35"/min)
Transverse feed increment	0.02 mm (0.0008")
Transverse feed per revolution	5 mm (0.2")
Vertical feed increment	0.01 with AD5 (0.0004")
Vertical feed per revolution	2 mm (0.08")
Rapid vertical feed	450 mm/min (17"/min)
Automatic down feed	0.001-0.999 mm (0.00004-0.04")
Spindle speed	1450 rpm
Grinding wheel dimensions	406 x 50 x Ø127 mm
OD/bore/width	(16x2x5")
Main spindle motor	3.75 kW (5 Hp)
Hydraulic pump motor	1.5 kW (1 Hp)
Dimensions (LxWxH)	2760x2280x2150 mm (108x89x84")
Weight	3250 kg (7,150 lbs)

Total Value: \$49,965
In-Stock Special
\$46,900!

