



**PFG100100AHRD**  
**Excel Hydraulic Surface Grinder Cantilever Type**  
**1-505-101**



Product details

- A.H.R. models have automatic hydraulic feed longitudinal and cross, power rapid up and down.
- A.H.R.D. models are fully automatic.
- These are with longitudinal and cross hydraulically controlled autofeed, power rapid up and down, automatic down feed.
- Double wall column makes the machine extremely rigid and suitable for heavy duty precision work.
- X & Y ways are coated with turcite-B providing smooth movement and long life.
- Automatic lubrication to slideways.
- Super precision machine provides accuracy and excellent finish.
- Easy and quick to set up which save time and increases profitability.
- High engineering standards ensure reliability and repeatability.
- Most modern manufacturing techniques are used and machines are produced in large quantities which enables us to market at lost competitive prices.
- Low prices and long working life makes them most economical.
- Spindle is of high precision direct drive, super precision angular contact bearing ensures accurate and vibration free.

Specifications

Auto Cross feed increment approx	0.5mm-20mm
Auto Downfeed	0.001mm-0.1mm
Cross feed on Handwheel	5mm (1 rev) 0.02mm (1 gra)
Floor Space	450 x 300mm
Hydraulic Pump Motor	7.5HP
Max Distance CL of Spindle to table	800mm/
Maximum Surface Ground	1000 x1000
Maximum Table Travel	1050 x1100
Model	PFG100100AHRD
Net Weight	1000Kgs
Rapid power cross feed approx	1050mm/min (60Hz) 900mm/min (50Hz)
Rapid Power Head Elevation approx	60mm/min 240mm/min <60Hz & 50Hz>
Table Guideway	V & V way
Table Speed	3-25m/min
Wheel Dimension	406 x 50.8 x 127mm
Wheel Speed RPM	1750RPM (60Hz)/1450RPM (50Hz)

Working Surface of Table H mm 1000

Working Surface of Table W mm 1000

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## Contact Excel Machine Tools

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