

# Precigrind

## Surface Grinding Machine



- Taiwan Hydraulic Manifold, Pump, Motor and Flow Control Valve (Hydraulic Models)
- 2V Slides on Cross and V & Longitudinal (Hydraulic Model)
- Turcite B on Long & Cross Slides (Hydraulic Model)
- Class P4 Spindle Bearings
- Automatic Lubrication (Hydraulic Models)

# Precigrind

## Surface Grinding Machine

### Technical Specification

DESCRIPTION	UNIT	PG1020/H/AH	PG1224H/H/AH
Max. workpiece to be Ground ( L×W×H)	mm	540×250×300	600 x 300 x 355
Max. Grinding Length	mm	560	630
Max. Grinding Width	mm	250	320
Distance From Table Surface to Spindle Center	mm	450	530
Slide way	X	Manual - Twin Rail with ball Hydraulic - V & Flat with Turcite	Manual - Twin Rail with ball Hydraulic - V & Flat with Turcite
	Y	Twin V with Turcite	Twin V with Turcite
Table Load	Kg	200	200
Table Size (L×W)	mm	540x250	600x300
Number of T-Slot	mmxn	14x1	14x1
Speed of Working Table	m/min	3-23	3-20
Cross Feed on Handwheel	mm	0.02/Graduation 2.5/revolution	0.02/Graduation 2.5/revolution
Vertical Feed On Handwheel	mm	0.01/Graduation 1.25/revolution	0.01- 2.0/revolution
Wheel Size (dia. x width x bore )	mm	200x20x31.75	250x25.4x76.2
Spindle Speeds	rpm	2850	1450
Spindle Motor	kw	1.5	2.2
Hydraulic Station motor (Only H Models)	kw	1.5	2.2
Rapid Up and Down Motor (Only H Models)	W	-	120
Working Pressure (Only H Models)	Mpa	3	4
Max. Capacity (Only H Models)	L/min	18	20
Capacity of oil tank (Only H Models)	L	80	100
Coolant Pump	kw	0.4	0.4
Machine Size (L×W×H)	mm	1600×1220×1720	1900x1480x1850
Packing Size (L×W×H)	mm	1630×1250×1940	1960x1640x2020
Net / Gross	kg	900/1000	1400/1300

H : Longitudinal Travel Hydraulic  
A : Cross Travel Motorised

#### STANDARD ACCESSORIES

- Permanent Magnetic Chuck
- Grinding Wheel
- Wheel Dresser
- Diamond Pen
- Balancing Stand & Shaft
- Puller for Adaptor
- Coolant System
- Work Lamp
- Tool Box with Tools
- Knurling Screw

#### OPTIONAL ACCESSORIES

- Tilttable permanent-magnetic chuck
- Micro feed on vertical direction
- Precision flat plier
- Demagnetizer



### ASSOCIATED TECHNOCRATS PVT. LTD.

Email: sales@atplonline.in, info@atplonline.com  
Website: [www.allmachines.in](http://www.allmachines.in), [www.atplonline.biz](http://www.atplonline.biz)  
Phone : +91 9818912000, +91 8130870100

#### Sales & Demo Center

A-72, Sector 64, Noida- 201305,  
U.P.  
Phone: +91-120-240 0100, 240 0102

#### Delhi Office

A-318, Ansal Chambers-I, Bhikaji Cama Place,  
New Delhi-110066  
Phone: +91-11-26106767, 26186851