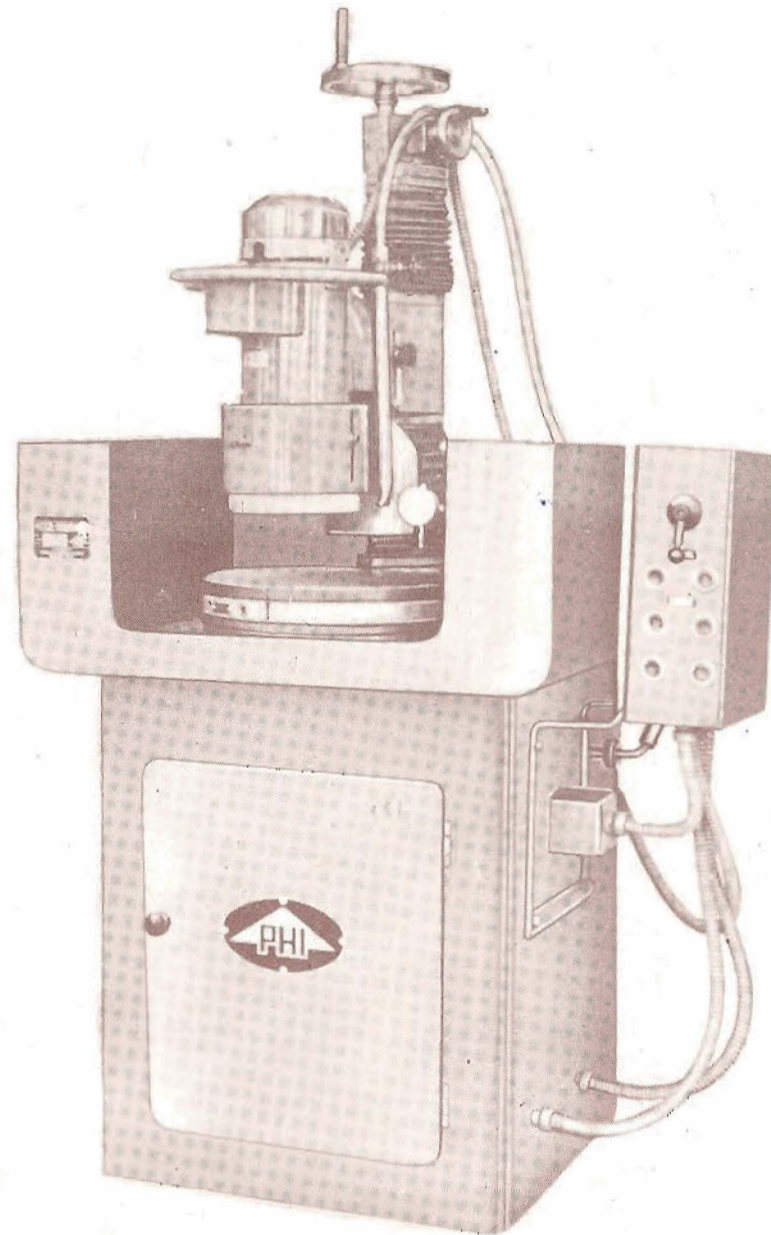


PRAKASH SURFACE GRINDER

(VERTICAL SPINDLE SWIVELLING
HEAD ROTATING TABLE)
ACCUGRIND 300



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MACHINE

SURFACE GRINDER is designed and precisely Engineered for precision grinding of work pieces. The strong steel fabricated stand acts as base. It accommodates rotating Table which is mounted on precision Taper roller bearings. Table is driven by heavy duty reduction gear box. Column is mounted in housing with precision bearing at two places for smooth swivel-

ing. Wheel head is provided with balanced rotor with grinding spindle which is mounted in precision bearings. Spindle is provided with taper portion on which Grinding wheel with adaptor is mounted for correct location. Surface parallelity 20 microns after grinding is obtained normally with surface finish of 5 microns.

SPECIFICATIONS

01. Centre Distance -Column & Wheel Head	300 mm.
02. Max. Height of Work Piece	200 mm.
03. Grinding Surface Dia	300 mm.
04. Main Drive Motor	2.2KW.2800RPM 415V 3-Ph. 50C/s.
05. Grinding Wheel Size (Type-6)	200 X 100 X 31.75 X R25 X B25 mm.
06. Table Motor	0.55KW.1440RPM.415 V.3 p.H. 50C/s.
07. Table Speeds	20 and 50 RPM
08. Table Dia	300 mm.
09. Overall Dimension	820 L X 860 B X 1730 H mm.
10. Net Weight	500 kgs approx.

Note : 01. Surface Grinder is also available with 400 mm and 450 mm Dia. Table. Accugrind 400 & 450

02. Venus 2015 Surface Grinder with fixed table size 200 X 150 mm is also available. other specifications as above.

STANDARD EQUIPMENTS

01. Wet Grinding Arrangement Consisting of fabricated M.S Tank, Motorised Pump and Pipe Fittings.
02. Grinding wheel Adaptor with provision for balancing of wheel.
03. Spanner for cup Wheel.
04. Wheel Dressing attachment (Without diamond dresser.)
05. Circular Permanent magnetic Chuck 300mm Dia close pole pitch.
06. Balancing mandrel.
07. Measuring Attachment for Dial gauge.

EXTRA : 1) Wheel Balancing stand.
2) Ball Screw and Nut in lieu of Std. Screw and Nut.

PHI the manufacturers of small machine tools, started its activity in small workshop in the year 1960 in Belgaum City. Initially it started producing Hand Operated Punching Machine, Hand Presses and Sheet metal components. In the year 1976 it shifted its factory in modern building in Udyambag, Belgaum for better production. Now PHI is manufacturing small machine tools, Radial and Pillar Drilling Machine, Centre Lathes, Vertical Spindle Surface Grinders, Tool and Cutter Grinder, Filing Machine are designed and manufactured indigenously. Machine tools are produced with good Quality of Raw Materials, rigorous quality control and skilled workmanship. PHI is known for producing finest Quality of machine tools in small sector, for Reliability and prompt after sales services.



MANUFACTURERS

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