



ASIA MACHINES



## SURFACE GRINDING MACHINE MANUAL



**Base:** The Machine is Built of Heavy duty cast iron with high Grade cast iron base hand Scraped to fine tolerance to Achieve highest Accuracy. Designe Make Easy Movement of table Slide. By Proviing V-ways and flat ways duly hand Scraped to fine Tolerance to Achieve Highest Accuracy.

**Wheel Head:** The Grinding Wheel spindle is hardened & Grounded. The Spindle Runs in Precision angular Contact Bearings and driven by flange Mounted Motor though Flexible Couplings, Ensuring through Free Service for a long life.

**Micro Feed System:** Vertical Grinding wheel Slide Movement down at right side in the body. The Vertical wheel dial least count in 0.01 mm. and Micro feed least count in 0.002 mm.

### TECHNICAL SPECIFICATION

Working Surface of the table	225 x 450mm	300 x 600mm
Maximum Height from Table to Grinding Wheel	275mm	275mm
Vertical Feed Least Count	0.01mm	0.01mm
Micro Feed Least Count	0.002mm	0.002mm
Cross Feed Least Count	0.05mm	0.05mm
Spindle Speed	2800 RPM	2800 RPM
Size of Grinding Wheel (Dia. X Width X Bore)	200 X 13 X 31.75mm	200 X 20 X 31.75mm
Magnetic Chuck Recommended	200 x 450mm	250 x 500mm
Electric Motor Recommended	1 HP - 2800 RPM	2 HP - 2800 RPM
<b>STANDARD ACCESSORIES:</b> * Balancing Stand & Mandrel * Diamond Dressor * Lubrication Pump * Tool Kit * One Grinding Wheel with Flange	<b>OPTIONAL ACCESSORIES:</b> * Permanent Magnetic Chuck * Coolant Equipments * Machine Lamp (230v AC) * Wheel Flange Unit	

**Note :** As improvements are made from time to time. The specification are subject to change without notice and are not binding on us. Inspection at our sight before delivery.

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