

Grinding Machines

Hydraulic Surface Grinder

Model No: DI-065

Features

- Machine's bed has unique design in which the Table and the Upright are aligned exactly at right angles.
- Saddle is guided on ground V-ways resting for high precision and smooth operations.
- Wheel Head is mounted on a constructed vertically column supported by Preloaded precision bearings. Driving pulleys are dynamically balanced.



Technical Specifications

MODEL	DI-103A	DI-103B	DI-103C	DI-103D
Max. Table Size (mm)	200 x 450	300 x 450	200 x 600	300 x 600
Max. Longitudinal Travel (mm)	525	525	675	675
Max. Cross Travel (mm)	240	350	240	350
Max. Spindle Center Height above Table (mm)	400	400	400	750
SPEED AND FEEDS				
Max. Table Speed (m/min)	15	1.5 to 15	1.5 to 18	1.5 to 18
Power Cross Traverse (m/min)	1000	1000	1000	1000
Auto Cross Feed at each Table reversal (infinitely variable) (mm)	0.5 to 10	0.5 to 10	0.5 to 10	0.5 to 10
Least Count of vertical feed head wheel (mm)	0.002	0.002	0.002	0.002
GRINDING HEAD				
Size of Grinding wheel (mm)	200 x 20 x 31.75	200 x 20 x 31.75	250 x 25 x 76.2	250 x 25 x 76.2
Power of spindle motor (HP)	2	2	3	3
Speed of grinding spindle (RPM)	2800	2800	2800	2800
HYDRAULIC SYSTEM				
Working Pressure (Kg/cm)	20	20	20	20
Motor (HP)	2	2	2	2
Tank capacity (Ltrs)	75	75	75	75