

ATUL MACHINE TOOLS

Hydraulic Surface Grinding Machine

Technical Specifications

ID	Model	Aarti H-1	Aarti H-2
Capacity			
1	Max. table size	225 × 450 mm	300 × 600 mm
2	Max. longitudinal travel	500 mm	650 mm
3	Max. cross traverse	225 mm	305 mm
4	Max. Spindle centre height above table	275 mm	275 mm
5	Max. table speed	14m/min	14m/min
6	Power Cross Traverse	MM / Min	2000
7	Auto crossfeed table each reversal	0.5 - 5.0 mm	0.5 - 5.0 mm
8	Least count of verticle feed hand wheel	0.01 mm	0.01 mm
9	Least count of microfeed	0.002 mm	0.002 mm
GRINDIND HEAD			
10	Size of grinding wheel (Dia × Width × Bore)	200 × 13 × 31.75 mm	200 × 13 × 31.75 mm
11	Spindle motor	1 HP	2 HP
12	Speed of Grinding wheel	2800 rpm	2800 rpm
HYDRAULIC SYSTEM			
13	Working pressure	10 kg/Cm2	10 kg/Cm2
14	Permanent Magnetic chuck	200 × 450 mm	250 × 600 mm
15	Hydraulic motor	1.5 hp	1.5 hp
16	Tank capacity	40 liters	40 liters