

ATUL MACHINE TOOLS

Mechanical Cylindrical Grinding Machine

Technical Specifications

ID	Particulars	Aarti M-0	Aarti M-1	Aarti M-2	Aarti M-3	Aarti M-4
1	Capacities MM	450	600	800	1000	1250
2	Maximum grinding length MM	450	600	800	1000	1250
3	Maximum height of centers MM	150mm	150mm	150mm	150mm	150mm
4	Maximum swing over bed	295mm	295mm	295mm	295mm	295mm
5	Maximum grinding diameter	100mm	100mm	100mm	100mm	100mm
6	Table feed	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
7	Number of table feed	6	6	6	6	6
8	Range of table feed per minute/mm	65, 140, 200, 215, 430, 635	65, 140, 200, 215, 430, 635	65, 140, 200, 215, 430, 635	65, 140, 200, 215, 430, 635	65, 140, 200, 215, 430, 635
9	Maximum table swivel	-2+7	-2+7	-2+7°	-2+7	-2+7
10	Electric motor for table drive	0.37 KW / 0.5 HP	0.37 KW / 0.5 HP	0.37 KW / 0.5 HP	0.37 KW / 0.5 HP	0.37 KW / 0.5 HP

11	Taper in workhead spindle	MT - 4	MT - 4	MT - 4	MT - 4	MT - 4
12	Transverse movement of wheel head	125 mm MAX.	125 mm MAX.	125 mm MAX.	125 mm MAX.	125 mm MAX.
13	Size of grinding wheel	400 x 38 x 127 mm	400 x 38 x 127 mm	400 x 38 x 127 mm	400 x 38 x 127 mm	400 x 38 x 127 mm
14	RPM of grinding wheel	1550 RPM	1550 RPM	1550 RPM	1550 RPM	1550 RPM
15	Taper in tailstock spindle	MY - 4	MY - 4	MY - 4	MY - 4	MY - 4
16	Coolant pump	0.11 KW / 0.15 HP	0.11 KW / 0.15 HP	0.11 KW / 0.15 HP	0.11 KW / 0.15 HP	0.11 KW / 0.15 HP

