

# ATUL MACHINE TOOLS

## Heavy Duty Lathe Machine

### Technical Specifications

ID	Particulars	Amar 0	Amar 1	Amar 2	Amar 3	Amar 4
1	Length of Bed	1675 mm	2130 mm	2740 mm	3050 mm	3650 mm
2	Admit Between Centre	500 mm	965 mm	1575 mm	1905 mm	2515 mm
3	Height of Centre Over flat bed Ways.	255 mm	255 mm	255 mm	255 mm	255 mm
4	Max Sawing over bed	480 mm	480 mm	480 mm	480 mm	480 mm
5	Max Sawing over Cross Slide	285 mm	285 mm	285 mm	285 mm	285 mm
6	Max Sawing in gap	785 mm	785 mm	785 mm	785 mm	785 mm
7	Length of gap in front of face plate.	200 mm	200 mm	200 mm	200 mm	200 mm
8	Cross Slide Travel	270 mm	270 mm	270 mm	270 mm	270 mm
Main Spindle						
9	Spindle Nose Dia/Threads	74.3 x 6 TPI	74.3 x 6 TPI	74.3 x 6 TPI	74.3 x 6 TPI	74.3 x 6 TPI
10	Spindle Bore	52 mm	52 mm	52 mm	52 mm	52 mm
11	No. of Spindle Speed	8	8	8	8	8
12	Range of Spindle R.P.M	30 to 550 R.P.M.	30 to 550 R.P.M.	30 to 550 R.P.M.	30 to 550 R.P.M.	30 to 550 R.P.M.
13	Range of Spindle Diameter	50 mm	50 mm	50 mm	50 mm	50 mm

TAIL STOCK SPINDLE						
14	Tail Stock Spindle Travel	180 mm	180 mm	180 mm	180 mm	180 mm
15	Tail Stock Spindle Morse Taper	MT-4	MT-4	MT-4	MT-4	MT-4
Lead Screw						
16	Diameter / Threads	38 mm x 4 TPI	38 mm x 4 TPI	38 mm x 4 TPI	38 mm x 4 TPI	38 mm x 4 TPI
17	No. of threads and pitch rang	Metric 13 (1 to 6 pitch) Inch 19 (2 to 24 TPI)	Metric 13 (1 to 6 pitch) Inch 19 (2 to 24 TPI)	Metric 13 (1 to 6 pitch) Inch 19 (2 to 24 TPI)	Metric 13 (1 to 6 pitch) Inch 19 (2 to 24 TPI)	Metric 13 (1 to 6 pitch) Inch 19 (2 to 24 TPI)
18	V-Belt	B - 73	B - 73	B - 73	B - 73	B - 73
19	Flat Belt	50 x 1900 mm	50 x 1900 mm	50 x 1900 mm	50 x 1900 mm	50 x 1900 mm