



LATHE MACHINE



AN ISO 9001 : 2000 CERTIFIED COMPANY

Medium Duty Lathe Machine



www.premierlathe.co.in

Technical Specification

Capacity	
Center Height	8.1/2" - 215 mm
Swing Over Bed	16" - 405 mm
Swing Over Cross Slide	9.1/2" - 240 mm
Swing in Gap	26" - 660 mm
Bed	
Bed length	Admit Between Center
MD - 1 (4' - 6" - 1370 mm)	22" - 555 mm
MD - 2 (6' - 0" - 1830 mm)	39" - 1000 mm
Bed type	2 V & 2 Flat
Bed Width	11" - 280 mm
Length of Gap in front of face Plate	6" - 150 mm
Head Stock	
Number of Spindle Speed	6
Range of Spindle Speed	40 to 550 RPM
Spindle Bore	2" - 50 mm
Spindle Threads	6 TPI
Spindle Morse Taper (Inside)	MT - 4
Carriage & Compound	
Cross Slide Dimension	6.3/4" - 170 mm X 15" - 380 mm
Cross Slide Travel	7.1/2" - 190 mm
Compound Slide Dimension	4" - 100 mm X 10" - 254 mm
Compound Slide Travel	5.1/2" - 140 mm
Tool post square	4" - 100 mm
Tool Shank Section	3/4" - 19 mm X 3/4" - 19 mm
Tail Stock	
Spindle Diameter	2" - 50 mm
Spindle Travel	6.1/2" - 165 mm
Spindle Morse Taper	MT - 4
Threads	
Number of Threads Range in Metric	21
Number of Threads Range in Inch	29
Number of Pitch Range in Metric	0.5 to 7 PITCH
Number of pitch Range in Inch	4 to 48 TPI
Lead Screw Diameter	1.1/4" - 31.75 mm
Lead Screw Threads	4 TPI

Standard Accessories :

Chuck Back Plate, Tool Post Spanner, Centre Adapter, Dead Centers - 2 Nos, Motor Pulley, Change Gear Set

Optional Accessories :

Face Plate, Steady Rest, Follow Rest, Carrier Plate, Full Or Semi Norton Gear Box, Rear Tool Post With Extended Cross Slide, Coolant Pump With Tank And Fittings, Taper Turning Attachment, Machine Lamp, Electric Motor, R/f Switch, Motor V-belt, Dog Chuck, True Chuck, Spindle Bore 3.1/8" - 80 mm

Electrical :

Motor Recommended 2 H.P. / 1.5 KW