



# LATHE MACHINE



AN ISO 9001 : 2000 CERTIFIED COMPANY

All Geared Precision Lathe Machine



Model : MDGH

### Special Features :

- 1) Induction Hardened Bed Ways.
- 2) Bed is made from high quality cast iron & strictly inspected with Micro level & straight edge.
- 3) Headstock spindle & shafts are made from high tensile steel duly hardened & ground.
- 4) Headstock gear are made from high tensile steel duly hardened & ground.
- 5) Tail stock spindle is hardened & ground, made from alloy steel.
- 6) Norton and Apron Gear Box is totally enclosed oil bath system.
- 7) Meticulous care is taken in selecting the right raw material for every component. Each & every component is passed through strict quality control.
- 8) Machine accuracy is tested as per IS : 1878 (Part - I) 1971.

### Standard Accessories :

Chuck back plate, Tool Post Spanner, Centre adapter, Dead centers - 2 nos, Full Norton gear box, Electric motor, Motor V-belt, Switch.

### Optional Accessories :

Face plate, Steady rest, Follow rest, Carrier plate, Rear tool post with extended cross slide, Quick change tool post with tool holder, Taper turning attachment, Machine lamp, Electric control panel, Switch shaft, Foot brake, Coolant pump with tank, Rear splash guard, Dog chuck, True chuck, Revolving centre.

- \* The Above Specifications are Approximate and Subject to Change without Prior Notice as Improvements are Made From Time to Time.
- \* All The Parts Shown in Photo are not Included in Standard Accessories.

## Technical Specification

<b>Capacity :</b>	
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
<b>Bed :</b>	
Bed length	Admit Between Center
MDGH - 1 (4' - 6" - 1370 MM)	22" - 555 MM
MDGH - 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
<b>Head Stock :</b>	
Number of Spindle Speed	8
Range of Spindle Speed	65 to 1100 RPM
Spindle Bore	2" - 50 MM
Spindle nose : Standard Threaded	A2 Size 5
Spindle Morse Taper (Inside)	MT - 4
<b>Carriage &amp; Compound :</b>	
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
<b>Tail Stock :</b>	
Spindle Diameter	2" - 50 MM
Spindle Travel	6.1/2" - 165 MM
Spindle Morse Taper	MT - 4
<b>Threads :</b>	
Number of Threads Range in Metric (mm)	20
Number of Pitch Range in Metric (mm)	0.5 to 7.5 MM
Number of Threads Range in British (inch)	36
Number of pitch Range in British (inch)	4 to 60 TPI
Lead Screw Diameter	1.1/4" - 31.75 MM
Lead Screw Threads	4 TPI
<b>Electrical :</b>	
Motor recommended	2 H.P / 1.5 KW

Manufacturer & Exporter

**Premier Lathe Manufacturing Co.**

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