

India's Largest Selling Lathe Machine



**All Geared
Lathe Machine**



Flame Hardened Bedways



Model 225 All Geared Lathe

Accuracy Tested as per
IS 1878-1971 Standard
Special Features

- * Bed is made from 25 Grade Cast Iron of 180 BHN hardened, strictly inspected with Microlevel, Hardness Tester and Straight Edge.
- * Boring of Head Stock is done on WMW boring machine fitted with induction hardened and ground Spindle made from alloy steel.
- * Apron is totally enclosed oil bath system with lever type arrangement for automatic feeds.
- * HEAD STOCK is totally enclosed oil bath system & gear made from EN-8 (Liquid night riding)
- * **DOUBLE SCREW NORTON GEAR BOX** :- Provided as time Sever equipment with separate Thread & Feed Shaft. Thus, feed & thread gears could be changed reqpidly and decreases the wear and tear in Half nut and Lead Screw.
- * Hexagonal shaped Tail Stock with hardened and ground tail stock Spindle made from alloy steel having external and internal grinding.
- * Instruction Manual as per indian Standard IS - 1878 (part -I) 1971.
- * COLOUR OPTION :- Emerald Green / Blue & White (Two Tone)

STANDARD ACCESSORIES

- * Change Gear Set (Inch & mm)
- * Chuck Plate
- * Tool Post Key
- * Centre Adaptor
- * Dead Centre (2 Nos.)
- * Motor Pulley
- * 2 HP 3 Phase Motor
- * R.F. Switch & V-Belt
- * Four Position Tool Post.
- * Steady Rest
- * Follow Rest
- * Face Plate

EXTRA ACCESSORIES

- * Dog or True Chuck
- * Coolant Pump, Tank and Nozzle
- * Quick Change Tool Post / Rear Tool Post
- * Taper Turning Attachment
- * Splish Guard
- * Key Way Attachment
- * Grinding Attachment
- * Machine Lamp
- * Revolving Centre
- * Milling Attachment
- * Digital Read Out Z.

SPECIAL REQUIREMENT

- * Any Special Requirement as per Customer's Drawing.

TECHNICAL DATA

SPECIFICATION	200 AGL - 4	200 AGL - 6
BED :		
Bed Type	2 V & 2 Flat	2V & 2 Flat
Bed Length	1372 (4' 6")	1825 (6')
Bed Width	275 (11")	275 (11")
Gap Length	125 mm	125 mm
Gap Length in front of face plate	110 mm	110 mm
CAPACITY:-		
Height of Centre	200 (8.0")	200 (8.0")/225
Swing Over Bed	350 mm	350 mm
Swing Over Cross slide	200 mm	200 mm
Swinging Gap	500 mm	500 mm
Admit Between Centre	487 mm	940 mm
Movement of Cross Slide	200 mm	200 mm
Movement of Compound Slide	110 mm	110 mm
MAIN SPINDLE:		
Spindle Nose	Ø 75 MM Theraded Type	Ø 75 MM Theraded Type
Taper Bore in Spindle Sleeve	MT - 3	MT - 3
Spindle Bore	Ø 40mm	Ø 40mm
TAIL STOCK :		
Quil Dia	Ø 50 MM	Ø 50MM
Taper in Quill	MT - 4	MT - 4
Quill Travel	170 MM	170 MM
SPEED :		
No. of Spindle Speed	8	8
RPM (Low / High)	55 - 1000	55 - 1000
THREADS:		
Metric Thread	16 (0.5 to 4 mm)	16 (0.5 to 4 mm)
English Thread	32 (4 to 60 TPI)	32 (4 to 60 TPI)
Lead Screw	Ø 32MM x 4 TPI	Ø 32MM x 4 TPI
Feed Shaft	Ø 1"	Ø 1"
ELECTRICALS:		
Motor Power	1.5 KW / 2 HP	1.5 KW / 2 HP
MOTOR DRIVE:		
Teethed 'V' Belt	B - 32	B - 32
GENERAL:		
weight (Approx.)	800 kg	900 kg
Floor Space Occupied (Approx.) L x W x H	1675x540x1160mm	2050x540x1160mm

Sold & Serviced By:



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