

## Special Features

- The bed is made from 25 Grade cast iron of 180 BHN Hardness & seasoned after rough machining to avoid stresses.
- Apron is totally inclosed oil bath system with level type arrangement for automatic feeds.
- Hexagonal shaped tail stick with hardened and ground tail stock spindle made from alloy steel having external and internal grinding.
- Test Report as per Indian Standard 15-1878 (Part-1) 1971

## Standard Accessories:

- Change Gear Set
- Chuck Plate
- Tool Post Key
- Center Adaptor
- Dead Center (2Nos)
- Drive "V" Belt
- Motor Pulley
- Four Position tool Post

## Extra Accessories:

- Dog or True Chuck
- Electric Motor & "V" Belt with Electrical
- Coolant Pump, Tank & Nozzle
- Quick change tools Post/Rear Tool Post
- Taper turning attachment
- Reverse-Forward Switch
- Follow Rest - Steady Rest - Face Plate



**India's Fastest Selling Lathe**

**WORLD CLASS**



**LEEDS**

SPECIFICATION	LIGHT DUTY LATHE MACHINES			MEDIUM DUTY LATHE MACHINES	
	LD - 1	LD - 2	LD - 3	MD - 2	MD - 3
<b>CAPACITY</b>					
Height of Center (mm)	165	165	165	215	215
Swing over bed (mm)	320	320	320	410	410
Swing over cross slide (mm)	510	510	510	610	610
Swing Gap (mm)	180	180	180	280	280
Admit between center (mm)	700	700	700	520	520
Movement of cross slide (mm)	200	200	200	200	200
Movement of Compound Slide (mm)	115	115	115	120	120
<b>BED</b>					
Bed Type	2 V & 2 Flat	2 V & 2 Flat	2 V & 2 Flat	2 V & 2 Flat	2 V & 2 Flat
Bed Length	1375 (4'-6")	1375 (4'-6")	1375 (4'-6")	1375 (4'-6")	1375 (4'-6")
Bed Width (mm)	240	240	240	280	280
Gap Length (mm)	120	120	120	125	125
<b>MAIN SPINDLE</b>					
Spindle Nose (mm)	Ø62	Ø62	Ø62	Ø74.3	Ø74.3
Taper Bore in Spindle Sleeve	MT - 3	MT - 3	MT - 3	MT - 4	MT - 4
Spindle Bore (mm)	Ø40	Ø40	Ø40	Ø54	Ø54
<b>TAIL STOCK</b>					
Quill Dia (mm)	Ø38	Ø38	Ø38	Ø50	Ø50
Taper in Quill	MT - 3	MT - 3	MT - 3	MT - 3	MT - 3
Quill movement (mm)	150	150	150	150	150
<b>THREADS</b>					
Metric Thread	13 (1 to 6mm)	13 (1 to 6mm)	13 (1 to 6mm)	13 (1 to 6mm)	13 (1 to 6mm)
English Thread	19 (2 to 24 TPI)	19 (2 to 24 TPI)	19 (2 to 24 TPI)	19 (24 TPI)	19 (24 TPI)
Lead Screw	Ø1" x 4 TPI	Ø1" x 4 TPI	Ø1" x 4 TPI	Ø1.25" x 4 TPI	Ø1.25" x 4 TPI
<b>SPEED</b>					
No. of Spindle Speed	8	8	8	8	8
RPM (Low/High)	40 - 800	40 - 800	40 - 800	35 - 500	35 - 500
<b>ELECTRICAL</b>					
Motor Power	1.5HP/1.12KW	1.5HP/1.12KW	1.5HP/1.12KW	2HP/1.5KW	2HP/1.5KW
<b>DRIVE</b>					
"V" Belt	B-42	B-42	B-42	B-48	B-48
<b>GENERAL</b>					
Weight (Approx.) (Kg)	460	525	600	750	825
Floor Space (Approx.) L x W x H	1600x1700x1370	1900x700x1370	2125x7000x1370	180x540x1160	2125x540x1160

All specifications in this catalogue are subject to change without prior notice.

Light and Medium Duty Lathe Machines

## SHIV MACHINE TOOLS

Website : [www.shimato.in](http://www.shimato.in) Sales : [info@shimato.in](mailto:info@shimato.in) Service : [service@shimato.in](mailto:service@shimato.in)

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