

**Dilip**<sup>®</sup>

**PRECISION LATHE MACHINE**



**Model : 4s**

Machine shown with accessories.



# Dilip®

## PRECISION LATHE MACHINE



### SPECIFICATIONS: MODEL NO. 4s

#### STANDARD ACCESSORIES :

- ❖ 4 Speed Semi Norton Gear Box with Feed Shaft
- ❖ Change Gear Set
- ❖ Motor Pulley
- ❖ Chuck back plate
- ❖ Spindle Sleeve
- ❖ Dead Centres
- ❖ Tool Post Key
- ❖ Spare parts & Instruction book

#### SPECIAL FEATURES :

- ❖ Flame hardened and ground bed for minimum wear
- ❖ The main spindle is supported on anti-friction taper roller bearing (SKF)
- ❖ Head Stock / Counter pulley dynamically balanced
- ❖ Rotating parts are made from 25 grade cast iron
- ❖ Steel parts made form EN-8 steel
- ❖ All components machined using jigs & fixtures to close tolerances, thus providing easy interchangeability
- ❖ Wide variety of optional accessories for higher productivity
- ❖ Tasted as per IS-1878-1971

#### OPTIONAL ACCESSORIES :

- ❖ Steady Rest
- ❖ Follow Rest
- ❖ Face Plate
- ❖ Rear Tool Post
- ❖ Quick Change Tool Post
- ❖ Milling Attachment
- ❖ Coolant Pump with Tank & Adjustable Nozzle
- ❖ Taper Turning Attachment
- ❖ Dog & True Chuck
- ❖ Machine Lamp
- ❖ Splash Guard
- ❖ 3 Way Indexing Carriage Stopper
- ❖ Electric Motor

	4'-6"	5'-6"
<b>CAPACITY :</b>		
Height of Centre	165 MM	165 MM
Swing over Saddle	190 MM	190 MM
Admit between Centre	740 MM	1030 MM
Admit in Gap (front of Face -Plate)	500 x 112 MM	500 x 112 MM
Swing over Bed	320 MM	320 MM
Length of Bed	1370 MM	1660 MM
Width of Bed	225 MM	225 MM
<b>HEAD STOCK :</b>		
Spindle Drive	V -BELT	V-BELT
Hole through the Spindle	40 MM	40 MM
Morse Taper of Centre	MT - 5	MT - 5
Spindle Nosetype & size	60 MM x 8 TPI	60 MM x 8 TPI
Spindle Speeds	8	8
Range of spindle speeds	40 TO 950 RPM	40 TO 950 RPM
<b>TAIL STOCK :</b>		
Taper bore in Sleeve	MT - 3	MT - 3
Sleeve Travel	115 MM	115 MM
Sleeve Dia	38 MM	38 MM
<b>CARRIAGE :</b>		
Compound Slide Swivelling Degree	90 - 0 - 90	90 - 0 - 90
Compound slide travel	115 MM	115 MM
Tool Shank capacity	20 MM	20 MM
<b>FEEDS :</b>		
Longitudinal Feeds	0.05 to 1.25	0.05 to 1.25
Cross Feeds	0.0007 to 0.22	0.0007 to 0.22
<b>THREADS PITCHES :</b>		
Metric Threads	M .5 to 6	M 1 to 6
Inches Threads	4 to 60 TPI	2 to 24 TPI
<b>LEAD SCREW :</b>		
Diameter	25.4 MM (1")	25.4 MM (1")
Threads	4 TPI	4 TPI
<b>DRIVE AND ELECTRICAL :</b>		
'V' belt section	B - 52	B-52
Motor Drive Capacity (1440 rpm, 3 Ph, 415 V)	1 HP	1 HP
<b>WEIGHT &amp; DIMENSIONS :</b>		
Floor space required	1500 x 675 MM	1800 x 675 MM
Case dimensions (Approx)	1650 x 800 x 1575 MM	1950 x 800 x 1575 MM
Net weight of machine (Approx)	430 Kgs.	460 Kgs.

**NOTE :** Illustrations and specifications are not binding in detail and are subject to modification and improvement without notice.

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