

**Product Name :**  
Shimoga Model Heavy Duty Lathe Machine

**Product Code :**  
Im0004

LAB ENGINEERING

### Technical Specification :

Shimoga Model Heavy Duty Lathe Machine.

Size	1500 mm	2075 mm
	5'	7
Height of centre over flat bed	235 mm	250
ways	9.1/4"	mm10"
Max. Swing over bed	455 mm	455
	18"	mm 18"
Max. Swing over cross slide	290 mm	290
	11.1/2"	mm 11.1/2"
Max. Swing in gap	775 mm	775
	30.1/2"	mm 30.1/2"
Length of gap in bed	-----	305
		mm 12"
Length of gap in front of face	200 mm	200

plate	8"	mm 8"
Width of bed	324 mm	324
	12.3/4"	mm 12.3/4"
Admit between centres	500 mm	065
	20"	mm 3' 2"
Size of threaded spindle nose		2.15/16" dia x 6 tpi
Diameter of whole through spindle	54 mm	54 mm
	2.1/8"	2.1/8"
Power of AC motor 3 phase 440 V.	1.5 kw. 2 HP	1.5 kw. 2 HP
Speed of motor (50 cycles)	1440 rpm	1440 rpm
Number of spindle speeds and range		8 (31.3 to 59.5 rpm)
Number of feeds		19
Taper of centre in head and IS.		Morse No. 4
Feed range mm/spindle revol.		
Longitudinal		16-2 mm (.006"-078")
Traverse		04-43mm (.0016" -.0188")
Lead screw diameter and pitch		38.1 mm (1.1/2") x 4 tpi
No. of metric threads and range		13 (1 to 6 mm pitch)
No. of inch threads and range		19 (2 to 24 tpi)

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