



HEAVY DUTY LATHE MACHINE



## HEAVY DUTY MACHINES

	DI/254	RI/305	RI/380
<b>BED</b>			
Height of Center Over Flat Bed Ways	254mm	305mm	380mm
Swing Over Bed	480mm	580mm	710mm
Swing Over Cross Slide	290mm	395mm	490mm
Swing in Gap	785mm	885mm	1150mm
Length of Gap in Front of Face Plate	190mm	190mm	190mm
Width of Bed	320mm	320mm	320mm
Bed Type	2 V & 2 Flat	2 V & 2 Flat	2 V & 2 Flat
<b>HEAD STOCK OR MAIN SPINDLE</b>			
Spindle Nose (Threaded Type)	Dia 76mm (*6TPI)	Dia 76mm (*6TPI)	Dia 76mm (*6TPI)
Spindle Bore	52mm	52mm	52mm
Number of Spindle Speed	8	8	8
Range of Spindle Speed (Standard Brass Type)	30 to 550 RPM	30 to 550 RPM	30 to 550 RPM
(Optional Bearing Type)	40 to 550 RPM	40 to 550 RPM	40 to 550 RPM
Morse Taper in Spindle	MT-6	MT-6	MT-6
Morse Taper in Adaptor	MT-4	MT-4	MT-4
Type of Drive (Standard)	Flat Belt	Flat Belt	Flat Belt
(Optional) V-Belt	"C" Section	"C" Section	"C" Section
<b>CARRIAGE &amp; COMPOUND</b>			
Cross Slide Dimentions	200 x 460mm	200 x 460mm	200 x 460mm
Cross Slide Travel	250mm	350mm	380mm
Top Slide (Compound Slide) Travel	140mm	140mm	170mm
Tool Shank Section	25mm	25mm	25mm
<b>TAIL STOCK</b>			
Spindle Diameter	57mm (2 1/4")	57mm (2 1/4")	57mm (2 1/4")
Spindle Morse Taper	MT-4	MT-4	MT-4
Spindle Travel	180mm	180mm	180mm
<b>LEAD SCREW</b>			
Lead Screw Diameter	38mm	38mm	45mm
Lead Screw Threads	4 TPI	4 TPI	4 TPI
<b>THREADS - PITCH</b>			
Number of Pitch in Matric	13 (1 to 6mm)	13 (1 to 6mm)	13 (1 to 6mm)
Number of TPI Range in Inches	19 (2 to 24 TPI)	19 (2 to 24 TPI)	19 (2 to 24 TPI)
<b>FEEDS</b>			
Longitadinal	0.05 to 1.25mm	0.05 to 1.25mm	0.05 to 1.25mm
Cross Slide	0.0007 to 0.22mm	0.0007 to 0.22mm	0.0007 to 0.22mm
<b>ELECTRICAL GENERAL</b>			
Electrical	3HP 1440RPM	3HP 1440RPM	5HP 1440RPM
"V" Belt Section	B Section	B Section	B Section

### Heavy Duty Machines

Model	Length	ABC*	Weight*
5'-6"	1675mm	DI & RI	500mm
7'-0"	2135mm	"	1000mm
9'-0"	2740mm	"	1600mm
10'-0"	3050mm	"	1915mm
12'-0"	3650mm	"	2525mm
14'-0"	4260mm	"	3135mm

#### ► Floor Space Occupied (approx) Model : DI

- 1) 2000 x 1450 x 1100
- 2) 2440 x 1450 x 1100
- 3) 3000 x 1450 x 1100
- 4) 3450 x 1450 x 1100
- 5) 4115 x 1450 x 1100
- 6) 4825 x 1450 x 1100

#### ► Floor Space Occupied (approx) Model : RI

- 1) 2000 x 1600 x 1300
- 2) 2440 x 1600 x 1300
- 3) 3000 x 1600 x 1300
- 4) 3450 x 1600 x 1300
- 5) 4115 x 1600 x 1300
- 6) 4825 x 1600 x 1300

**Rajlaxmi Industries**

Gondal Road, 150 Feet Road, B/h. Rajkamal Petrol Pump, Vavdi, Survey No. 44, Plot No. 60, Dist. Rajkot (Guj.) INDIA  
Cell: 99133 32700, Email: rajlaxmiind.rajkot@gmail.com