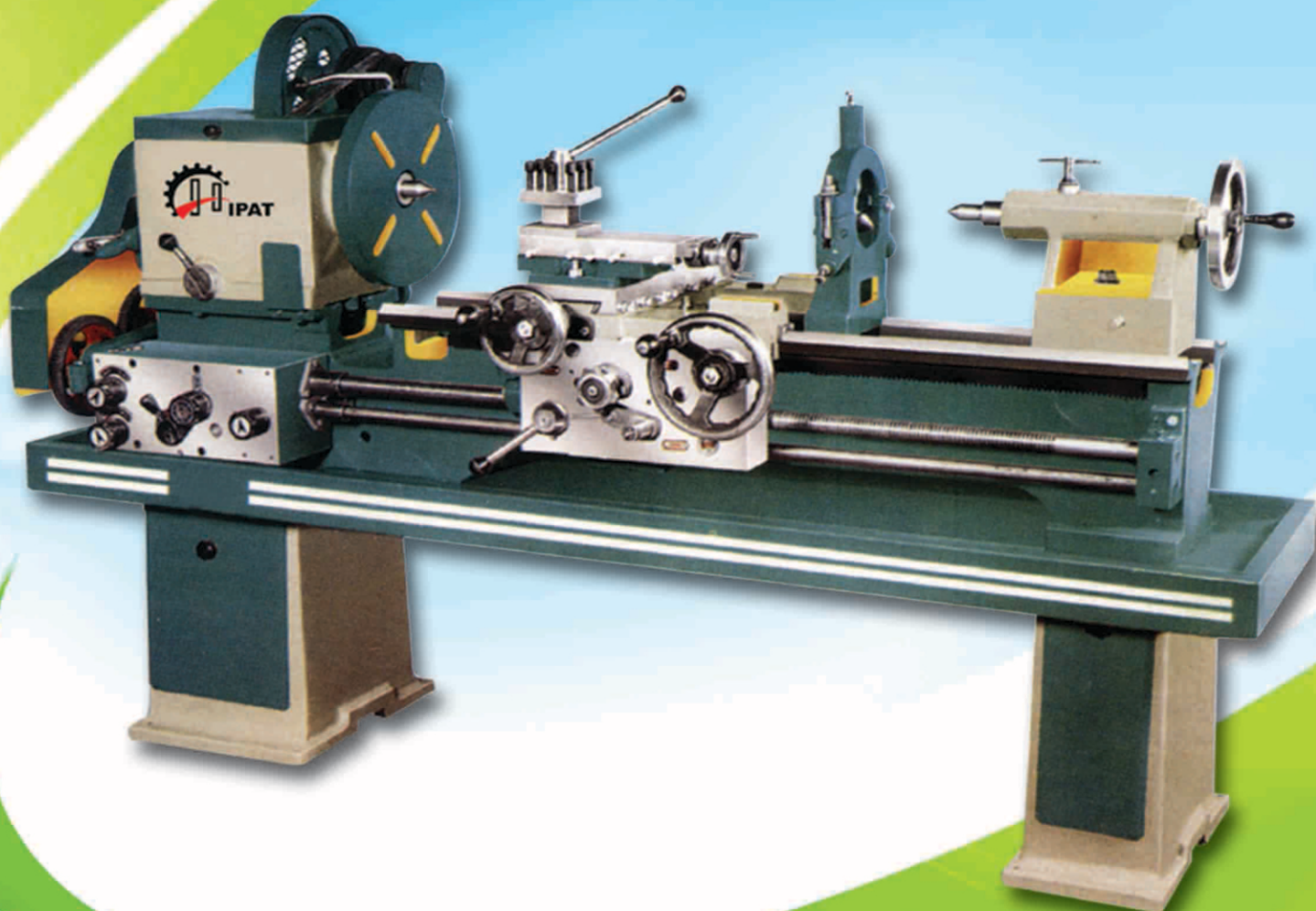




**Machines That Work**

**Precision**

# **Centre Lathe Machine**



**HIPAT MACHINE TOOLS**

PLOT NO.: 1C/90, SEC.- 9, MARKAT NAGAR, CDA, CUTTACK - 753 014 (ODISHA)  
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## SPECIAL FEATURES

### Bed

Bed & all Casting Parts Are Manufactured in a modern Foundry. the Bed is Made from A graded casting 2v & Flat Type. Hardened & ground bed ways.

### Head Stock

Head Stock Body is latest Specially design induction hardened & ground spindle of special alloy steel. All centrifugal running parts are Well balanced.

### Apron & Norton

A Four Walled closed type with oil bath apron & norton having a best quality gears. sliding & Surfacing feeds can be engaged by tightening a star Knobs & engaging lever at appropriate position.

### Tail Stock

hexagonal shapped body. tail stock spindle having external & interal grinding with MT- 4 internal taper is provide. it can be off set for taper turning.

## STANDARD ACCESSORIES

- SAFE GUARD
- CHANGE GEAR SET
- THREAD DIAL
- DEAD CENTER NO: 2
- MOTOR RAILS & V PULLEY
- SWITCH STAND
- SQUARE TOOL POST
- SPINDLE SLEEVE

## EXTRA ACCESSORIES

- STEADY & FOLLOW REST
- TRUE & DOG CHUCK
- NORTON GEAR BOX
- REAR TOOL POST
- QUICK CHANGE TOOL POST
- FACE PLATE
- ELECTRIC MOTOR & STARTER
- COOLANT PUMP
- TAPER TURNING ATTACHMENT
- TOOL POST GRINDER

MODEL	HML - 4		HML - 6	
SPECIFICATION	4'1/2" (1370 MM) INCH	MM	6'00" (1825 MM) INCH	MM
BED WIDTH	11"	279	11"	279
HEIGHT OF CENTER OVER FLAT BED WAYS	8"	203	8"	203
MAXIMUM SWING OVER BED	16"	405	16"	405
MAXIMUM SWING OVER CROSS SLIDE	9"	228	9"	228
MAXIMUM SWING IN GAP	23"	580	23"	580
ADMIT BETWEEN CENTRE	25"	635	34"	860
SPINDLE NOSE	6 TPI		6 TPI	
NUMBER OF SPINDLE SPEED	6		6	
DIAMETER OF HOLE THROUGH SPINDLE	2 1/16"	52	2 1/16"	52
INCH RANGE THREADS	4 TO 60 TPI		4 TO 60 TPI	
METRIC RANGE THREADS	0.5 TO 7.5 MM		0.5 TO 7.5 MM	
LEAD SREW DIA & PITCH	1.1/4"	31.75	1.1/4"	31.75
FEAD SAFT DIA	7/8"	22.22	7/8"	22.22
TAIL STOCK SPINDLE DIA	1.3/4	44.45	1.3/4	44.45
TAIL STOCK SPINDLE TAPER BORE	Mt4		Mt4	
TAIL STOCK SPINDLE TRAVEL	5.1/2	140	5.1/2	140
POWER REQUIRED	2 HP 1440 RPM		2 HP 1440 RPM	
APPROX WEIGHT	650 KG		750 KG	