



***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

MODEL	HLD - 4
BED LENGTH (4'-6")	1370 MM
BED WIDTH	235 MM
GAP LENGTH	120 MM

### CAPACITIES

HEIGHT OF CENTRE	165 MM
SWING OVER BED	320 MM
SWING OVER GAP	510 MM
SWING OVER CROSS SLIDE	180 MM
ADMIT BETWEEN CENTRE	660 MM
MOVEMENT OF CROSS SLIDE	215 MM
MOVEMENT OF COMPOUND SLIDE	110 MM

### HEAD STOCK

TAPER BORE IN SPINDLE SLEEVE	MT - 3
SPINDLE THREAD	6 TPI
SPINDLE BORE	41 MM
NO. OF SPINDLE SPEED	8

### TAIL STOCK

SPINDLE DIA	38 MM
TAPER IN SPINDLE	MT-3
SPINDLE MOVEMENT	125 MM

### THREADS

METRIC PITCH	1 TO 6 MM
INCH PITCH	2 TO 24 TPI
LEAD SCREW	4 TPI & 6 TPI

### ELECTRICALS

MOTOR POWER	1 H.P./0.75 KW
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### DRIVE

V BELT

### GENERAL

WEIGHT (APPROX.)	460 KG
FLOOR SPACE (APPROX.)	L-1600 MM W-915MM H-1350MM

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

