

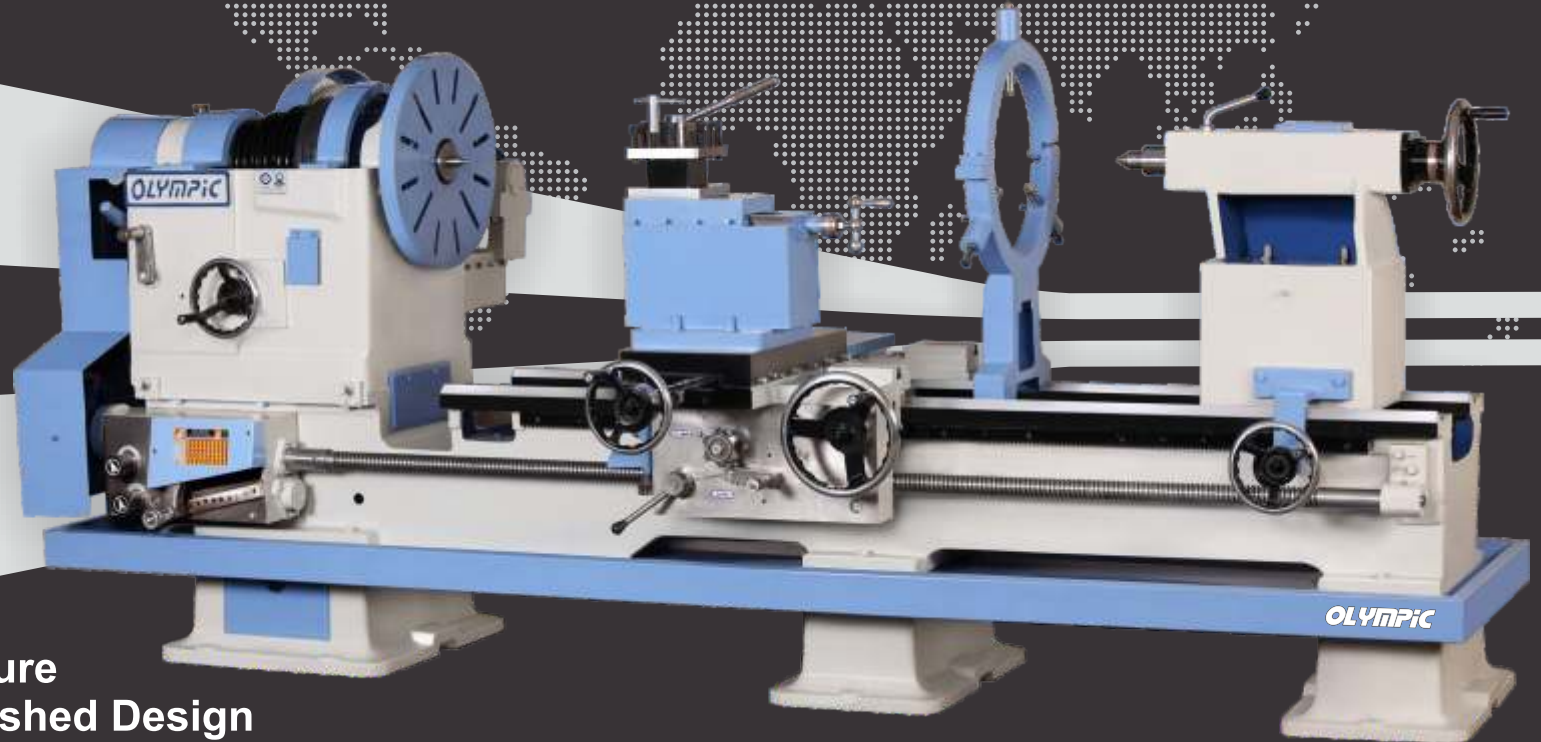
# Super Extra Heavy Duty Lathe Machines

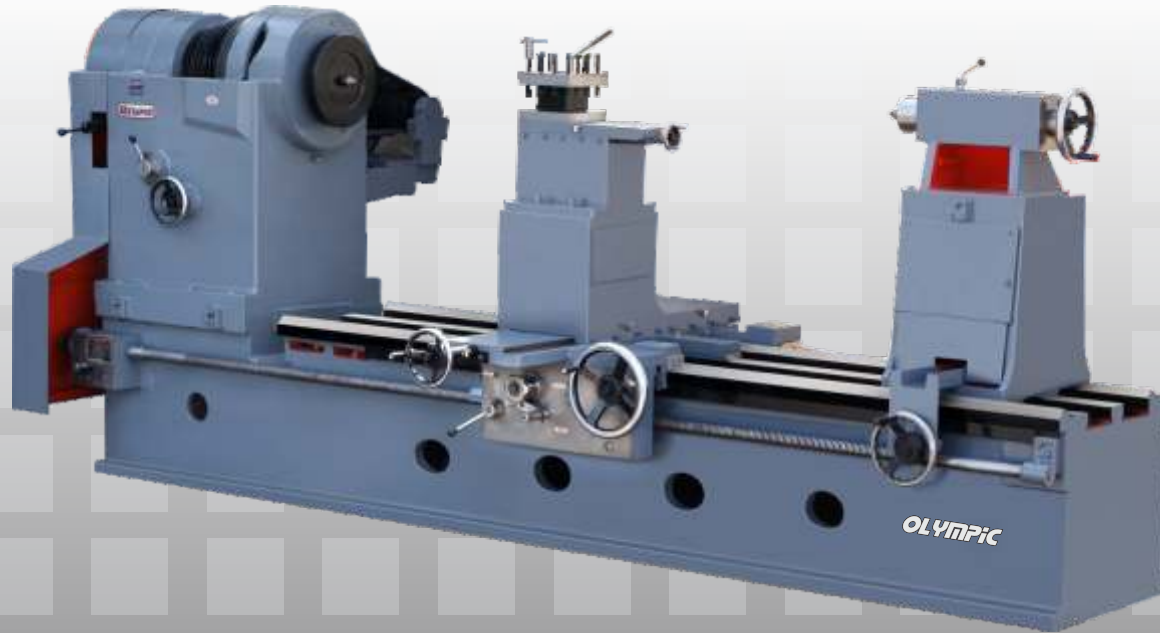


**OLYMPIC**  
**LATHE MACHINE**  
Since 1976

An Experienced Name  
In Quality Product

- Low Maintenance
- High Durability
- Extra Power
- Rigid Machine Structure
- Technically Accomplished Design





## MODEL NO:EXHDP - 06

### SPECIFICATION

Length Of Bed	16' ft
Width Of Bed	36" inch
Height Of Center	34" inch
Spindle Hole	6.1/8" inch
ABC	3100 mm
Swing Over Bed	1675 mm
Swing Over Slide	1350 mm
Swing In Gap	2235 mm
Bed Type	3 Flat - 2V
Norton Gear Box	3 Speed

- Head stock especially ideal for heavy loading and heavy work piece machining uses extra long shaped head stock design which increases the spindle strength and extra large gear provides excellent spindle performance and high torque output.
- Uses front double taper roller bearings, heavy loading taper bearings and rear big roller bearings, which are durable for heavy work pieces and are able to maintain high accuracy.
- Turcite-b antifriction coating on sliding surfaces of saddle for minimizing stick slips motion and better lubrication, sustained accuracy and minimum wear of bed ways.
- For extra-large and heavy cutting work pieces, the bed is designed as a box way type. It is able to distribute to weight loading to ensure no vibration during heavy cutting as well as maintain the cutting accuracy.
- The material of the carriage is the same as the bed CI 25 grade, extra wide box way type cross slide and larger contact faces can distribute the cutting completely thereby avoiding tool shaking during high hardness cutting
- Special designed sliding type counter system which is easy to use and extra heavy compound slide to minimize vibration.



### ADMIT BETWEEN CENTER / WEIGHT

Bed Length	Model No.	EHD		EXHD		EHDP/ EXHDP
		ABC(mm)	Weight (Kg)	ABC(mm)	Weight (Kg)	
7'	1	700	2300	///		///
9'	2	1300	2500	1200	4500	///
10'	3	1600	2700	1500	4800	1300
12'	4	2200	2800	2100	5200	1900
14'	5	2800	3000	2650	5600	2500
16'	6	3400	3400	3250	6000	3100
18'	7	4000	3800	3850	6400	3700
20'	8	4600	4200	4450	6800	4300
22'	9	5200	4600	5050	7200	4900
24'	10	5800	5000	5650	7600	5500
26'	11	6500	5400	6350	8000	6100
28'	12	7100	5800	6950	8500	6700

### MODEL NO:EHD - 04

### SPECIFICATION

Length Of Bed	12' ft
Width Of Bed	18" inch
Height Of Center	15" inch
Spindle Hole	3.1/8" inch
ABC	2200 mm
Swing Over Bed	710 mm
Swing Over Slide	490 mm
Swing In Gap	1150 mm
Bed Type	2 Flat - 2V
Norton Gear Box	Full

## SPECIFICATION

Model	EHD		EXHD		EHDP	EXHDP
<b>Capacity</b>	(optional)		(optional)			
Center Height	405	455	558	610	710	860
Swing Over Bed	460	865	1066	1150	1370	1675
Swing Over Cross Slide	500	610	762	850	1050	1350
Swing In Gap	1170	1270	1474	1575	1930	2235
<b>Bed</b>						
Bed Type	2V & 2 Flat		2V & 2 Flat		2V & 3F (Plano)	2V & 3F (Plano)
Bed Width	455		610		760	910
Length Of Gap In Front Of	180		203		300	300
Face Plate						
<b>Head Stock</b>						
Number Of Spindle Speed	8		6		6	6
Range Of Spindle Speed	30 To 250 RPM		25 To 200 RPM		10 - 150 RPM	10 - 150 RPM
Spindle Nose Dia	100		130		160	160
Spindle Bore	80		100		120	120
Spindle Threads	6 TPI		6 TPI		6 TPI	6 TPI
Taper In Spindle Sleeve	MT - 4		MT - 5		MT - 6	MT - 6
<b>Carriage &amp; Compound</b>						
Cross Slide Travel	405		555		710	860
Compound Slide Travel	280		280		330	330
Tool Post Square	175		175		228	250
<b>Tail stock</b>						
Spindle Ram Diameter	75		90		125	125
Spindle Ram Travel	250		305		406	406
Taper In Tail Stock Quill	MT - 5		MT - 5		MT - 6	MT - 6
<b>Threads</b>						
Number Of Threads Range In Metric	13 / 1 To 6 PITCH		13 / 1 To 6 PITCH		24 / 0.5 To 15 PITCH	24 / 0.5 To 15 PITCH
Number Of Threads Range In Inch	19 / 2 To 24 TPI		19 / 2 To 24 TPI		43 / 2 To 60 TPI	43 / 2 To 60 TPI
Lead Screw Diameter	45		50		50	50
Lead Screw Threads	2 TPI		2 TPI		2 TPI	2 TPI
<b>Electrical</b>						
Motor Recommended	7.5 H.P.		10 H.P.		15 H.P.	15 H.P.



Sliding Type Counter For Easy Changing Of Speed



Special Designed Compound Slide For Long Travel



Effortless Movement Of Tail Stock



Jumbo Norton Gear Box For Heavy Threading

## ACCESSORIES

STANDARD	OPTIONALS
Change Gear Set	Steady / Follow Rest
Chuck Plate	Dog / True Chuck
Center Adaptor	Electric Motor, V Belt & Switch
Dear Center (2 Nos)	Full Norton Gear Box
Face Plate	Quick Change Tool Post
Motor Pulley	Coolant Pump With Tank
Motor Rail	Tapper Turning Attachment
Four Position Toolpost	Splash Guard

Note: Above Mentioned Information Are Subject To Change Because Of Product Improvement, All The Parts Show In Photo Are Not Included In Standard Accessory.



MANUFACTURE  
**JMT OLYMPIA**  
 Machine Tools  
 Rajkot (Guj) India