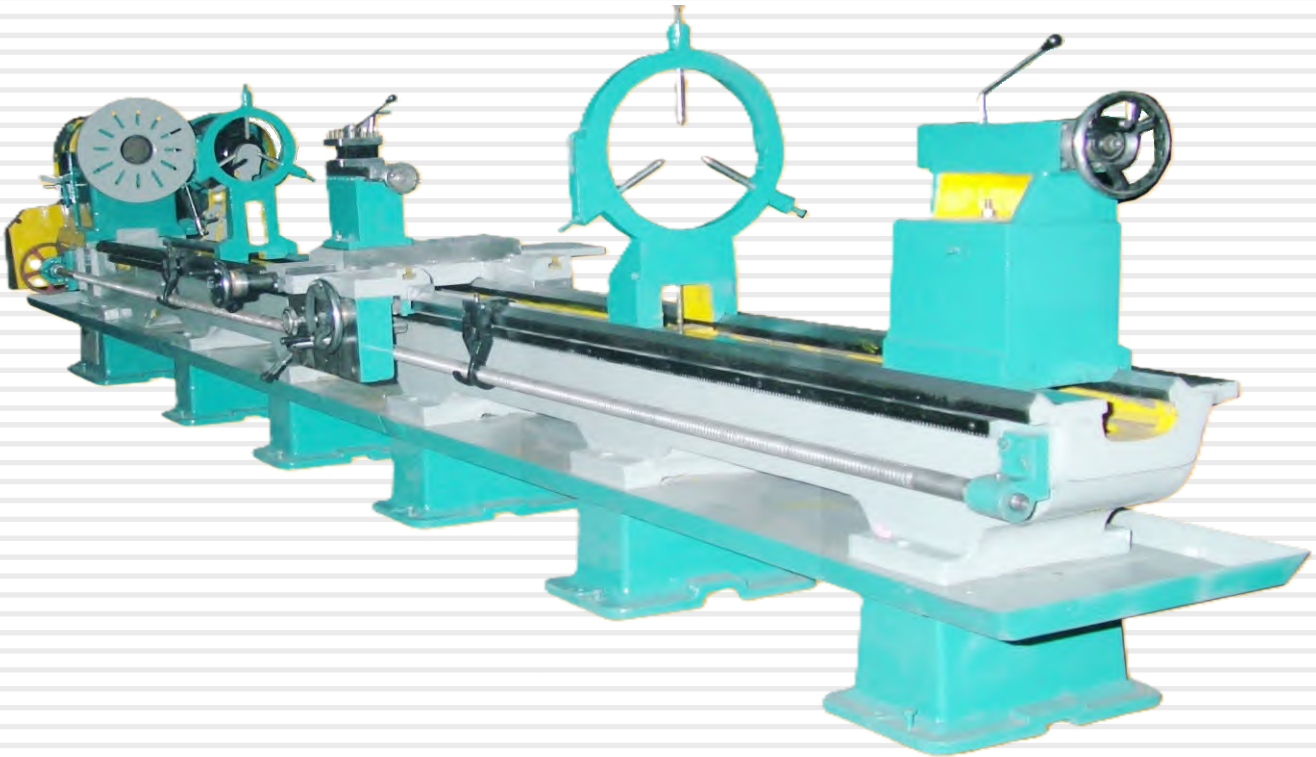




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**STANDARD ACCESSORIES :**

- CHUCK BACK PLATE
- CENTRE ADAPTER
- DEAD CENTRES 2 NOS
- TOOL POST SPANNER
- MOTOR PULLEY
- THREAD DIALINDICATOR
- CHANGE GEAR SET
- CHIP TRAY

**Ideal for  
educational institutions,  
tool rooms, and  
small workshops**



## **LIGHT DUTY LATHE MACHINE**

**OPTIONAL ACCESSORIES**

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| > INDEPENDENT CHUCK (DOG CHUCK)       | > TAPER TURNING ATTACHMENT            |
| > SELF CENTRING CHUCK (THROUGH CHUCK) | > COOLANT PUMP WITH TANK AND FITTINGS |
| > ELECTRICALS (MOTOR, WIRING, SWITCH  | > REAR TOOL POST                      |
| > V- BELTS AND FITTINGS)              | > NORTON GEAR BOX                     |
| > CHUCK BACK PLATE EXTRA              | > SPLASH GUARD                        |
| > ALL GEARED HEADSTOCK                | > FOUNDATION ROUND PLATE              |
| > STEADY REST                         | > LEVELLING BOLTS                     |
| > FOLLOW REST                         | > QUICK CHANGE TOOLPOST               |
| > FACEPLATE                           | > KEYWAY MILLING ATTACHMENT           |
| > CARRIER PLATE                       | > DRO SYSTEM                          |

# Technical Specification of

## Light Duty Lathe Machine

	4'6" Feet		5'3" Feet		6'0" Feet	
<b>CAPACITY</b>	<b>INCH</b>	<b>MM</b>	<b>INCH</b>	<b>MM</b>	<b>INCH</b>	<b>MM</b>
HEIGHT OF CENTER	6.5"	165 mm	6.5"	165 mm	6.5"	165 mm
BETWEEN CENTER	27"	675 mm	36"	914 mm	45"	1143 mm
SWING OVER BED	13"	330 mm	13"	330 mm	13"	330 mm
SWING IN GAP	19"	482 mm	19"	482 mm	19"	482 mm
SWING OVER CROSS SLIDE	8"	200 mm	8"	200 mm	8"	200 mm
<b>HEAD STOCK</b>						
HEAD STOCK TYPE	BEARING		BEARING		BEARING	
SPINDLE DRIVE PULLY	V - BELT		V - BELT		V - BELT	
SPINDLE SPEED	8		8		8	
RPM RANGE	30 TO 750 RPM		30 TO 750 RPM		30 TO 750 RPM	
SPINDLE BORE	1 1/2		1 1/2		1 1/2	
SPINDLE CENTER	MT-3		MT-3		MT-3	
<b>CARRIAGE</b>						
CROSS SLIDE	5" x 14"	127 x 355 mm	5" x 14"	127 x 355 mm	5" x 14"	127 x 355 mm
CROSS SLIDE TRAVEL	8"	200 mm	8"	200 mm	8"	200 mm
CARRIAGE SIZE	13" x 13"	330 x 330 mm	13"x13"	330 x 330 mm	13"x13"	330 x 330 mm
COMPOUND REST TRAVEL	5"	127 mm	5"	127 mm	5"	127 mm
TOOLPOST SIZE	3 1/2x3 1/2	89 x 89 mm	3 1/2x3 1/2	89 x 89 mm	3 1/2x3 1/2	89 x 89 mm
<b>THREADS</b>						
ENGLISH NUMBER	29		29		29	
ENGLISH RANGE	4 TO 48 TPI		4 TO 48 TPI		4 TO 48 TPI	
METRIC NUMBER	21		21		21	
METRIC RANGE	0.5 TO 7 mm		0.5 TO 7 mm		0.5 TO 7 mm	
LEADSCREW TPI	4 TPI		4 TPI		4 TPI	
<b>TAILSTOCK</b>						
SPINDLE DIA.	1 1/2"	38 mm	1 1/2"	38 mm	1 1/2"	38 mm
SPINDLE TRAVEL	5"	125 mm	5"	125 mm	5"	125 mm
SPINDLE MORSE	MT-3		MT-3		MT-3	
<b>BED</b>						
LENTH	54"	1371 mm	63"	1346 mm	72"	1828 mm
WIDTH	9 1/2"	241 mm	9 1/2"	241 mm	9 1/2"	241 mm
HEIGHT	9 1/2"	241 mm	9 1/2"	241 mm	9 1/2"	241 mm
<b>DIMENSION</b>						
TOTAL HEIGHT	53"	1346 mm	53"	1346 mm	53"	1346 mm
FLOOR SPACE W	30"	762 mm	30"	762 mm	30"	762 mm
FLOOR SPACE L	64"	1625 mm	72"	1880 mm	83"	2108 mm
APROX WEIGHT	425 Kg.		475 Kg.		525 Kg.	
MAIN MOTOR	1 HP 1440 RPM		1 HP 1440 RPM		1 HP 1440 RPM	

**NOTE :**

THE SPECIFICATIONS ARE NOT BINDING IN DETAIL THE DESIGN ARE SUBJECT TO MODIFICATION AND IMPROVEMENTS WITHOUT NOTICE.

**STANDARD ACCESSORIES :**

- CHUCK BACK PLATE
- CENTRE ADAPTER
- DEAD CENTRES 2 NOS
- TOOL POST SPANNER
- MOTOR PULLEY
- THREAD DIALINDICATOR
- CHANGE GEAR SET
- CHIP TRAY

**Reliable for Tool Rooms,  
Workshops, and  
Production Floors**



## MEDIUM DUTY LATHE MACHINE

**OPTIONAL ACCESSORIES**

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>&gt; INDEPENDENT CHUCK (DOG CHUCK)</li><li>&gt; SELF CENTRING CHUCK (THROUGH CHUCK)</li><li>&gt; ELECTRICALS (MOTOR, WIRING, SWITCH</li><li>&gt; V- BELTS AND FITTINGS)</li><li>&gt; CHUCK BACK PLATE EXTRA</li><li>&gt; ALL GEARED HEADSTOCK</li><li>&gt; STEADY REST</li><li>&gt; FOLLOW REST</li><li>&gt; FACEPLATE</li><li>&gt; CARRIER PLATE</li></ul> | <ul style="list-style-type: none"><li>&gt; TAPER TURNING ATTACHMENT</li><li>&gt; COOLANT PUMP WITH TANK AND FITTINGS</li><li>&gt; REAR TOOL POST</li><li>&gt; NORTON GEAR BOX</li><li>&gt; SPLASH GUARD</li><li>&gt; FOUNDATION ROUND PLATE</li><li>&gt; LEVELLING BOLTS</li><li>&gt; QUICK CHANGE TOOLPOST</li><li>&gt; KEYWAY MILLING ATTACHMENT</li><li>&gt; DRO SYSTEM</li></ul> |
|---|--|

# Technical Specification of Medium Duty Lathe Machine

	4'6" Feet		5'3" Feet		6'0" Feet		7'0" Feet	
<b>CAPACITY</b>	<b>INCH</b>	<b>MM</b>	<b>INCH</b>	<b>MM</b>	<b>INCH</b>	<b>MM</b>	<b>INCH</b>	<b>MM</b>
HEIGHT OF CENTER	8.5"	215 mm	8.5"	215 mm	8.5"	215 mm	8.5"	215 mm
BETWEEN CENTER	25"	635 mm	33"	838 mm	41"	1041 mm	53"	1346 mm
SWING OVER BED	16"	400 mm	16"	400 mm	16"	400 mm	16"	400 mm
SWING IN GAP	24"	600 mm	24"	600 mm	24"	600 mm	24"	600 mm
SWING OVER CROSS SLIDE	10"	250 mm	10"	250 mm	10"	250 mm	10"	250 mm
<b>HEAD STOCK</b>								
HEAD STOCK TYPE	BEARING		BEARING		BEARING		BEARING	
SPINDLE DRIVE PULLY	V - BELT		V - BELT		V - BELT		V - BELT	
SPINDLE SPEED	6		6		6		6	
RPM RANGE	46 TO 550 RPM		46 TO 550 RPM		46 TO 550 RPM		46 TO 550 RPM	
SPINDLE BORE	52 mm		52 mm		52 mm		52 mm	
SPINDLE CENTER	MT-4		MT-4		MT-4		MT-4	
<b>CARRIAGE</b>								
CROSS SLIDE	7" x 16"	177 x 400 mm	7" x 16"	177 x 400 mm	7" x 16"	177 x 400 mm	7" x 16"	177 x 400 mm
CROSS SLIDE TRAVEL	10"	250 mm	10"	250 mm	10"	250 mm	10"	250 mm
CARRIAGE SIZE	18" x 15"	457 x 380 mm	18" x 15"	457 x 380 mm	18" x 15"	457 x 380 mm	18" x 15"	457 x 380 mm
COMPOUND REST TRAVEL	5.5"	139 mm	5.5"	139 mm	5.5"	139 mm	5.5"	139 mm
TOOLPOST SIZE	4" x 4"	101 x 101 mm	4" x 4"	101 x 101 mm	4" x 4"	101 x 101 mm	4" x 4"	101 x 101 mm
<b>THREADS</b>								
ENGLISH NUMBER	29		29		29		29	
ENGLISH RANGE	4 TO 48 TPI		4 TO 48 TPI		4 TO 48 TPI		4 TO 48 TPI	
METRIC NUMBER	21		21		21		21	
METRIC RANGE	0.5 TO 7 mm		0.5 TO 7 mm		0.5 TO 7 mm		0.5 TO 7 mm	
LEADSCREW TPI	32/4TPI		32/4TPI		32/4TPI		32/4TPI	
<b>TAILSTOCK</b>								
SPINDLE DIA.	2"	50 mm	2"	50 mm	2"	50 mm	2"	50 mm
SPINDLE TRAVEL	5.5"	139 mm	5.5"	139 mm	5.5"	139 mm	5.5"	139 mm
SPINDLE MORSE	MT-4		MT-4		MT-4		MT-4	
<b>BED</b>								
LENTH	54"	1371 mm	63"	1600 mm	72"	1825 mm	84"	2100 mm
WIDTH	11"	280 mm	11"	280 mm	11"	280 mm	11"	280 mm
HEIGHT	11.5"	292 mm	11.5"	292 mm	11.5"	292 mm	11.5"	292 mm
<b>DIMENSION</b>								
TOTAL HEIGHT	53"	1346 mm	53"	1346 mm	53"	1346 mm	53"	1346 mm
FLOOR SPACE W	48"	1200 mm	48"	1200 mm	48"	1200 mm	48"	1200 mm
FLOOR SPACE L	72"	1800 mm	72"	1800 mm	72"	1800 mm	72"	1800 mm
APROX WEIGHT	725 Kg.		775 Kg.		825 Kg.		900 Kg.	
MAIN MOTOR	1.5 HP 1440 RPM		1.5 HP 1440 RPM		1.5 HP 1440 RPM		1.5 HP 1440 RPM	

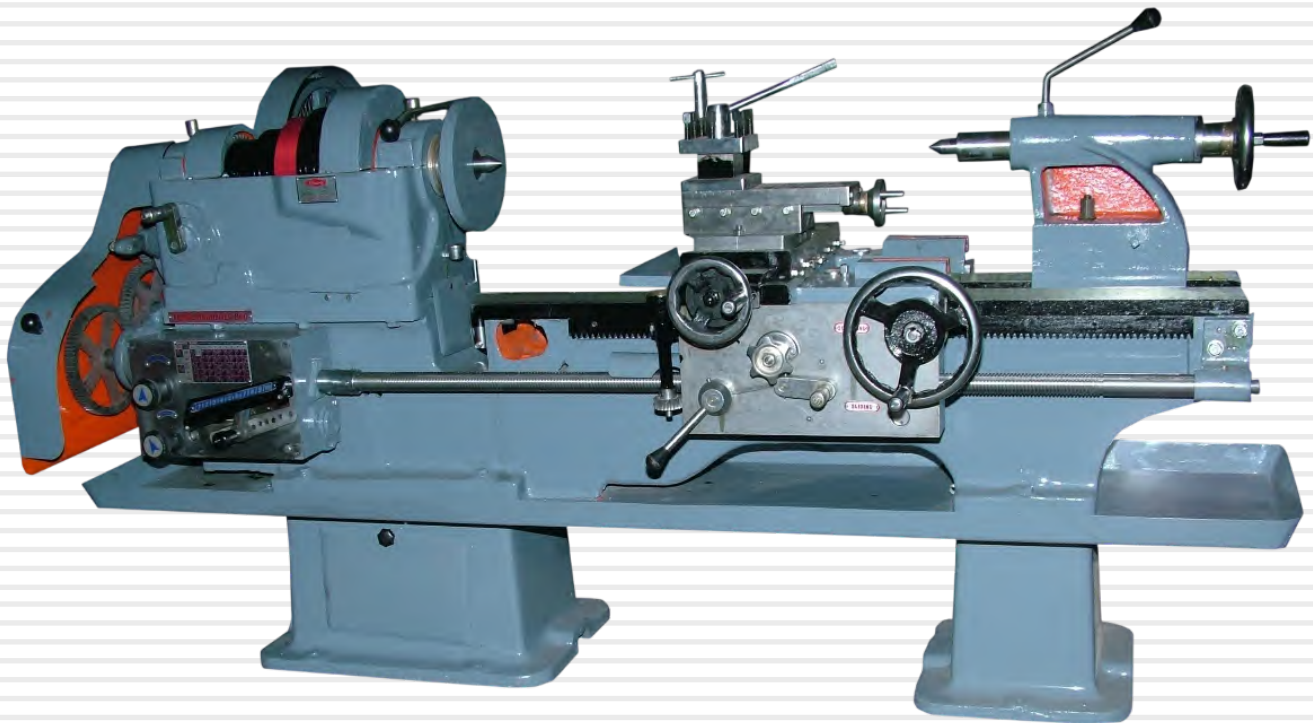
**NOTE :**

THE SPECIFICATIONS ARE NOT BINDING IN DETAIL THE DESIGN ARE SUBJECT TO MODIFICATION AND IMPROVEMENTS WITHOUT NOTICE.

**STANDARD ACCESSORIES :**

- CHUCK BACK PLATE
- CENTRE ADAPTER
- DEAD CENTRES 2 NOS
- TOOL POST SPANNER
- MOTOR PULLEY
- THREAD DIALINDICATOR
- CHANGE GEAR SET
- CHIP TRAY

**Reliable for Continuous  
Production.  
Built for Heavy Cuts.**



## HEAVY DUTY LATHE MACHINE

**OPTIONAL ACCESSORIES**

- > INDEPENDENT CHUCK (DOG CHUCK)
- > SELF CENTRING CHUCK (THROUGH CHUCK)
- > ELECTRICALS (MOTOR, WIRING, SWITCH
- > V- BELTS AND FITTINGS)
- > CHUCK BACK PLATE EXTRA
- > ALL GEARED HEADSTOCK
- > STEADY REST
- > FOLLOW REST
- > FACEPLATE
- > CARRIER PLATE
- > TAPER TURNING ATTACHMENT
- > COOLANT PUMP WITH TANK AND FITTINGS
- > REAR TOOL POST
- > NORTON GEAR BOX
- > SPLASH GUARD
- > FOUNDATION ROUND PLATE
- > LEVELLING BOLTS
- > QUICK CHANGE TOOLPOST
- > KEYWAY MILLING ATTACHMENT
- > DRO SYSTEM

# Technical Specification of Heavy Duty Lathe Machine

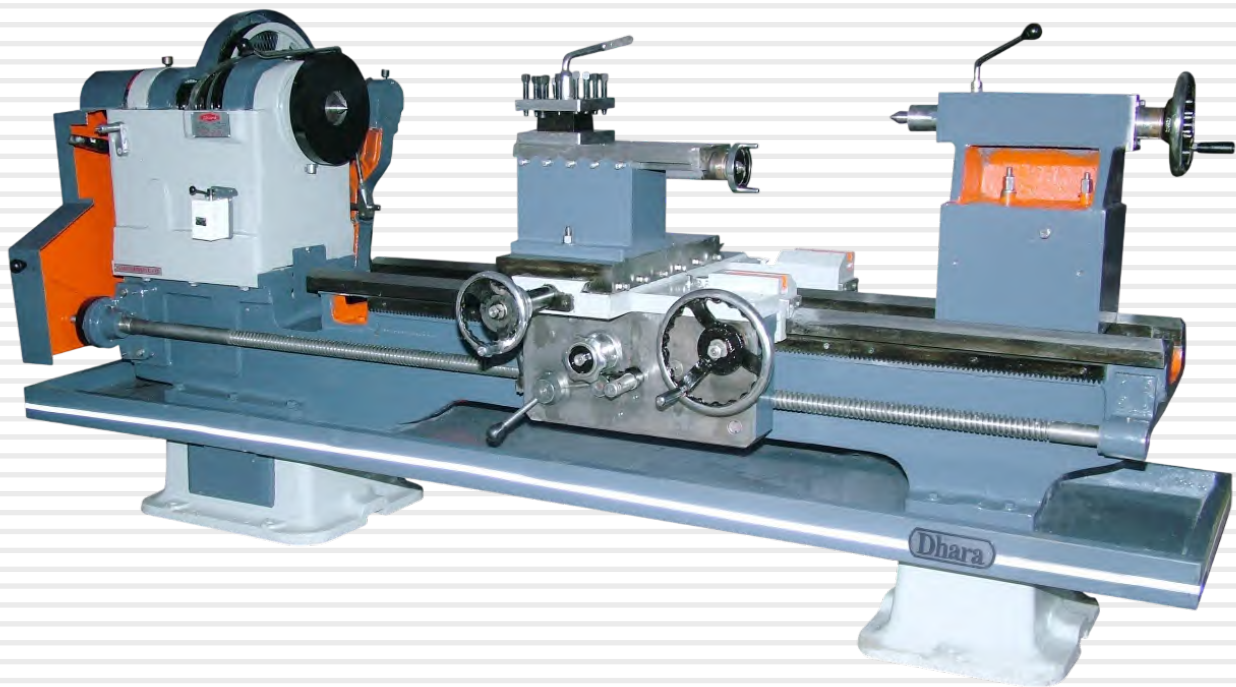
	5'6" Feet		7' Feet		9' Feet		10' Feet		12' Feet		14' Feet		16' Feet		18' Feet		20' Feet	
	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.	Stap 15".C.15".B.
<b>CAPACITY</b>																		
HEIGHT OF CENTER	250mm	375mm	250mm	375mm	250mm	375mm	250mm	375mm	250mm	375mm	250mm	375mm	250mm	375mm	250mm	375mm	250mm	375mm
BETWEEN CENTER	555mm	490mm	1050mm	950mm	1625mm	1560mm	1925mm	1860mm	2490mm	2425mm	3090mm	3025mm	3690mm	4290mm	4220mm	4890mm	4820mm	4820mm
SWING OVER BED	475mm	710mm	475mm	710mm	475mm	710mm	475mm	710mm	475mm	710mm	475mm	710mm	475mm	710mm	475mm	710mm	475mm	710mm
SWING IN GAP	725mm	980mm	725mm	980mm	725mm	980mm	725mm	980mm	725mm	980mm	725mm	980mm	725mm	980mm	725mm	980mm	725mm	980mm
SWING OVER CROSS SLIDE	285mm	475mm	285mm	475mm	285mm	475mm	285mm	475mm	285mm	475mm	285mm	475mm	285mm	475mm	285mm	475mm	285mm	475mm
<b>HEAD STOCK</b>																		
HEAD STOCK TYPE	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING	BEARING
SPINDLE DRIVE PULLY	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT	V - BELT & FLAT
SPINDLE SPEED	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
RPM RANGE	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM	25 TO 500 RPM
SPINDLE BORE	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm	52mm-150mm
SPINDLE CENTER	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4
<b>CARRIAGE</b>																		
CROSS SLIDE	250*450	250*500	250*450	250*500	250*450	250*500	250*450	250*500	250*450	250*500	250*450	250*500	250*450	250*500	250*450	250*500	250*450	250*500
CROSS SLIDE TRAVEL	250mm	325mm	250mm	325mm	250mm	325mm	250mm	325mm	250mm	325mm	250mm	325mm	250mm	325mm	250mm	325mm	250mm	325mm
CARRIAGE SIZE	20" *18"	22" *18"	20" *18"	22" *18"	20" *18"	22" *18"	20" *18"	22" *18"	20" *18"	22" *18"	20" *18"	22" *18"	20" *18"	22" *18"	20" *18"	22" *18"	20" *18"	22" *18"
COMPOUND REST TRAVEL	150mm	175mm	150mm	175mm	150mm	175mm	150mm	175mm	150mm	175mm	150mm	175mm	150mm	175mm	150mm	175mm	150mm	175mm
TOOLPOST SIZE	120mm	145mm	120mm	145mm	120mm	145mm	120mm	145mm	120mm	145mm	120mm	145mm	120mm	145mm	120mm	145mm	120mm	145mm
<b>THREADS</b>																		
ENGLISH NUMBER	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
ENGLISH RANGE	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI	2 TO 48TPI
METRIC NUMBER	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
METRIC RANGE	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm	0.5 TO 7 mm
LEAD SCREW TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI
<b>TAILSTOCK</b>																		
SPINDLE DIA.	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm
SPINDLE TRAVEL	200mm	225mm	200mm	225mm	200mm	225mm	200mm	225mm	200mm	225mm	200mm	225mm	200mm	225mm	200mm	225mm	200mm	225mm
SPINDLE MORSE	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4
<b>BED</b>																		
LENGTH	1670mm	1670mm	2130mm	2130mm	2740mm	2740mm	3040mm	3040mm	3660mm	3660mm	4260mm	4260mm	4870mm	4870mm	5480mm	5480mm	6090mm	6090mm
WIDTH	324mm	375mm	324mm	375mm	324mm	375mm	324mm	375mm	324mm	375mm	324mm	375mm	324mm	375mm	324mm	375mm	324mm	375mm
HEIGHT	430mm	430mm	430mm	430mm	430mm	430mm	430mm	430mm	430mm	430mm	430mm	430mm	430mm	430mm	430mm	430mm	430mm	430mm
<b>DIMENSION</b>																		
TOTAL HEIGHT	1450mm	1575mm	1450mm	1575mm	1450mm	1575mm	1450mm	1575mm	1450mm	1575mm	1450mm	1575mm	1450mm	1575mm	1450mm	1575mm	1450mm	1575mm
FLOOR SPACE W	1070mm	1145mm	1070mm	1145mm	1070mm	1145mm	1070mm	1145mm	1070mm	1145mm	1070mm	1145mm	1070mm	1145mm	1070mm	1145mm	1070mm	1145mm
FLOOR SPACE L	2000mm	2000mm	2450mm	2450mm	3050mm	3050mm	3650mm	3650mm	4250mm	4250mm	4850mm	4850mm	5450mm	5450mm	6050mm	6050mm	6650mm	6650mm
APROX WEIGHT	1050Kg.	1200Kg.	1200Kg.	1400Kg.	1400Kg.	1600Kg.	1800Kg.	1800Kg.	1700Kg.	2000Kg.	1900Kg.	2200Kg.	2200Kg.	2600Kg.	2500Kg.	2900Kg.	2900Kg.	3300Kg.
MAIN MOTOR	2 HP	3 HP	2 HP	3 HP	2 HP	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP	3 HP

NOTE :  
THE SPECIFICATIONS ARE NOT BINDING IN DETAIL THE DESIGN ARE SUBJECT TO MODIFICATION AND IMPROVEMENTS WITHOUT NOTICE.

**STANDARD ACCESSORIES :**

- CHUCK BACK PLATE
- CENTRE ADAPTER
- DEAD CENTRES 2 NOS
- TOOL POST SPANNER
- MOTOR PULLEY
- THREAD DIALINDICATOR
- CHANGE GEAR SET
- CHIP TRAY

**Reliable for Continuous  
Production.  
Built for Heavy Cuts.**



**EXTRA HEAVY DUTY LATHE MACHINE**

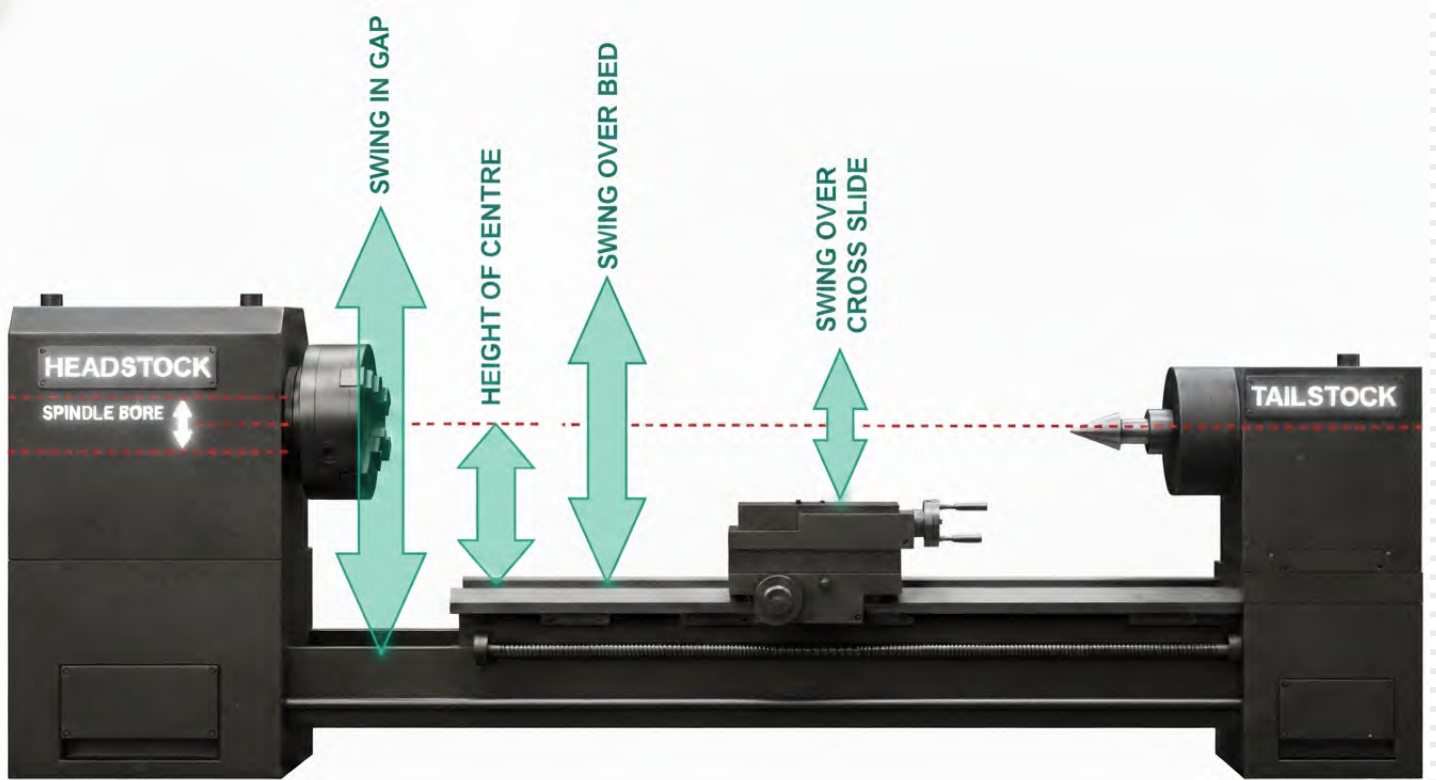
**OPTIONAL ACCESSORIES**

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| > INDEPENDENT CHUCK (DOG CHUCK)       | > TAPER TURNING ATTACHMENT            |
| > SELF CENTRING CHUCK (THROUGH CHUCK) | > COOLANT PUMP WITH TANK AND FITTINGS |
| > ELECTRICALS (MOTOR, WIRING, SWITCH  | > REAR TOOL POST                      |
| > V- BELTS AND FITTINGS)              | > NORTON GEAR BOX                     |
| > CHUCK BACK PLATE EXTRA              | > SPLASH GUARD                        |
| > ALL GEARED HEADSTOCK                | > FOUNDATION ROUND PLATE              |
| > STEADY REST                         | > LEVELLING BOLTS                     |
| > FOLLOW REST                         | > QUICK CHANGE TOOLPOST               |
| > FACEPLATE                           | > KEYWAY MILLING ATTACHMENT           |
| > CARRIER PLATE                       | > DRO SYSTEM                          |

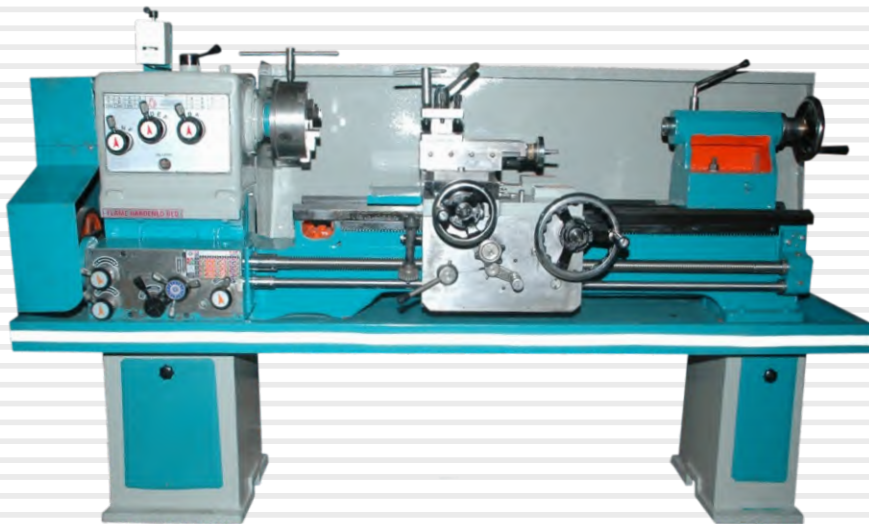
# Technical Specification of Extra Heavy Duty Lathe Machine

	7' Feet		9' Feet		10' Feet		12' Feet		14' Feet		16' Feet		18' Feet		20' Feet		24' Feet	
	18" C. 18" B.	24" C. 24" B.	18" C. 18" B.	24" C. 24" B.	18" C. 18" B.	24" C. 24" B.	18" C. 18" B.	24" C. 24" B.	18" C. 18" B.	24" C. 24" B.	18" C. 18" B.	24" C. 24" B.	18" C. 18" B.	24" C. 24" B.	18" C. 18" B.	24" C. 24" B.	18" C. 18" B.	24" C. 24" B.
<b>CAPACITY</b>																		
HEIGHT OF CENTER	450mm	600mm	450mm	600mm	450mm	600mm	450mm	600mm	450mm	600mm	450mm	600mm	450mm	600mm	450mm	600mm	450mm	600mm
BETWEEN CENTER	1000mm	825mm	1500mm	1425mm	1800mm	1725mm	2400mm	2325mm	3000mm	2750mm	3600mm	3350mm	4200mm	3950mm	4800mm	4550mm	6000mm	5750mm
SWING OVER BED	850mm	1150mm	850mm	1150mm	850mm	1150mm	850mm	1150mm	850mm	1150mm	850mm	1150mm	850mm	1150mm	850mm	1150mm	850mm	1150mm
SWING IN GAP	1150mm	1450mm	1150mm	1450mm	1150mm	1450mm	1150mm	1450mm	1150mm	1450mm	1150mm	1450mm	1150mm	1450mm	1150mm	1450mm	1150mm	1450mm
SWING OVER CROSS SLIDE	575mm	830mm	575mm	830mm	575mm	830mm	575mm	830mm	575mm	830mm	575mm	830mm	575mm	830mm	575mm	830mm	575mm	830mm
<b>HEAD STOCK</b>																		
HEAD STOCK TYPE	BEARING OR BRASS		BEARING OR BRASS		BEARING OR BRASS		BEARING OR BRASS		BEARING OR BRASS		BEARING OR BRASS		BEARING OR BRASS		BEARING OR BRASS		BEARING OR BRASS	
SPINDLE DRIVE PULLEY	V- BELT OR FLAT		V- BELT OR FLAT		V- BELT OR FLAT		V- BELT OR FLAT		V- BELT OR FLAT		V- BELT OR FLAT		V- BELT OR FLAT		V- BELT OR FLAT		V- BELT OR FLAT	
SPINDLE SPEED	8		8		8		8		8		8		8		8		8	
RPM RANGE	25 TO 500 RPM		25 TO 500 RPM		25 TO 500 RPM		25 TO 500 RPM		25 TO 500 RPM		25 TO 500 RPM		25 TO 500 RPM		25 TO 500 RPM		25 TO 500 RPM	
SPINDLE BORE	52mm TO 200mm		52mm TO 200mm		52mm TO 200mm		52mm TO 200mm		52mm TO 200mm		52mm TO 200mm		52mm TO 200mm		52mm TO 200mm		52mm TO 200mm	
SPINDLE CENTER	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6
<b>CARRIAGE</b>																		
CROSS SLIDE TRAVEL	350mm	500mm	350mm	500mm	350mm	500mm	350mm	500mm	350mm	500mm	350mm	500mm	350mm	500mm	350mm	500mm	350mm	500mm
COMPOUND REST TRAVEL	180mm	210mm	180mm	210mm	180mm	210mm	180mm	210mm	180mm	210mm	180mm	210mm	180mm	210mm	180mm	210mm	180mm	210mm
TOOLPOST SIZE	150*150	175*175	150*150	175*175	150*150	175*175	150*150	175*175	150*150	175*175	150*150	175*175	150*150	175*175	150*150	175*175	150*150	175*175
<b>THREADS</b>																		
ENGLISH NUMBER	19		19		19		19		19		19		19		19		19	
ENGLISH RANGE	2 TO 48 TPI		2 TO 48 TPI		2 TO 48 TPI		2 TO 48 TPI		2 TO 48 TPI		2 TO 48 TPI		2 TO 48 TPI		2 TO 48 TPI		2 TO 48 TPI	
METRIC NUMBER	13		13		13		13		13		13		13		13		13	
METRIC RANGE	0.5 TO 7 mm		0.5 TO 7 mm		0.5 TO 7 mm		0.5 TO 7 mm		0.5 TO 7 mm		0.5 TO 7 mm		0.5 TO 7 mm		0.5 TO 7 mm		0.5 TO 7 mm	
LEADSCREW TPI																		
<b>TAIL STOCK</b>																		
SPINDLE DAI	63mm	75mm	63mm	75mm	63mm	75mm	63mm	75mm	63mm	75mm	63mm	75mm	63mm	75mm	63mm	75mm	63mm	75mm
SPINDLE TRAVEL	250mm	300mm	250mm	300mm	250mm	300mm	250mm	300mm	250mm	300mm	250mm	300mm	250mm	300mm	250mm	300mm	250mm	300mm
SPINDLE MORSE	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6	MT-5	MT-6
<b>BED</b>																		
LEINTH	2130mm	2130mm	2730mm	2730mm	3040mm	3040mm	3650mm	3650mm	4260mm	4260mm	4870mm	4870mm	5480mm	5480mm	6090mm	6090mm	7300mm	7300mm
WIDTH	445mm	695mm	445mm	695mm	445mm	695mm	445mm	695mm	445mm	695mm	445mm	695mm	445mm	695mm	445mm	695mm	445mm	695mm
HEIGHT	485mm	485mm	485mm	485mm	485mm	485mm	485mm	485mm	485mm	485mm	485mm	485mm	485mm	485mm	485mm	485mm	485mm	485mm
<b>DIMENSION</b>																		
TOTAL HEIGHT	1550mm	1700mm	1550mm	1700mm	1550mm	1700mm	1550mm	1700mm	1550mm	1700mm	1550mm	1700mm	1550mm	1700mm	1550mm	1700mm	1550mm	1700mm
FLOOR SPACE W	1350mm	1550mm	1350mm	1550mm	1350mm	1550mm	1350mm	1550mm	1350mm	1550mm	1350mm	1550mm	1350mm	1550mm	1350mm	1550mm	1350mm	1550mm
FLOOR SPACE L	2200mm	2200mm	2800mm	2800mm	3100mm	3100mm	3700mm	3700mm	4300mm	4300mm	4900mm	4900mm	5500mm	5500mm	6100mm	6100mm	7300mm	7300mm
APPROX WEIGHT	2000Kg.	2400Kg.	2200Kg.	2800Kg.	2500Kg.	3200Kg.	2700Kg.	3500Kg.	3000Kg.	3900Kg.	3450Kg.	4500Kg.	3800Kg.	4900Kg.	4200Kg.	5500Kg.	4850Kg.	6350Kg.
MAIN MOTOR	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP	5 HP

NOTE :  
THE SPECIFICATIONS ARE NOT BINDING IN DETAIL THE DESIGN ARE SUBJECT TO MODIFICATION AND IMPROVEMENTS WITHOUT NOTICE.



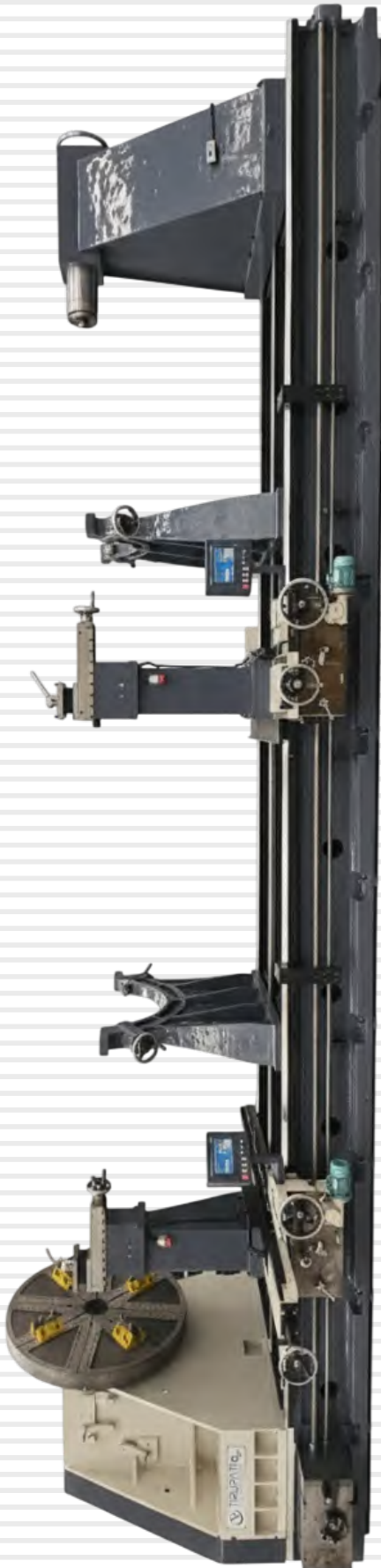
**NOMENCLATURE**



**ALL GEARED LATHE MACHINE**

EXTRA HEAVY DUTY LATHE MACHINE

PLANO BED TYPE



## 40FT-70" H.O.C. & 80" B.W. - 6" SPINDLE BORE

EXTRA HEAVY DUTY LATHE MACHINE -  
SINGLE PIECE PLANO BED TYPE

- SPINDLE BORE : 150MM
- HEIGHT OF CENTRE : 1750MM
- WIDTH OF BED : 2000MM
- SWING OVER BED : 3500MM
- SWING OVER CROSS SLIDE : 3050MM
- SOLID BED : WITHOUT GAP
- ADMIT BETWEEN CENTER : 10000MM
- HEADSTOCK DRIVEN : ALL GEARED LATHE
- SPEED RANGE : 10-120
- NO. SPINDLE SPEED : 4
- BED HARDEN : INDUCTION HARDENED
- BED TYPE : SINGLE PIECE - PLANO TYPE
- BEARING : TAPER ROLLER BEARING
- LEADSCREW DIA. : 57 X 2 T.P.I.
- FEED ROD DIA. : 38 X 2 T.P.I.
- COATING : TURCITE COATING IN BOTH CARRIAGE
- TAILSTOCK : MOTORIZED
- TAILSTOCK QUILL DIA. : 300MM
- TAILSTOCK QUILL TAPER : METRIC-80 - LIVE QUILL
- TAILSTOCK QUILL TRAVEL : 300MM
- SPINDLE CENTRE : MT-6
- TOOL POST SIZE : 300 X 300MM
- COMPOUND SIZE TRAVEL : 250MM
- CROSS SLIDE TRAVEL : 1500MM
- OVERALL DIMENSION : 13000 X 3000 X 2800 IN MM
- MACHINE WEIGHT : APPROX. 45000 KG. (45 TON)
- WEIGHT CARRYING CAPACITY : 60000 KG. (60 TON)

- INCLUDED :
- > FULLY NORTON JUMBO GEAR BOX - DOUBLE SHAFT
- > MOTORIZED APRON & DOUBLE CARRIAGE
- ALL STANDARD ACCESSORIES : > DRO SYSTEM,
- > CHUCK PLATE - 2 NOS.
- > DEAD CENTER - METRIC 80 - 1 NOS., MT-6 - N NOS.
- > GEAR SET
- > TOOL POST KEY
- > SLEEVE ADOPTOR

- > 42" X 8 JAW MANUAL FACE PLATE JAW CHUCK
- > 72" X 8 JAW MANUAL FACE PLATE JAW CHUCK
- > STEADY REST - 1000MM - 1500MM
- > STEADY REST - 500MM - 800MM

## OUR PRODUCT

- | Precision Machine
- | Hardened Ended Bed
- | Bed Length From 4 1/2 Ft. to 60 Ft.
- | Center Height Up To 60"
- | Bed Width Up To 60"
- | Spindle Hole Up To 10 1/2"
- | Semi & Fully Norton Gear Box
- | Special Specification As Per
- | Customer's Requirement

**Manufactured By :**



Office & Factory:

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**LATHE MACHINE**



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