

## LIGHT DUTY LATHE MACHINE



Technical Specification	MODEL NO.					
	OML – 4.5	OML – 5	OML – 5.5	OML – 6	OML – 7.5	OML - 10
<b>Bed Length</b>	<b>4.6 FT</b>	<b>6 FT</b>	<b>7 FT</b>	<b>9 FT</b>	<b>10 FT</b>	<b>12 FT</b>
<b>Width of bed</b>	241MM(9 ½")	241 MM(9 ½")	250 MM(10")	400 MM(16")	400 MM(16")	400 MM(16")
<b>Height of Center</b>	165MM(6 ½")	165 MM(6 ½")	381 MM(15")	381 MM(15")	381 MM(15")	381 MM(15")
<b>Swing over Bed</b>	300 MM(12")	300 MM(12")	736 MM(29")	736 MM(29")	736 MM(29")	736 MM(29")
<b>Swing over Cross Slide</b>	175 MM(7")	175 MM(7")	280 MM(11")	280 MM(11")	280 MM(11")	280 MM(11")
<b>Admit Between Centre</b>	635 MM(25")	1090 MM(43")	1000MM(40")	1600MM(63")	1900MM(75")	2500MM(98")
<b>Spindle Thread / Dia</b>	8TPI – 60 MM	8TPI – 60 MM	6TPI	6TPI	6TPI	6TPI
<b>Spindle Bore</b>	40 MM	40 MM	80 MM	80 MM	80 MM	80 MM
<b>Tail Stock Quill Dia</b>	38 MM	38 MM	60 MM	60 MM	60 MM	60 MM
<b>Lead Screw</b>	25MM X 4TPI	25MM X 4TPI	45 MM X 4TPI	45 MM X 4TPI	45 MM X 4TPI	45 MM X 4TPI
<b>Metric Thread</b>	13(1 to 6MM)	13(1 to 6MM)	13(1 to 6MM)	13(1 to 6MM)	13(1 to 6MM)	13(1 to 6MM)
<b>Inch. Thread</b>	19(2 to 24TPI)	19(2 to 24TPI)	19(2 to 24TPI)	19(2 to 24TPI)	19(2 to 24TPI)	19(2 to 24TPI)
<b>No. of Spindle Speed</b>	4 + 4 = 8	4 + 4 = 8	4 + 4 = 8	4 + 4 = 8	4 + 4 = 8	4 + 4 = 8
<b>Rpm (Mini. / Maxi.)</b>	35 / 825	35 / 825	25 / 450	25 / 450	25 / 450	25 / 450

### STANDARD ACCESSORIES: -

1. STEADY REST
2. FOLLOW REST
3. FACE PLATE
4. MOTOR PLATE
5. DOG CHUCK PLATE
6. CHANGE GEAR SET

### EXTRA ACCESSORIES: -

1. FOUR JAWS INDEPENDENT CHUCK
2. THREE JAWS SELF CENTERING CHUCK
3. ELECTRIC MOTOR
4. STARTER
5. SET VEE BELTS
6. MOTOR PULLY
7. COOLANT PUMP WITH TANK & ASSAMBLY
8. DEAD CENTRE

9. SERVICE TOOLS
10. TAPPER TURNING ATTACHMENT
11. TOOL POST GRINDER
12. MACHINE LAMP
13. OIL CAN
14. SPLASH GUARD
15. MOTOR GUARD

## MEDIUM DUTY LATHE MACHINE



Technical Specification	MODEL NO											
	OMML – 10		OMML – 12		OMML – 14		OMML – 16		OMML – 18		OMML – 20	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
<b>Bed Length</b>	4.5 FT		6 FT		6 FT		8 FT		8 FT		8.5 FT	
<b>Width of bed</b>	12"	300	14"	350	16"	400	14"	350	16"	400	16"	400
<b>Height of Center</b>	10"	250	12"	300	14"	350	12"	300	14"	350	14"	350
<b>Spindle Bore</b>	2.1/8"	53	3.1/8"	80	3"	75	3.5/8"	90	4.6/8"	120	4.6/8"	120
<b>Swing in Gap</b>	32"	800	36"	900	42"	1050	36"	900	42"	1050	42"	1050
<b>Swing over Bed</b>	20"	500	24"	600	28"	700	24"	600	28"	700	28"	700
<b>No. of Spindle Speed</b>	6		6		6		6		6		6	
<b>Admit Between Centre</b>	30"	750	34"	850	30"	750	60"	1500	54"	1350	60"	1500
<b>Leading Screw Dia</b>	1 ½"	38	1 ½"	38	1 ½"	38	1 ½"	38	1 ½"	38	1 ½"	38
<b>H.P Required</b>	2 H.P		2 H.P		3 H.P		2 H.P		3 H.P		3 H.P	

## HEAVY DUTY PLANNER LATHE MACHINE



Technical Specification	MODEL NO.											
	OMHL – 118		OMHL – 120		OMHL – 122		OMHL – 124		OMHL – 126		OMHL – 228	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
<b>Bed length</b>	<b>10 FT</b>		<b>12 FT</b>		<b>14 FT</b>		<b>16 FT</b>		<b>18 FT</b>		<b>20 FT</b>	
<b>Width of bed</b>	18"	450 MM	20"	500 MM	22"	550 MM	24"	600 MM	26"	650 MM	28"	700 MM
<b>Height of Center</b>	16"	400 MM	18"	450 MM	20"	500 MM	22"	550 MM	24"	600 MM	26"	650 MM
<b>Spindle Bore</b>	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM
<b>Swing in Gap</b>	52"	1300 MM	55"	1375 MM	60"	1500 MM	68"	1700 MM	72"	1800 MM	76"	1900 MM
<b>Swing over Bed</b>	32"	800 MM	36"	900 MM	40"	1000 MM	44"	1100 MM	48"	1200 MM	52"	1300 MM
<b>No. of Spindle Speed</b>	6		6		6		6		6		6	
<b>Admit Between Centre</b>	72"	1800 MM	86"	2150 MM	110"	2750 MM	126"	3150 MM	150"	3750 MM	172"	4300 MM
<b>Leading Screw Dia</b>	1 3/4"	45 MM	2"	50 MM	2"	50 MM	2 1/2"	62 MM	2 3/4"	70 MM	2 3/4"	70 MM
<b>H.P Required</b>	3 H.P		3 H.P		5 H.P		5 H.P		7.5 H.P		10 H.P	

## EXTRA HEAVY DUTY PLANNER TYPE LATHE MACHINE



Technical Specification	MODEL NO											
	OMHL – 230		OMHL – 232		OMHL – 336		OMHL – 340		OMHL – 448		OMHL – 460	
	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
<b>Bed length</b>	<b>22 FT</b>		<b>24 FT</b>		<b>30 FT</b>		<b>36 FT</b>		<b>40 FT</b>		<b>40 FT</b>	
<b>Width of bed</b>	30"	750 MM	32"	800 MM	36"	900 MM	40"	1000 MM	48"	1200 MM	60"	1500 MM
<b>Height of Center</b>	28"	700 MM	30"	750 MM	34"	850 MM	38"	950 MM	46"	1150 MM	55"	1375 MM
<b>Spindle Bore</b>	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM
<b>Swing in Gap</b>	80"	2000 MM	86"	2150 MM	92"	2300 MM	101"	2525 MM	116"	2900 MM	142"	3550 MM
<b>Swing over Bed</b>	56"	1400 MM	60"	1500 MM	68"	1700 MM	76"	1900 MM	92"	2300 MM	110"	2750 MM
<b>No. of Spindle Speed</b>	6		6		6		6		6		6	
<b>Admit Between Centre</b>	192"	4800 MM	216"	5400 MM	282"	7050 MM	353"	8825 MM	400"	10000 MM	381"	9525 MM
<b>Leading Screw Dia</b>	2 ¾"	70 MM	3"	75 MM	3"	75 MM	3 ½"	88 MM	4 ½"	112 MM	5"	125 MM
<b>H.P Required</b>	10 H.P		15 H.P		25 H.P		25 H.P		30 H.P		40 H.P	

## HEAVY DUTY ROLL TURNING LATHE MACHINE



Technical Specification	MODEL NO											
	OMRL – 2230		OMRL – 2432		OMRL – 3036		OMRL – 3640		OMRL – 4048		OMRL – 4060	
	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
<b>Bed length</b>	22 FT		24 FT		30 FT		36 FT		40 FT		40 FT	
<b>Width of bed</b>	30"	750 MM	32"	800 MM	36"	900 MM	40"	1000 MM	48"	1200 MM	60"	1500 MM
<b>Height of Center</b>	28"	700 MM	30"	750 MM	34"	850 MM	38"	950 MM	46"	1150 MM	55"	1375 MM
<b>Spindle Bore</b>	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM	4.1/8"	105 MM
<b>Swing in Gap</b>	80"	2000 MM	86"	2150 MM	92"	2300 MM	101"	2525 MM	116"	2900 MM	142"	3550 MM
<b>Swing over Bed</b>	56"	1400 MM	60"	1500 MM	68"	1700 MM	76"	1900 MM	92"	2300 MM	110"	2750 MM
<b>No. of Spindle Speed</b>	6		6		6		6		6		6	
<b>Admit Between Centre</b>	192"	4800 MM	216"	5400 MM	282"	7050 MM	353"	8825 MM	400"	10000 MM	381"	9525 MM
<b>Leading Screw Dia</b>	2 3/4"	70 MM	3"	75 MM	3"	75 MM	3 1/2"	88 MM	4 1/2"	112 MM	5"	125 MM
<b>H.P Required</b>	10 H.P		15 H.P		25 H.P		25 H.P		30 H.P		40 H.P	

### STANDARD ACCESSORIES: -

1. STEADY REST
2. FOLLOW REST
3. FACE PLATE
4. MOTOR PLATE
5. DOG CHUCK PLATE
6. CHANGE GEAR SET

### EXTRA ACCESSORIES: -

1. OUR JAWS INDEPENDENT CHUCK
2. THREE JAWS SELF CENTERING CHUCK
3. ELECTRIC MOTOR
4. STARTER
5. SET VEE BELTS
6. MOTOR PULLY
7. COOLANT PUMP WITH TANK & ASSAMBLY
8. DEAD CENTRE
9. SERVICE TOOLS
10. TAPPER TURNING ATTACHMENT
11. TOOL POST GRINDER
12. MACHINE LAMP
13. OIL CAN
14. SPLASH GUARD
15. MOTOR GUARD.

## ALL GEARED LATHE MACHINE



Technical Specification	MODEL NO						
	OMAL – 44	OMAL – 55	OMAL – 62	OMAL – 65	OMAL – 68	OMAL - 75	OMAL – 80
<b>Bed length</b>	<b>4.5 FT</b>	<b>5 FT &amp; 6 FT</b>	<b>5 FT &amp; 6 FT</b>	<b>8 FT &amp; 11 FT</b>	<b>7 FT</b>	<b>9 &amp; 12 FT</b>	<b>9 FT &amp; 12 FT</b>
<b>Width of bed</b>	240 MM	242 MM	242 MM	280 MM	325 MM	325 MM	375 MM
<b>Height of Center</b>	170 MM	175 MM	180 MM	215 MM	240 MM	240 MM	300 MM
<b>Swing Over Bed</b>	340 MM	350 MM	360 MM	430 MM	480 MM	480 MM	600 MM
<b>Swing over Slide</b>	180 MM	190 MM	200 MM	270 MM	275 MM	275 MM	390 MM
<b>Spindle Bore</b>	40 MM	40 MM	40 MM	50 MM	50 MM	50 MM	80 MM
<b>Spindle Nose</b>	LOO – Type	LOO - Type	LOO - Type	LOO – Type	LOO - Type	LOO - Type	LOO - Type
<b>No. of Spindle Speed</b>	8	8	18 H-L	8	18 H-L	18 H-L	16 H-L
<b>RPM</b>	60 – 1025	60 - 1025	30 – 1550	60 – 1025	30 - 1550	30 - 1550	30 – 1050
<b>Cross Slide Travel</b>	175 MM	180 MM	185 MM	220 MM	260 MM	260 MM	325 MM
<b>Top Slide Travel</b>	125 MM	125 MM	125 MM	130 MM	150 MM	150 MM	150 MM
<b>Tail Stock Sleeve</b>	<b>MT – 3</b>	<b>MT – 3</b>	<b>MT – 3</b>	<b>MT – 3</b>	<b>MT – 4</b>	<b>MT – 4</b>	<b>MT – 4</b>
<b>Quill Dia. / Travel</b>	50 / 125	50 / 125	50 / 125	50 / 125	75 / 150	75 / 150	75 / 150
<b>Tool Shank Section</b>	20 x 20 MM	20 x 20 MM	20 x 20 MM	20 x 20 MM	25 x 25 MM	25 x 25 MM	25 x 25 MM
<b>Feeds Longitudinal</b>	No.40/.002-1	No.40/.002-1	No.40/.002-1	No.40/.002-1	No.40/.002-1	No.40/.002-1	No.40/.002-1
<b>Feeds Transverse</b>	No.40/.005-0.025	No.40/.005-0.025	No.40/.005-0.025	No.40/.005-0.025	No.40/.005-0.025	No.40/.005-0.025	No.40/.005-0.025
<b>Metric Thread</b>	40/0.4-7mm	40/0.4-7mm	40/0.4-7mm	40/0.4-7mm	40/0.4-7mm	40/0.4-7mm	40/0.4-7mm
<b>Thread Per Inch</b>	45/70-4 TPI	45/70-4 TPI	45/70-4 TPI	45/70-4 TPI	45/70-4 TPI	45/70-4 TPI	45/70-4 TPI
<b>Lead Screw</b>	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI
<b>Admit Between Centre</b>	600 MM	750 / 1000 MM	750 / 1000 MM	1500/2500 MM	1000 MM	1600/2500 MM	1500/2500 MM
<b>H.P Required</b>	1.5 KW (2 H.P)	1.5 KW (2 H.P)	1.5 KW (2 H.P)	2.25 KW (3 H.P)	3.7 KW (5 H.P)	3.7 KW (5 H.P)	3.7 KW (5 H.P)
<b>Weight Apprx.</b>	550 KGS	750 / 850 KGS	750 / 850 KGS	1200/1500 KGS	1350 KGS	1500/1800 KGS	1900/2300 KGS