

**HEAVY DUTY
ALL GEARED
LATHE MACHINE**



TECHNICAL SPECIFICATION

CAPACITIES						
MODEL		AG-1	AG-2	AG-3	AG-4	
Height of center	MM	250 300	350	400	450	500
Swing over bed	MM	480 580	680	780	880	980
Swing over cross slide	MM	300 380	500	500	600	650
Swing in gap	MM	800 900	1000	1100	1200	1300
Width of bed	MM	325 (12 ¾")	375 (15")	450 (18")	500 (20")	
Width of gap in front of faceplate	MM	220	220	220	220	
			ADMIT BETWEEN CENTER			
BED LENGTH	7'	1000 mm	1000 mm	700 mm	700 mm	
	9'	1560 mm	1560 mm	1300 mm	1300 mm	
	10'	1900 mm	1900 mm	1600 mm	1600 mm	
	12'	2500 mm	2500 mm	2200 mm	2200 mm	
	14'	3100 mm	3100 mm	2800 mm	2800 mm	
	16'		3700 mm	3400 mm	3400 mm	
	18'		4300 mm	4000 mm	4000 mm	
20'		4900 mm	4600 mm	4600 mm		
HEAD STOCK						
(HARDENED & GROUND GEARS)						
Spindle Nose	DIA/Threads	104 / 6 T.P.I.	104 / 6 T.P.I.	104 / 6 T.P.I.	104 / 6 T.P.I.	
Spindle Nose (OPTIONAL)	DIA/Threads	----	----	146/6T.P.I.	146/6T.P.I.	
Spindle Bore	MM	50	80	80	80	
Spindle Bore (OPTIONAL)	MM	----	----	100	100	
Taper in Spindle Nose Sleeve		MT-4	MT-4	MT-4	MT-4	
No. of Spindle Speeds / RANGE		12 / (70 – 1200)	12 / (70 – 1200)	12 / (70 – 1200)	12 / (70 – 1200)	
No. of Spindle Speeds / RANGE (OPTIONAL)		-----	-----	08 / (70 - 825)	08 / (70 - 825)	
THREAD						
Metric threads nos./range	MM	20/0.5-15	20/0.5-15	15/1-15	15/1-15	
With worth threads nos./range	T.P.I.	40/60-2	40/60-2	38/30-2	38/30-2	
Lead Screw	DIA /T.P.I.	38 / 4	38 / 4	50 / 2	50 / 2	
CARRIAGE						
Cross slide travel	MM	250	350	450	500	
Top slide travel	MM	125	140	175	175	
Max tool shank size	MM	25 X 25	32 x 32	38x38	38 x 38	
TAIL STOCK						
Tail stock sleeve taper		MT 4	MT 4	MT 5	MT 5	
Sleeve dia	MM	60	60/75	75	75	
Sleeve travel	MM	150	150	250	250	
GENERAL						
Main Motor Power	HP/KW	3 / 2.2	5 / 3.75	5 / 3.75	5 / 3.75	
Main Motor Power(OPTIONAL)	HP/KW	---	---	7.5 / 5.5	7.5 / 5.5	

(We reserve the rights for modifications concerning design, dimension & weight. Pictures are not Binding)

SPECIAL HEAVY DUTY LATHE AT EXTRA HEIGHT OF CENTRE, APART FROM ABOVE MODEL IS AVAILABLE ON REQUEST.

STANDARD ACCESSORIES

Face Plate, Chuck Plate, Dead Centers, Center Adaptor, thread Dial Indicator, Set of Change Gears, Set of Spanner Electrical Motor with Rev/Fwd Switch, Splash Guard upto 10' BED LENGTH only.

OPTIONAL ACCESSORIES

Steady rest, Follow rest, Coolant Pump, Machine Lamp, Taper Turning Attachment, Quick Change Tool Post, Revolving Center.3 jaw self centering chuck, 4 jaw independent chuck. A2-6/A2-8 Type Spindle Nose, Electricals (Panel Board), Rapid Saddle Movement

OUR PRODUCTS RANGE



CNC EDM (Pg. No. 03)



CNC EDM (Pg. No. 04)



ZNC EDM DC SERVO (Pg. No. 05)



ZNC EDM AC SERVO (Pg. No. 06)



CNC DRILL EDM (Pg. No. 07)



DRILL EDM (Pg. No. 08)



CNC WIRE CUT DC STEPPER (Pg. No. 09)



CNC WIRE CUT AC SERVO (Pg. No. 10)



LASER WELDING (Pg. No. 11)



HAND HELD LASER (Pg. No. 12)



FIBER LASER CUTTING (Pg. No. 13)



LASER MARKING/ENGRAVING (Pg. No. 14)



MIRO TIG WELDING (Pg. No. 14)



CNC ENGRAVING (Pg. No. 15, 16)



CNC WOOD ROUTER (Pg. No. 17)



SINGLE LIP GRINDER (Pg. No. 18)



Tapping Machine (Pg. No. 19)



DIGITAL READOUT (Pg. No. 19)



CONSUMABLES/SPARES (Pg. No. 20)



VERTICAL MOULDING (Pg. No. 21)



MILLING MACHINE (Pg. No. 22,23)



LATHE MACHINE (Pg. No. 24,25, 26, 27)



RADIAL DRILL MACHINE (Pg. No. 28, 29)



Tool and Cutter Grinder (Pg. No. 30,31)

Registered Address :

C-46, Mangolpuri Industrial Area,
Phase-I, New Delhi-110083 (India)

 7529999900 / 9311003936

 www.jkmachines.co

www.jkmachines.co.in

 jk.machines@hotmail.com

info@jkmachines.co



Deals In industrial Machinery



FACEBOOK



INSTAGRAM



WHATSAPP



YOUTUBE

