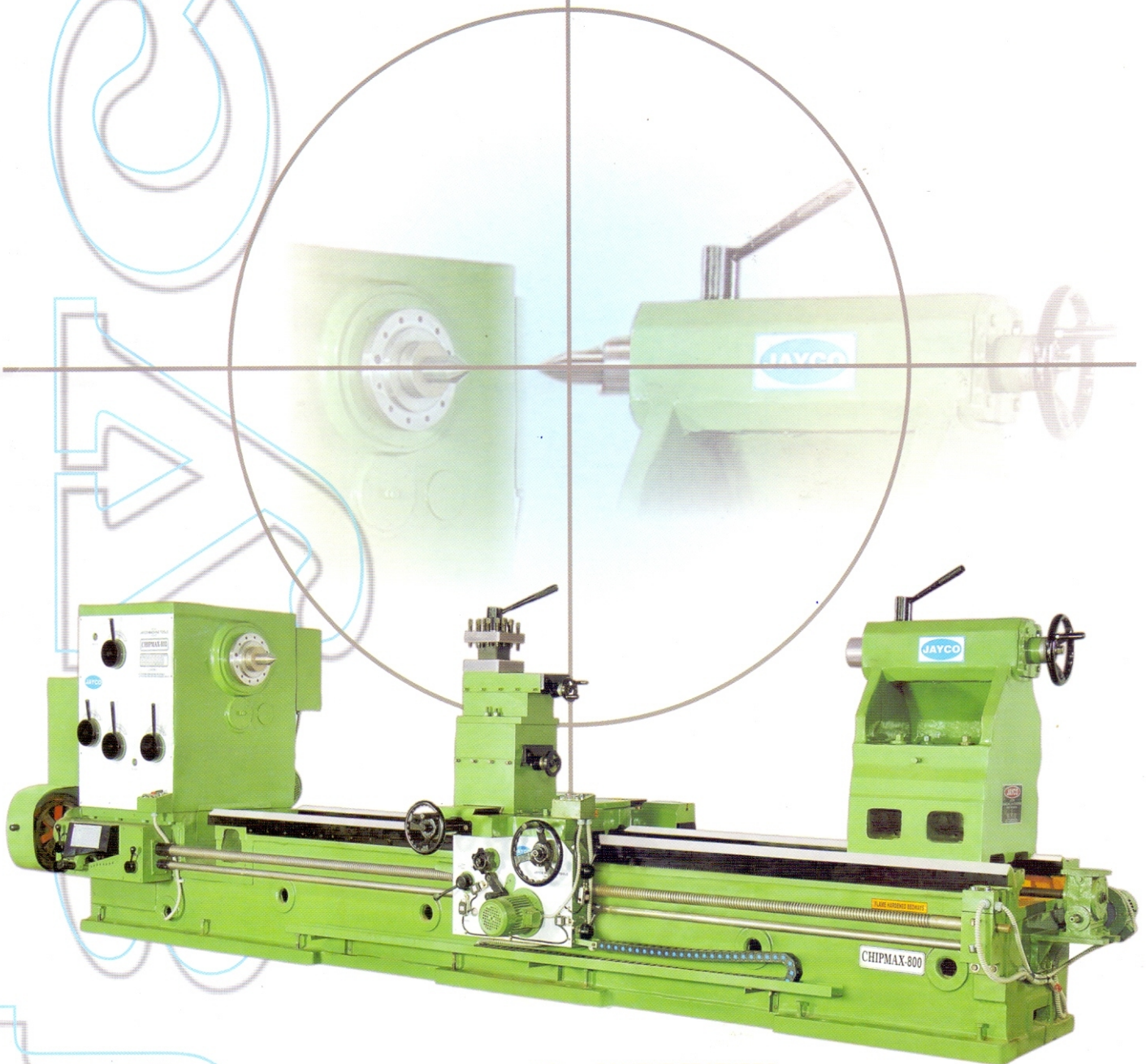


JAYCO

EXTRA HEAVY DUTY ALL GEARED LATHE FOR PRODUCTIVITY AND ACCURACY

MODEL : CHIPMAX - 650, 750, 800, 900



ROLL TURNING LATHE

SALIENT FEATURES

- Robust graded castings.
- A2-8 type spindle nose.
- Spindle bore 104 mm.
- Force lubrication system in head stock.
- All gears in head stock are made from alloy steel hardened and ground.
- Extra heavy carriage and cross slide to with stand heavy stock removal.
- Turcite-B Lining on saddle guide ways for smooth running.
- Bed having 2 vee and 2 flat guide ways.
- Accuracy confirming to IS 1878 (part II) 1993.



EXTRA HEAVY DUTY ALL GEARED LATHE
MODEL : CHIPMAX - 650, 750, 800, 900

TECHNICAL SPECIFICATION

VERSATILITY

Built-in gap bed.

Norton gear box for choosing a wide range of feeds & threads.

Wide variety of optional accessories for higher productivity.

BUILT-IN ACCURACY

All major casting 25 grade artificially seasoned for retaining built-in accuracy.

All components precision machined on imported Mother Machines.

Hardened and ground alloy steel gears mounted on precision hobbled splined shafts & lay in oil bath.

Flame hardened and ground bed for minimum wear.

Alloy steel lead screw.

Full length cross slide if required.

Each machine tested to IS-1878-(Part-II) 1993.

INTERCHANGEABILITY

All components machined using jigs & fixtures on imported Mother Machines to close tolerance thus providing easy interchangeability.

STANDARD ACCESSORIES : Hardened bed, Harden & ground gear in head stock, Turcite-B in saddle guide-ways over the bed, Tool Post Key (2 Nos.) Dead Centre, Centre Adaptor, Vee Belt, Four way Tool Post with ratchet, Chiptray, Tail Stock moving device, Electric Motor, Motor Pulley with Complete Electricals, Set of Spanner, Thread Dial Indicator. Universal Norton Gear Box for Inch-MM threads & change gears, Instruction / Spare Parts Manual & Electrical Wiring Diagram.

OPTIONAL ACCESSORIES : Face Plate, Chuck Plate, Coolant Pump with Tank & Fitting, Splash Guard, Revolving Centre, Taper Turning Attachment, Steady Rest, Follow Rest, True Chuck, Dog Chuck, Rear Tool Post with extra long slide, Machine Lamp, Motorised Carriage for rapid travers. Special Tail Stock for heavier job, Live Tail Stock, Bearing type steady rest, Tool Post Grinder.

Note : Due to technological developments, The illustrations and specifications are not binding in detail and are subject to modifications and improvements without prior notice.

TECHNICAL DATA	HEAVY DUTY ALL GEARED LATHE SERIES				
MODEL	CHIPMAX-650	CHIPMAX-750	CHIPMAX-800	CHIPMAX-900	CHIPMAX-1000
HEIGHT OF CENTER	650mm	750mm	800mm	900mm	1000mm
WIDTH OF BED	650mm	800mm	850mm	950mm	1050mm
SWING OVER CROSS SLIDE	900mm	1150mm	1250mm	1450mm	1545mm
SWING OVER SADDLE	1025mm	1300mm	1350mm	1600mm	1695mm
SWING OVER BED	1200mm	1500mm	1550mm	1800mm	1895mm
SWING IN GAP	1625mm	2000mm	2050mm	2400mm	2600mm
WIDTH OF GAP IN FRONT OF FACE PLATE	300mm	300mm	300mm	400mm	400mm
MAIN SPINDLE					
SPINDLE BORE (STANDARD)	125mm	125mm	125mm	125mm	125mm
OPTIONAL	-	-	-	150mm	150mm
SPINDLE NOSE	A2-11	A2-11	A2-11	A2-11	A2-11
NOSE TAPER IN SPINDLE & SLIDE	MT-6	MT-6	MT-6	MT-6	MT-6
SPEED					
SPINDLE SPEED (NOS/RANGE)	12 6 to 300 RPM	12 6 to 300 RPM	12 6 to 300 RPM	12 6 to 300 RPM	12 6 to 300 RPM
(OPTIONAL)	20 to 600 RPM	20 to 600 RPM	20 to 600 RPM	20 to 600 RPM	20 to 600 RPM
CARRIAGE					
CROSS SLIDE TRAVEL	700mm	775mm	925mm	1100mm	1100mm
COMPOUND SLIDE TRAVEL	250mm	250mm	325mm	325mm	325mm
TOOL SHANK SECTION	40 x 40	40 x 40	40 x 40	50 x 50	50 x 50
LEAD SCREW					
D/A	60mm	60mm	60mm	60mm	60mm
PITCH	2 TPI	2 TPI	2 TPI	2 TPI	2 TPI
THREADED					
MM (15 Nos.)	Range 1.0 to 15	Range 1.0 to 15	Range 1.0 to 15	Range 1.0 to 15	Range 1.0 to 15
INCH (38 Nos.)	Range 1.0 to 30	Range 1.0 to 30	Range 1.0 to 30	Range 1.0 to 30	Range 1.0 to 30
FEED					
NUMBER OF FEED	50	50	50	50	50
LONGITUDINAL FEED	0.078 to 1.166	0.078 to 1.166	0.078 to 1.166	0.078 to 1.166	0.078 to 1.166
CROSS FEED	0.016 to 0.470	0.016 to 0.470	0.016 to 0.470	0.016 to 0.470	0.016 to 0.470
TAIL STOCK					
RAM DIAMETER	125mm	125mm	125mm	125mm	125mm
NOSE TAPER IN RAM	MT - 6	MT - 6	MT - 6	MT - 6	MT - 6
RAM TRAVEL	250mm	250mm	250mm	300mm	300mm
ELECTRICALS					
POWER SUPPLY	415 V, 3 Ph, 50Hz	415 V, 3 Ph, 50Hz	415 V, 3 Ph, 50Hz	415 V, 3 Ph, 50Hz	415 V, 3 Ph, 50Hz
Main motor power KW/HP	15 HP	15 HP	15 HP	20 HP	20 HP
RPM STD / OPTIONAL	1440 / 960	1440 / 960	1440 / 960	1440 / 960	1440 / 960

SOLD & SERVICED BY :

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