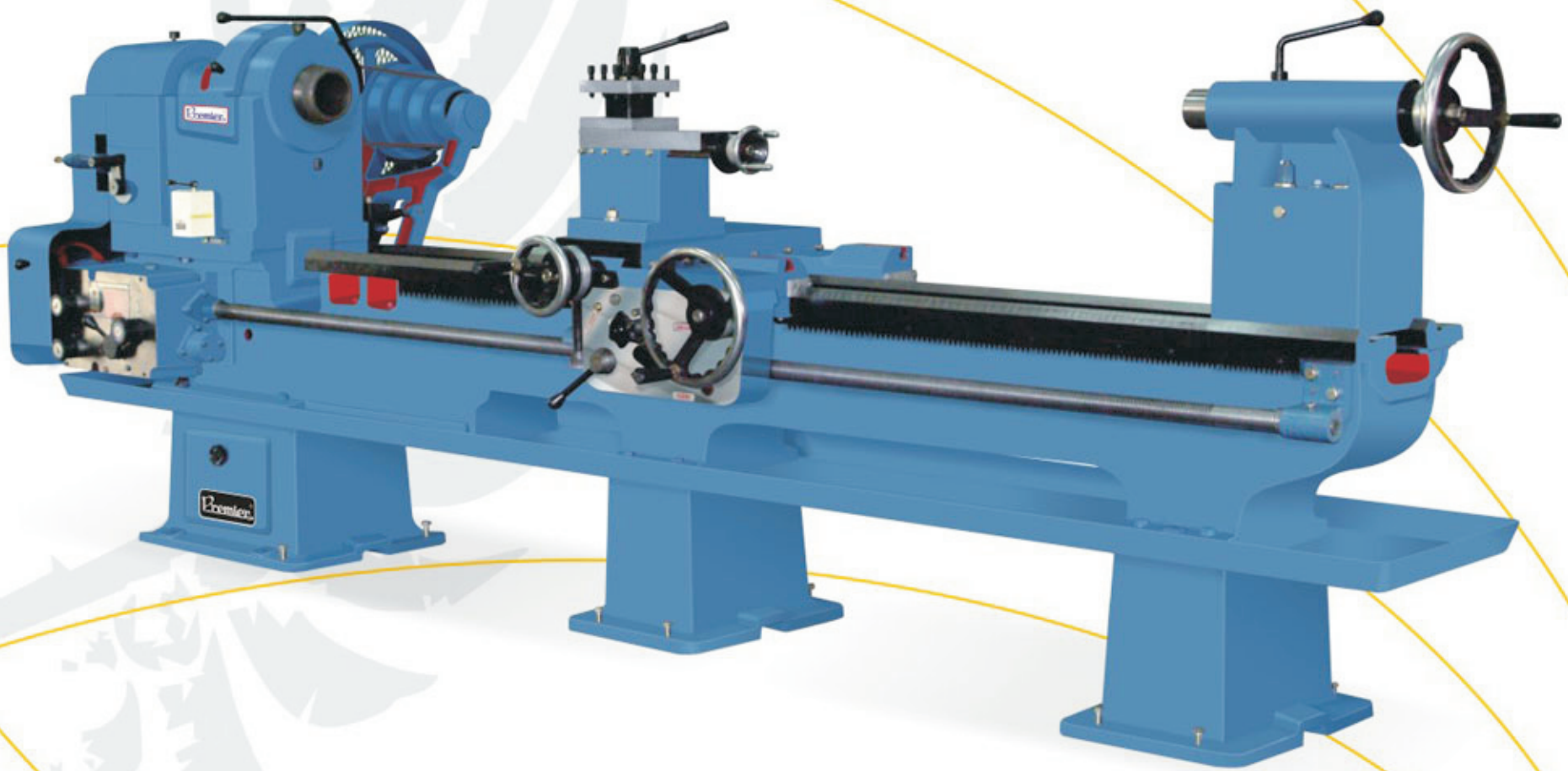


Premier[®]
LATHE MACHINE



extra heavy duty



technical specification

Capacity	Standard	Optional
	Center height 13" - 330mm	Center height 15" - 380mm
Center height	13" - 330 mm	15" - 380 mm
Swing over bed	25" - 635 mm	29" - 735 mm
Swing over cross slide	17" - 430 mm	21" - 530 mm
Swing in gape	37" - 940 mm	41" - 1040 mm

Bed	Admit Between Center
Bed length	
EHD - 1 (5' - 6" - 1675 mm)	22" - 555 mm
EHD - 2 (7' - 0" - 2135 mm)	39" - 1000 mm
EHD - 3 (9' - 0" - 2745 mm)	64" - 1625 mm
EHD - 4 (10' - 0" - 3050 mm)	76" - 1930 mm
EHD - 5 (12' - 0" - 3660 mm)	100" - 2540 mm
EHD - 6 (14' - 0" - 4270 mm)	124" - 3150 mm
EHD - 7 (16' - 0" - 4875 mm)	147" - 3700 mm
EHD - 8 (18' - 0" - 5485 mm)	170" - 4300 mm
EHD - 9 (20' - 0" - 6100 mm)	195" - 4950 mm
Bed type	2V & 2 Flat
Bed width	15" - 380 mm
Length of gape in front of face plate	8" - 200 mm

Head Stock	
Number of spindle speed	8
Range of spindle speed	30 to 490 RPM
Spindle nose dia.	3" - 76 mm
Spindle bore	2.1/8" - 52 mm
Spindle threads	6TPI
Spindle morse taper (Inside)	MT - 4

Carriage & Compound	
Cross slide dimension	10" - 250 mm x 20" - 510 mm
Cross slide travel	13" - 330 mm
Compound slide dimension	14" - 355mm x 6" - 155 mm
Compound slide travel	8" - 200 mm
Tool post square	6" - 150 mm
Tool shank section	1" - 25 mm x 1" - 25 mm

Tail Stock	
Spindle ram diameter	2.3/4" - 70 mm
Spindle ram travel	8" - 200 mm
Spindle ram morse taper	MT - 4

Threads	
Number of threads range in metric	13
Number of threads range in inch	19
Number of pitch range in metric	1 to 6 PITCH
Number of pitch range in inch	2 to 24 TPI
Lead screw diameter	1.1/2" - 38 MM
Lead screw threads	4 TPI

- Special Features**
- 1) Flame hardened bed ways.
 - 2) Bed is made from high quality cast iron and strictly inspected with microlevel & straight edge.
 - 3) Headstock spindle is made from high tensile steel duly hardened & ground.
 - 4) Apron is totally enclosed oil bath system with lever type arrangement for automatic feeds.
 - 5) Tail stock spindle is hardened & ground, made from alloy steel.
 - 6) Meticulous care is taken in selecting the right raw material for every component.
Each & every component is passed through strict quality control.
 - 7) Machine accuracy is tested as per IS : 1878 (Part - I) 1971.

Standard Accessories

Chuck back plate, tool post spanner, Centre adapter, Dead centres - 2 nos, Motor pulley, Change gear set

Optional Accessories

Face plate, Steady rest, Follow rest, Carrier plate, Full or Semi Norton gear box, Rear tool post with extended cross slide, Coolant pump with tank and fittings, Taper turning attachment, Machine lamp, Electric Motor, R/f switch, Motor Vee Belt, Dog chuck, True chuck, Spindle bore (3.1/8" - 80 mm, 4.1/8" - 100 mm, 5.1/8" - 130 mm, 6.1/8" - 155 mm)

Electrical
Motor Recommended 5 H.P. / 3.7 KW
Colour Option
Green / Grey / Blue (Double Tone Colour at Extra Cost)

General Specification

MODEL	Machine Weight (Approx.) Kgs.	Floor Space (Approx.) L x W x H
EHD - 1	1450 kgs.	2000 x 1150 x 1650 mm
EHD - 2	1650 kgs.	2450 x 1150 x 1650 mm
EHD - 3	1750 kgs.	3000 x 1150 x 1650 mm
EHD - 4	1950 kgs.	3450 x 1150 x 1650 mm
EHD - 5	2150 kgs.	4100 x 1150 x 1650 mm
EHD - 6	2550 kgs.	4750 x 1150 x 1650 mm
EHD - 7	2950 kgs.	5350 x 1150 x 1650 mm
EHD - 8	3450 kgs.	6100 x 1150 x 1650 mm
EHD - 9	3950 kgs.	6400 x 1150 x 1650 mm

Mfg. By

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• The above specifications are approximate and subject to change without prior notice as improvements are made from time to time.
• All The parts shown in photo are not included in standard accessories.