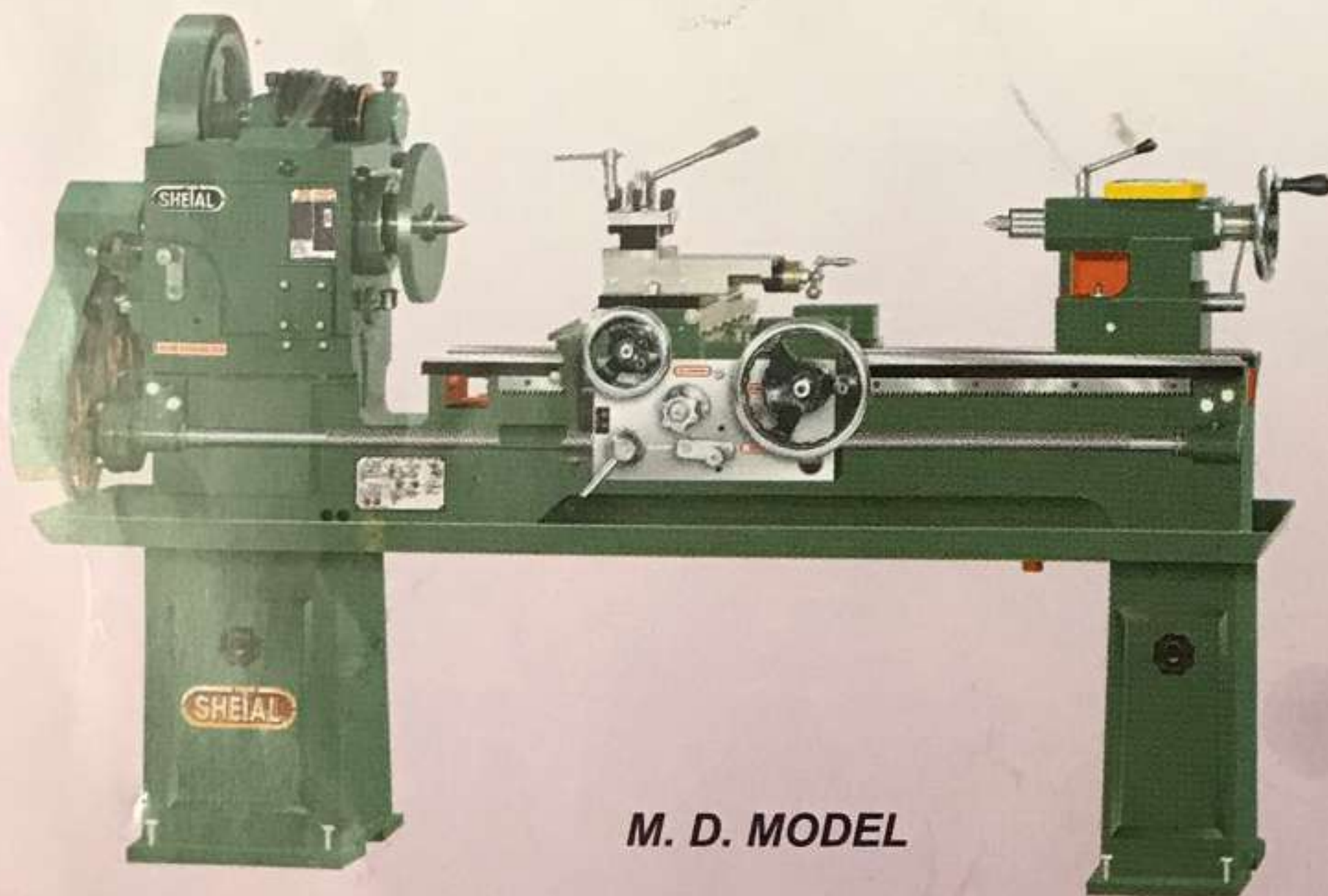


SHEIAL

HEAVY, MEDIUM AND
LIGHT DUTY LATHE MACHINES



H. D. MODEL



M. D. MODEL



L. D. MODEL

Precision Beyond Success!



MANUFACTURED BY :

GAYATREE
ENTERPRISE

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TECHNICAL SPECIFICATION OF HEAVY DUTY PRECISION LATHE MACHINE

DESCRIPTION	SHEAL HD NO. 1	SHEAL HD NO. 2	SHEAL HD NO. 3	SHEAL HD NO. 4	SHEAL HD NO. 5
LENGTH OF BED	1675 MM (5' 6")	2135 MM (7')	2745 MM (9')	3045 MM (10')	3660 MM (12')
MAX. A.B. CENTER	508 MM (20")	965 MM (38")	1575 MM (62")	1880 MM (74")	2490 MM (98")
MAX. SWING OVER BED.	455 MM (18")	455 MM (18")	455 MM (18")	455 MM (18")	455 MM (18")
MAX. SWING WITHOUT GAP.	760 MM (30")	760 MM (30")	760 MM (30")	760 MM (30")	760 MM (30")
MAX. SWING OVER CROSS SLIDE	280 MM (11")	280 MM (11")	280 MM (11")	280 MM (11")	280 MM (11")
HEIGHT OF CENTER OVER FLATE BED WAYS	254 MM (10")	254 MM (10")	254 MM (10")	254 MM (10")	254 MM (10")
WIDTH OF BED	324 MM (12.3/4")	324 MM (12.3/4")	324 MM (12.3/4")	324 MM (12.3/4")	324 MM (12.3/4")
WIDTH OF GAP IN FRONT OF FACE PLATE	178 MM (7")	178 MM (7")	178 MM (7")	178 MM (7")	178 MM (7")
SPINDLE HOLE	54 MM (2.1/8")	54 MM (2.1/8")	54 MM (2.1/8")	54 MM (2.1/8")	54 MM (2.1/8")
NO. OF SPINDLE SPEEDS	8 (25 TO 500 RPM)	8 (25 TO 500 RPM)	8 (25 TO 500 RPM)	8 (25 TO 500 RPM)	8 (25 TO 500 RPM)
LEAD SCREW DIA. & PITCH	38 MM (1.1/2") 4 TPI	38 MM (1.1/2") 4 TPI	38 MM (1.1/2") 4 TPI	38 MM (1.1/2") 4 TPI	38 MM (1.1/2") 4 TPI
TAPPER OF CENTER IN HEAD AND T.S.	MT. - 4	MT. - 4	MT. - 4	MT. - 4	MT. - 4
NO. OF METRIC THREADS AND RANGE	(1 TO 6 MM PITCH) 13	(1 TO 6 MM PITCH) 13	(1 TO 6 MM PITCH) 13	(1 TO 6 MM PITCH) 13	(1 TO 6 MM PITCH) 13
NO. OF INCH THREADS & RANGE	(2 TO 24 TPI) 19	(2 TO 24 TPI) 19	(2 TO 24 TPI) 19	(2 TO 24 TPI) 19	(2 TO 24 TPI) 19
FLATE BELT SIZE	50 MM x 2 MTR.	50 MM x 2 MTR.	50 MM x 2 MTR.	50 MM x 2 MTR.	50 MM x 2 MTR.
POWER OF AC MOTOR 3 P.H. (1440 RPM)	2 HP.	2 HP.	3 HP.	3 HP.	3 HP.
APPROX WEIGHT IN KG.	1100 KG.	1250 KG.	1350 KG.	1450 KG.	1650 KG.

STANDARD ACC. : FACE PLATE, CHUCK PLATE, CENTER ADAPTER 2 NOS., DEAD CENTER, TOOL POST KEY, CHANGE GEAR SET OF (INCH & MM) STEADY REST, MOTOR PULLEY.

EXTRA STANDARD & ELECTRICAL ACC. : FOLLOW REST, CHUCK, ELE. MOTOR, NYLONE BELT, RE. SWITCH, MOTOR V-BELT.



TECHNICAL SPECIFICATION OF MEDIUM DUTY PRECISION LATHE MACHINE

DESCRIPTION	SHEAL MD NO. 1	SHEAL MD NO. 2	SHEAL MD NO. 3
LENGTH OF BED	1370 MM (4' 6")	1525 MM (5' 3")	1830 MM (6' 00")
MAX. A.B. CENTER	508 MM (20")	660 MM (26")	965 MM (38")
MAX. SWING OVER BED	381 MM (15")	381 MM (15")	381 MM (15")
MAX. SWING WITHOUT GAP	610 MM (24")	610 MM (24")	610 MM (24")
MAX. SWING OVER CROSS SLIDE	203 MM (8")	203 MM (8")	203 MM (8")
HEIGHT OF CENTER OVER FLATE BED WAYS	215 MM (8-1/2")	215 MM (8-1/2")	215 MM (8-1/2")
WIDTH OF BED	280 MM (11")	280 MM (11")	280 MM (11")
WIDTH OF GAP IN FRONT OF FACE PLATE	127 MM (5")	127 MM (5")	127 MM (5")
SPINDLE HOLE	54 MM (2-1/8")	54 MM (2-1/8")	54 MM (2-1/8")
NO. OF SPINDLE SPEED & RANGE	6 (68 to 600)	6 (68 to 600)	6 (68 to 600)
LEAD SCREW DIA. & PITCH	32 mm (1-1/4") 4 TPI	32 mm (1-1/4") 4 TPI	32 mm (1-1/4") 4 TPI
TAPPER OF CENTER IN HEAD & T.S.	MT. - 4	MT. - 4	MT. - 4
NO. OF METRIC THREADS AND RANGE	(1 TO 6 MM) 13	(1 TO 6 MM) 13	(1 TO 6 MM) 13
NO. OF INCH THREADS AND RANGE	(2 TO 24 TPI) 19	(2 TO 24 TPI) 19	(2 TO 24 TPI) 19
V - BELT DRIVE	DOUBLE V-BELT "B"	DOUBLE V-BELT "B"	DOUBLE V-BELT "B"
POWER OF AC MOTOR 3 P.H. (1440 RPM)	1.5 HP. OR 2 H.P.	1.5 HP. OR 2 H.P.	1.5 HP. OR 2 H.P.
APPROX WEIGHT IN KG.	675 KG.	700 KG.	775 KG.

STANDARD ACC. : 8" CHUCK PLATE, 2 NOS DEAD CENTER, CENTER ADAPTER, TOOL POST KEY, CHANGE GEAR SET, (INCH & MM). MOTOR PULLY

EXTRA STANDARD & ELECTRICALS ACC. : STEADY REST, FOLLOW REST, FACE PLATE, CHUCK, ELE.MOTOR, RE SWITCH, MOTOR V-BELT



TECHNICAL SPECIFICATION OF LIGHT DUTY PRECISION LATHE MACHINE

DESCRIPTION	SHEAL LD NO. 1	SHEAL LD NO. 2	SHEAL LD NO. 3
LENGTH OF BED	1370 MM (4' 6")	1600 MM (5' 3")	1830 MM (6')
MAX. A.B. CENTER	685 MM (27")	915 MM (36")	1145 MM (45")
MAX. SWING OVER BED	305 MM (12")	305 MM (12")	305 MM (12")
MAX. SWING WITHOUT GAP	495 MM (19")	495 MM (19")	495 MM (19")
MAX. SWING OVER CROSS SLIDE	178 MM (7")	178 MM (7")	178 MM (7")
HEIGHT OF CENTER OVER FLATE BED WAYS	165 MM (6.1/2")	165 MM (6.1/2")	165 MM (6.1/2")
WIDTH OF BED	240 MM (9.1/2")	240 MM (9.1/2")	240 MM (9.1/2")
SPINDLE HOLE	40 MM (1.9/16")	40 MM (1.9/16")	40 MM (1.9/16")
NO. OF SPINDLE SPEEDS	8 (35 TO 855 RPM)	8 (35 TO 855 RPM)	8 (35 TO 855 RPM)
LEAD SCREW DIA. & PITCH	25 MM (1" x 4" TPI)	25 MM (1" x 4" TPI)	25 MM (1" x 4" TPI)
TAPPER OF CENTER IN HEAD & T.S.	MT. - 3.	MT. - 3.	MT. - 3.
NO. OF METRIC THREADS AND RANGE	(1 TO 6 MM PITCH) 13	(1 TO 6 MM PITCH) 13	(1 TO 6 MM PITCH) 13
NO. OF INCH THREADS & RANGE	(2 TO 24 TPI) 19	(2 TO 24 TPI) 19	(2 TO 24 TPI) 19
POWER OF AC MOTOR 3 P.H. (1440 RPM)	1 HP.	1 HP.	1 HP.
APPROX. WEIGHT IN KG.	460 KG.	510 KG.	540 KG.

STANDARD ACC. : 8" CHUCK PLATE, CHANGE GEAR SET OF (INCH & MM.) TWO NOS. DEAD CENTER, ONE NO. CENTER ADAPTER, MOTOR PULLEY, TOOL POST KEY.
EXTRA STANDARD & ELECTRICALS ACC. STEADY REST, FOLLOW REST, FACE PLATE, CHUCK, ELE. MOTOR, RE.. SWITCH, MOTOR V-BELT.

NOTE : AS IMPROVEMENTS ARE CONSTANTLY MADE IN OUR MACHINES, THE ABOVE SPECIFICATIONS, DIMENSION AND WEIGHTS ARE SUBJECT TO CHANGE WITHOUT NOTICE AND ARE NOT BINDING ON US.