

HYDRAULIC THREAD ROLLING MACHINES

- (a) Hydraulic Thread Rolling Machines (Two Roll Type)
- (b) Hydraulic Thread Rolling Machines (Three Roll Type)

HYDRAULIC THREAD ROLLING MACHINE (Two Roll Type)



FEATURES

- Powerful construction permits deep forming of threads, worms, serration knurls.
- Rigidity & Simplicity : Grade - 1 Casted Hardened and duly scrapped slide also the easy adjustment of machine as well as toolings enables an unskilled labourer to operate the machine.
- Machine is very much suitable for mass production and best surface finishes.

SPECIFICATION

Item Code No.	ABM-FM-6990	ABM-FM-6991	ABM-FM-6992	ABM-FM-6993
Max. Pitch Can be Rolled	1.5 mm	2.5 mm	3 mm	3.5 mm
Max. Dia. can be Rolled Infeed	15 mm	25 mm	30 mm	40 mm
Through Feed	7 mm	12 mm	20 mm	25 mm
Max. Rolling Length Infeed	50 mm	80 mm	100 mm	100 mm
Through Feed	Indefinite	Indefinite	Indefinite	Indefinite
Max. Outer Dia. T. Rolls	100 mm	160 mm	160 mm	180 mm
Spindle Dia. (Bore Dia.)	28 mm	54 mm	54 mm	54 mm
Max. Width T. Rolls	50 mm	100 mm	100 mm	100 mm
Maximum Rolling Force	5 Tons	10 Tons	10 Tons	12 Tons
Motor for Roll Spindles	1.5 H.P. / 1440 RPM	3 H.P. / 1440 RPM	3 H.P. / 1440 RPM	5 H.P. / 1440 RPM
Motor for Hydraulic Pump	1 H.P. / 1440 RPM	2 H.P. / 1440 RPM	3 H.P. / 1440 RPM	3 H.P. / 1440 RPM
Motor for Coolant Pump	0.1 H.P. / 3000 RPM	0.1 H.P. / 3000 RPM	0.1 H.P. / 3000 RPM	0.1 H.P. / 3000 RPM

Item Code No.	ABM-FM-6994	ABM-FM-6995	ABM-FM-6996
Max. Pitch Can be Rolled	4 mm	5 mm	5.5 mm
Max. Dia. can be Rolled Infeed	50 mm	80 mm	100 mm
Through Feed	30 mm	40 mm	50 mm
Max. Rolling Length Infeed	150 mm	150 mm	150 mm
Through Feed	Indefinite	Indefinite	Indefinite
Max. Outer Dia. T. Rolls	180 mm	180 mm	100 mm
Spindle Dia. (Bore Dia.)	54 mm	54 / 69.85 mm	69.85 mm
Max. Width T. Rolls	150 mm	150 mm	150 mm
Maximum Rolling Force	15 Tons	24 Tons	30 Tons
Motor for Roll Spindles	7.5 H.P. / 1440 RPM	10 H.P. / 1440 RPM	12.5 H.P. / 1440 RPM
Motor for Hydraulic Pump	5 H.P. / 1440 RPM	7.5 H.P. / 1440 RPM	7.5 H.P. / 1440 RPM
Motor for Coolant Pump	0.1 H.P. / 3000 RPM	0.1 H.P. / 3000 RPM	0.1 H.P. / 3000 RPM

HYDRAULIC THREAD ROLLING MACHINE (Three Roll Type)



FEATURES

- The 3 rollers H-3 R rolling machines operate hydraulically. The simultaneously and concentricity of three forces at 120 degree assure stability of the work piece during the rolling and as a consequence the maximum geometrical precision of the piece.
- The elimination of the support blade consents a better finishing of the piece and execution of particularly delicate profiles.
- This machine is suitable for rolling pipes, lapping work, threading with as high class precision and for mass production.



SPECIFICATION

Item Code No.	ABM-FM-7000	ABM-FM-7001
Max. Dia.	50 mm	30 mm
Min. Dia	20 mm	15 mm
Max. Pitch	2.5 mm	1.75 mm
Spindle Dia.	40 mm	40 mm
Max. Length of Thread	75 mm	50 mm

All Specifications are subject to change towards improvements without any prior notice.

Manufactured by ABM Fasteners (India) and Export Marketing by ABM Tools



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