



INDIA INTERNATIONAL MARKETING COMPANY



**TAPPING MACHINES - MATCHLESS PRECISION GEAR CHANGE PITCH CONTROL
TAPPING MACHINE**



SALIENT FEATURES

- Closed grained cast iron ribbed machine parts, minimize vibration and distortion.
- All moving parts are hardened and ground for long life.
- Bore honed to give high accuracy and close tolerance.
- Rack pinion also provided with feed friction clutch. These are designed to be idle on encounter of any obstacle or meeting any wrong point on tapping.
- Hardened change gears controls the pitch, which gives precise and rapid production of high accuracy.

This reduces the set lime and increase production.

- Main spindle pulley mounted with manually adjustable safety clutch.
- The change gears are used over and over again. This way conventional lead screw and nut are replaced; which have a poor repeatability and short Life span.
- Threads are never fractured or over cut due to elimination of excessive thrust force of feeding spindle.
- Tapping strokes are adjustable for high accuracy automatic reversing which is specially important for blind hole tapping applications.
- Capacity varies according to pitch material, type of thread etc.
- Optional pully available subject to material and thread.
- Standard equipments — Electrical panel, Electrical motor, Pully, V-belt & Two set of Gears for any pitch required.

Specifications

PARTICULARS	MODELS		
	MACH -01.10	MACH02.20	MACH – 03-30
TAPPING CAP IN STEEL	10MM	20MM	30MM
INCASTIRON	12MM	22MM	33MM
SPINDLE TRAVEL	45 MM	65 MM	70 MM
DISTANCE BETWEEN SPINDLE CENTRE TO COLUMN	210MM	260MM	285MM
VERTICALTRAVELOF TAPPING HEAD	410MM	450MM	460MM
COLUMN DIA	74MM	87MM	98MM
SPINDLE SPEEDS	400-750-1510	157-280-510	50-105-216
MOTOR RATING KW HP	0.75 1	1.1 1.5	1.5 2
NET WEIGHT KG	110	220	260
TAPPER IN SPINDLE	May vary from morse tapper (MT) size to collet system depending on job requirements.		
BASE WORKING AREA	230 x 240 MM	345 x 385 MM	360 x 400 MM
FLOOR AREA REQUIRED	320 x 490 MM	470 x 610 MM	500 x 655 MM
STANDARDTAPPING INMM 1 PITCHES 1 INTPI 1	0.5,0.6,0.7, 0.75, 0.8,0.9,1.0,125,1.5, 18,20,22,24,26,27, 26,32,36,40	1.0,125,1.5,115, 1.8,2.0,2.5, 10,11,11.5,12,13, 14, 16, 18,20,22	1.5,115,1.8,2.0, 2.5,3.0,3.5,4.0, 7,8,9,10,11, 12, 13,14
MINIMUM NO OF STROKES	40	15	6

Standard Accessories

Optional Accessories



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