

Application or Cycle operated Tapping Machine Series

Special Features

- Specially designed motors with F class insulation and temp. sensors embedded in the winding.
- Automatic tapping driven by lead screw/nut or gear pair provides accurate thread and consistent quality level.
- Easy replacement of gear pair or lead screw/nut for different pitches, fitted externally.
- There is no pulling force on component during tapping.
- In case of spindle overload safety mechanism is provided.
- Tapping cycle : Tap forward-depth-dwell-Tap reverse to Home.
- Micro switch controls the depth of tapping and reversal of motor, providing maximum operational convenience.



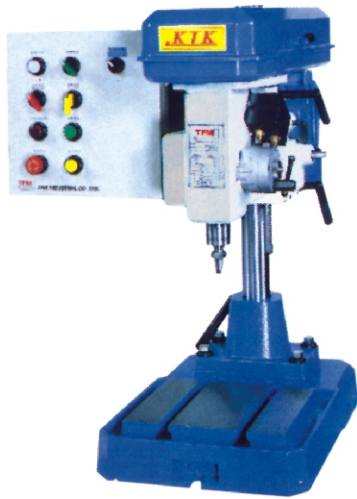
**FB MODEL
LEAD SCREW
TAPPING MACHINE**

PITCH CONTROLLED (Lead Screw Type) TAPPING MACHINE

Model	FB-T100	FB-T120	FB-T140
Maximum Tapping Capacity	M10	M20	M30
Spindle Taper	J16	MT3	MT4
Spindle Travel	100mm	120mm	150 mm
Spindle Speeds 3 Nos.	600.1000 1500	100.200 300	100.200 300
Throat	180mm	230mm	260mm
Column Diameter	80mm	102mm	115 mm
Day Light	500 mm	700 mm	700 mm
Motor HP	1HP	2HP	3Hp
Table Size	400 X 320	600 x 800	600 x 800

Note : Recommended for pitches above 1mm.

These tapping machines can achieve out put up to 10 Tappings per minute.



**BM-T50
GEARED TYPE
TAPPING MACHINE**

PITCH CONTROLLED (Geared Type) TAPPING MACHINE

Model	BM-T50	FB-T50	BM-T80	FB-T80
Maximum Tapping Capacity	M 10	M 10	M 16	M 16
Spindle Taper	JT2/JT2 a	JT2/JT2 a	MT3	MT3
Spindle Travel	45mm	45mm	65mm	65mm
Spindle Speed	420 760 1340	420 760 1340	155 285 515	155 285 515
Throat	180mm	180mm	230mm	230mm
Column Diameter	80mm	80mm	102mm	102mm
Day Light	500	500	470	700
Motor HP	1HP	1HP	2HP	2Hp
Table Size	330 x 510	320 x 400	390 x 580	400 x 500

Note : Recommended for pitches above 1mm.

These tapping machines can achieve out put up to 20 Tappings per minute.

Standard Accessories

- Reputed make specially designed main motor, with special class of insulation, duly assembled with all drive elements.
- Temperature sensors are provided in motor winding to sense the winding temperature.
- This device switches off the panel in case of over heating of the electric motor due to continuous reversal, there by protecting the motor from burning.
- Comprehensive electrical control panels/operting pendant with all safety elements and 'ASLC' for automation duly wired to the basic machine. (wherever applicable)
- Leveling screw arrangement (wherever applicable)
- Operation and maintenance manual.

Optional Accessories

- Variable frequency Drive for main spindle infinite speed variation within the range.
- Wood-peaking cycle for deep hole tapping.
- Multi-Spindle tap heads available.
- Guide bar arrangement.
- Component clamping fixture as per application.
- Tool holders suitable for application.
- Coolant system.
- Flexible lighting arrangement.
- Machine cladding
- Centralized lubrication system
- Mist coolant system.
- Anti vibration pads.

Note :

These optional accessories which influence the tapping operation are available at extra cost. Wide verity of each accessory is available. The model selection mainly depends upon the application.

Customers are expected to interact with the our design experts from the factory to finalize the above accessories.



Drilling & Tapping

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