

VERTICAL TURRET MILLING MACHINE WITH HORIZONTAL SPINDLE CHESTER T MILL X

Features:

- Constructed with robust Meehanite cast iron for durability and stability
- Slideways hardened and ground to ensure precise machining
- Table surface hardened for increased longevity
- Wide cross slide design provides maximum table support
- Slideways equipped with tapered gibs for added stability
- X, Y, and Z traverse locks for secure positioning
- Power feed mechanism for seamless movement along the X axis
- Head tilts at 45° increments, with a dowel for precise vertical positioning
- Inverter drive technology for optimal speed control
- Infinite speed range available for both horizontal and vertical spindles
- Swivel table feature for enhanced versatility
- Control with support arm designed to accommodate the DRO milling controls
- Featuring a large table width of 1000mm, providing ample space for various milling operations
- Combined drilling and milling machine for versatile workshop use
- Both vertical and horizontal milling capability in one machine
- Variable frequency drive on the vertical spindle for smooth speed control
- Geared horizontal head for strong, reliable power transmission
- Swivelling vertical head for angled work
- Ram-mounted head with cross travel for added flexibility
- Powered knee elevation for effortless vertical positioning
- Generous worktable with longitudinal and cross travel



Model	T Mill X
Working Surface	1000 x 240mm
T-Slots (Qty/Width)	5/14mm
T-Slot Pitch (Centres)	31mm
X-Axis Travel (Manual)	580mm
X-Axis Travel (Automatic)	530mm
Y-Axis Travel (Manual)	220mm
Y-Axis Travel (Automatic)	N/A
Z-Axis Travel (Manual)	300mm
Z-Axis Travel (Automatic)	N/A
Load Capacity	100kg
Table Swivel Range	±45°
Spindle (Vertical)	
Spindle Taper	ISO40
Speed Control	2-step
Speed Range	100-600rpm/350-2000rpm
Spindle Centre to Column	250-650mm
Spindle Nose to Table	60-360mm
Quill Travel	120mm
Drawbar	M16
Head Swivel Range	±90°
Spindle (Horizontal)	
Spindle Taper	ISO40
Speed Control	9-step
Speed Range	25-1630rpm
Spindle Centre to Table	20-320mm
Drawbar	M16
Feed Rates	
Number of Feeds	Variable
X-Axis (Longitudinal)	Electric
Y-Axis (Cross)	N/A
Z-Axis (Vertical)	N/A
X-Axis Rapid Traverse	N/A
Y-Axis Rapid Traverse	N/A
Z-Axis Rapid Traverse	N/A
Motor/Type	
Vertical Spindle Motor/Geared	2.2kW (2.95hp)
Horizontal Spindle Motor/Belt	1.5kW (2.0hp)
Feed Motor X Axis/Electric	0.15kW (0.2hp)
Coolant Motor	0.04kW (0.05hp)
Weight and Dimensions	
Machine Dimensions	1340 x 1140 x 2245mm
Net Weight	850kg

Standard Accessories:

- Variable Speed by Inverter
- 3 Axis Digital Readout
- X Axis Power Feed
- LED Work Lamp
- Coolant System
- Table Guard
- Drawbar and Drawbar Wrench
- Chip Tray/Collector
- Manual Lubrication System
- Toolbox
- Operation Manual

Optional Accessories:

- R8, MT4, ISO30 Spindle Taper
- Y & Z Axis Power Feed
- Automatic Lubrication System
- Semi Universal Dividing Head
- Fully Universal Dividing Head
- Rotary Table
- Machine Vice
- Clamp Kit
- Drill Chuck
- ER Milling Collet Chuck Set
- Boring Head
- Reducing Sleeve Set
- Combination Shell End Mill Arbors
- Long Milling Arbors
- End Mill Set
- Angle Plate
- Tilting Angle Table

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.