

VERTICAL TURRET MILLING MACHINE CHESTER 5VSW SUPER

Features:

- X, Y Axis Precision Ballscrew
- Universal turret mill with vertical and horizontal spindle
- ISO40 vertical spindle with variable speed
- NT40 horizontal spindle with hardened gearbox
- Swivelling vertical head for compound-angle work
- Full 360-degree ram rotation with forward and backward travel
- Motorised knee elevating as standard
- Wide box guideways for heavy-duty rigidity
- One-shot centralised lubrication system

Model	5VSW SUPER
Working Surface	1500 x 305mm
T-Slots (Qty/Width)	3/16mm
T-Slot Pitch (Centres)	63mm
X-Axis Travel (Manual)	1000mm
X-Axis Travel (Automatic)	900mm
Y-Axis Travel (Manual)	420mm
Y-Axis Travel (Automatic)	400mm
Z-Axis Travel (Manual)	500mm
Z-Axis Travel (Automatic)	500mm
Load Capacity	400kg
Table Swivel Range	35° Left/Right
Spindle	
Spindle Taper	NT40
Speed Control	16-step
Speed Range	65-4500rpm (60-3600rpm optional)
Spindle Centre to Column	160-640mm
Spindle Nose to Table	30-490mm
Quill Travel	127mm
Drawbar	M16
Head Swivel Range	90° Left/Right
Spindle (Horizontal)	
Spindle Taper	ISO40
Speed Control	12-step
Speed Range	40-1280rpm
Spindle Centre to Table	135-355mm
Drawbar	M16
Feed Rates	
Number of Feeds	Variable
X-Axis (Longitudinal)	0-558mm/min
Y-Axis (Cross)	0-558mm/min
Z-Axis (Vertical)	345mm/min
Quill Feed	0.04/0.08/0.15mm/rev
X-Axis Rapid Traverse	1000mm/min
Y-Axis Rapid Traverse	1000mm/min
Z-Axis Rapid Traverse	345mm/min
Motor/Type	
Vertical Spindle Motor/Belt	3.75kW (5hp)
Horizontal Spindle Motor/Belt	3.75kW (5hp)
Feed Motor X Axis/Geared	0.18kW (0.24hp)
Feed Motor Y Axis/Geared	0.18kW (0.24hp)
Feed Motor Z Axis/AC	0.4kW (0.54hp)
Coolant Motor	0.09kW (0.12hp)
Weight and Dimensions	
Machine Dimensions	1790 x 2200 x 2485mm
Net Weight	1680kg



Standard Accessories:

- Variable Speed Spindle Head
- 3 Axis Digital Readout
- 3 Axis Power Feed
- LED Work Lamp
- Coolant System
- Spindle Guard
- Air Powered Drawbar
- Chip Tray/Collector with Heavy Duty Step on Tray
- Automatic Lubrication System
- Toolbox
- Operation Manual

Optional Accessories:

- Table Guard
- Semi Universal Dividing Head
- Fully Universal Dividing Head
- Rotary Table
- Slotting Head
- 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
- Right Angle Attachment

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