



CHESTER 5VSW CNC

Features:

- X, Y Axis Precision Ballscrew
- Heavy-duty CNC turret milling machine with Siemens industrial control
- Three-axis servo-driven table feeds with high-speed rapid traverse
- Generous worktable with longitudinal and cross travel
- ISO taper spindle driven by a powerful motor with wide speed range
- Swivelling milling head adjustable in both planes for angled machining
- Full 360-degree ram rotation around the turret for versatile head positioning
- One-shot centralised lubrication system for all guideways and feed screws



Model	5VSW CNC
Working Surface	1370 x 254mm
T-Slots (Qty/Width)	3/16mm
T-Slot Pitch (Centres)	63mm
X-Axis Travel (Manual)	820mm (auto)
X-Axis Travel (Automatic)	820mm (auto)
Y-Axis Travel (Manual)	400mm
Y-Axis Travel (Automatic)	400mm
Z-Axis Travel (Manual)	400mm
Z-Axis Travel (Automatic)	400mm
Load Capacity	280kg
Table Swivel Range	N/A
Spindle	
Spindle Taper	NT40
Speed Control	16-step
Speed Range	65-4500rpm (60-3600rpm optional)
Spindle Centre to Column	140-609mm
Spindle Nose to Table	0-400mm
Quill Travel	103mm
Drawbar	M16
Head Swivel Range	90° Left/Right
Feed Rates	
Number of Feeds	Variable
X-Axis (Longitudinal)	0-5000mm/min
Y-Axis (Cross)	0-5000mm/min
Z-Axis (Vertical)	345mm/min
Quill Feed	0-5.08mm/rev
X-Axis Rapid Traverse	5000mm/min
Y-Axis Rapid Traverse	5000mm/min
Z-Axis Rapid Traverse	345mm/min
Motor/Type	
Vertical Spindle Motor/Belt	3.75kW (5hp)
Feed Motor, X Axis/Servo	1.1kW (1.474hp)
Feed Motor, Y Axis/Servo	1.1kW (1.474hp)
Feed Motor, Z Axis/AC	1.1kW (1.474hp) (quill feed) / 0.4kW (0.54hp) (table elevating)
Coolant Motor	0.09kW (0.12hp)
Weight and Dimensions	
Machine Dimensions	1905 x 2200 x 2300mm
Net Weight	1600kg

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.