



CHESTER 5VSW SMART MILL

Features:

- X, Y Axis Precision Ballscrew
- Heavy-duty turret mill with servo table feeds and touchscreen control
- Built-in auto cycles for plane cutting, profiling, and drilling
- ISO40 variable speed spindle with wide adjustable range
- MPG electronic handwheels for precision positioning
- Swivelling head for compound-angle machining
- Full 360-degree ram rotation with forward and backward travel
- One-shot centralised lubrication system



Model	5VSW SMART MILL
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	127mm
Drawbar	M16
Head Swivel Range	90° Left/Right
Feed Rates	
Number of Feeds	Variable
X-Axis (Longitudinal)	0-1500mm/min
Y-Axis (Cross)	0-1500mm/min
Z-Axis (Vertical)	345mm/min
Quill Feed	0.04/0.08/0.15mm/rev
X-Axis Rapid Traverse	1500mm/min
Y-Axis Rapid Traverse	1500mm/min
Z-Axis Rapid Traverse	345mm/min
Motor/Type	
Vertical Spindle Motor/Belt	3.75kW (5hp)
Feed Motor, X Axis/Servo	0.85kW (1.14hp)
Feed Motor, Y Axis/Servo	0.85kW (1.14hp)
Feed Motor, Z Axis/AC	0.4kW (0.54hp)
Coolant Motor	0.09kW (0.12hp)
Weight and Dimensions	
Machine Dimensions	1905 x 2200 x 2300mm
Net Weight	1500kg

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.