

VERTICAL MILLING MACHINE WITH QUILL FEED CHESTER FORTIS 320 SERVO

Features:

- Robust vertical knee-type milling machine
- Swivelling vertical head for angled work
- Twelve-speed geared spindle
- Powered feeds on all three axes
- Servo-driven knee elevation
- Rapid traverse on X, Y and Z
- Forced main drive lubrication
- Built-in adjustable coolant system



Model	Fortis 320 Servo
Working Surface	1370 x 320mm
T-Slots (Qty/Width)	3/14mm
T-Slot Pitch (Centres)	80mm
X-Axis Travel (Manual)	1000mm
X-Axis Travel (Automatic)	1000mm
Y-Axis Travel (Manual)	380mm (360mm with DRO)
Y-Axis Travel (Automatic)	380mm (360mm with DRO)
Z-Axis Travel (Manual)	400mm
Z-Axis Travel (Automatic)	400mm
Load Capacity	250kg
Spindle	
Spindle Taper	7:24, ISO40
Speed Control	12-step
Speed Range	35-1500rpm
Spindle Centre to Column	285mm
Spindle Nose to Table	35-435mm
Quill Travel	70mm
Drawbar	M16
Head Swivel Range	±30°
Feed Rates	
Number of Feeds	8-step
X-Axis (Longitudinal)	30-830mm/min
Y-Axis (Cross)	30-830mm/min
Z-Axis (Vertical)	23-625mm/min
X-Axis Rapid Traverse	1335mm/min
Y-Axis Rapid Traverse	1335mm/min
Z-Axis Rapid Traverse	1000mm/min
Motor/Type	
Vertical Spindle Motor/Geared	3kW (4.0hp)
X, Y, Z Feed Motor/Servo	2.36kW (3.16hp)
Coolant Motor	0.09kW (0.12hp)
Weight and Dimensions	
Machine Dimensions	1820 x 1680 x 1810mm
Net Weight	1650kg

Standard Accessories:

- 3 Axis Digital Readout
- 3 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:

- Automatic Lubrication System
- 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

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