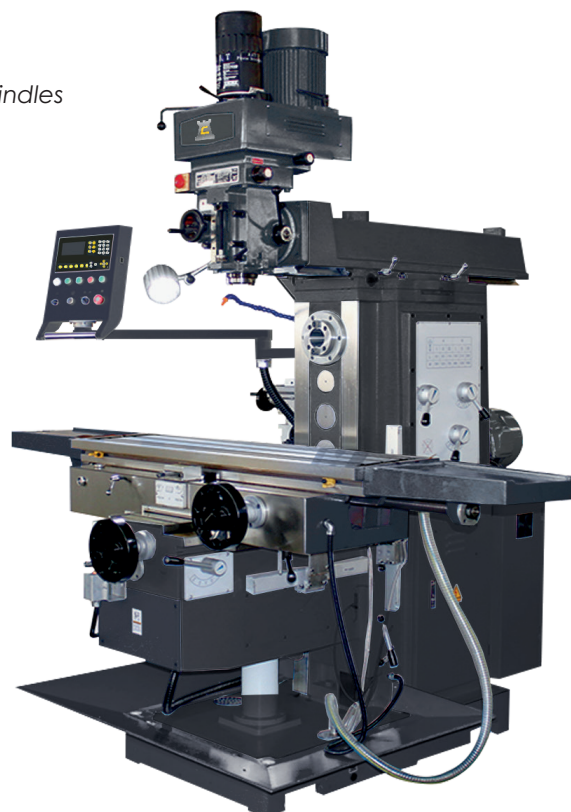




CHESTER 1636 SUPER SERVO

Features:

- Servo-driven ballscrew feed on all three axes
- Heavy-duty universal milling machine with vertical and horizontal spindles
- Swivelling vertical head with 90° left/right rotation
- Ram rotates 180° for extended reach
- Wide spindle speed range across twelve gear steps
- Three-point spindle support for added rigidity
- Generous worktable with three T-slots



Model	1636 Super Servo
Working Surface	1600 x 360mm
T-Slots (Qty/Width)	3/18mm
T-Slot Pitch (Centres)	80mm
X-Axis Travel (Manual)	1300mm
X-Axis Travel (Automatic)	1300mm
Y-Axis Travel (Manual)	320mm (300mm with DRO)
Y-Axis Travel (Automatic)	320mm (300mm with DRO)
Z-Axis Travel (Manual)	450mm
Z-Axis Travel (Automatic)	450mm
Load Capacity	350kg
Table Swivel Range	±45° (Optional)
Spindle (Vertical)	
Spindle Taper	7:24, ISO40
Speed Control	16-step
Speed Range	65-4660rpm
Spindle Centre to Column	190-740mm
Spindle Nose to Table	180-630mm
Quill Travel	127mm (5hp) / 140mm (7.5hp)
Drawbar	M16
Head Swivel Range	±180°
Spindle (Horizontal)	
Spindle Taper	7:24, ISO50
Speed Control	12-step
Speed Range	60-1800rpm
Spindle Centre to Table	0-450mm
Drawbar	M24
Feed Rates	
Number of Feeds	8-step
X-Axis (Longitudinal)	30-750mm/miin
Y-Axis (Cross)	20-500mm/min
Z-Axis (Vertical)	15-375mm/min
X-Axis Rapid Traverse	1200mm/min
Y-Axis Rapid Traverse	800mm/min
Z-Axis Rapid Traverse	600mm/min
Motor/Type	
Vertical Spindle Motor/Belt	3.7kW (5hp)
Horizontal Spindle Motor/Geared	5.5kW (7.4hp)
X, Y, Z Axis Feed Motor/Servo	2.36kW (3.16hp)
Coolant Motor	0.09kW (0.12hp)
Weight and Dimensions	
Machine Dimensions	2520 x 2100 x 2500mm
Net Weight	2850kg

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
- Manual Lubrication System
- Toolbox
- Operation Manual

Optional Accessories:

- Table Guard
- 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
- Right Angle Attachment

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