

HORIZONTAL MILLING MACHINE WITH VERTICAL MILLING HEAD CHESTER U360X SERVO



Features:

- Servo-driven ballscrew feed on all three axes
- With vertical milling head
- Horizontal knee-type design for versatile milling work
- Heavy cast iron construction for rigid cutting
- Wide-range geared spindle with multiple speeds
- AC servo motor feed on all three axes
- Rapid traverse on longitudinal, cross, and vertical axes
- Adjustable overarm ram with arbor support bracket
- Forced lubrication for main drivetrain
- Adjustable gibs on all guideway surfaces

Model	U360X Servo
Working Surface	1325 x 360mm
T-Slots (Qty/Width)	3/18mm
T-Slot Pitch (Centres)	80mm
X-Axis Travel (Manual)	1100mm
X-Axis Travel (Automatic)	1100mm
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	300kg
Table Swivel Range	±45°(Optional)
Spindle	
Spindle Taper	7:24, ISO50
Speed Control	12-step
Speed Range	60-1800rpm
Spindle Centre to Column	20-470mm
Drawbar	M24
Vertical Head	
Spindle Taper	ISO50
Speed Control	12-step
Speed Range	0-600rpm
Spindle Centre to Column	325mm
Spindle Nose to Table	50-350mm
Drawbar	M24
Head Swivel Range	±45°
Feed Rates	
Number of Feeds	8-step
X-Axis (Longitudinal)	30-750mm/min
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	
Spindle Motor/Geared	5.5kW (7.48hp)
X, Y, Z Feed Motor/Servo	2.36kW (3.16hp)
Coolant Motor	0.09kW (0.12hp)
Weight and Dimensions	
Machine Dimensions	2245 x 2100 x 1870mm
Net Weight	2500kg

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.