



CHESTER U360X SERVO - U320MX



Features:

- Servo-driven ballscrew feed on all three axes (U360X/U360LX)
- Compact horizontal knee-type milling machine (U320MX)
- With vertical milling head
- Horizontal knee-type design for versatile milling work (U360X/U360LX)
- Twelve spindle speeds for varied materials (U320MX)
- Heavy cast iron construction for rigid cutting
- Wide-range geared spindle with multiple speeds (U360X/U360LX)
- Servo motor feed on all three axes
- Rapid traverse on longitudinal, cross, and vertical axes (U360X/U360LX)
- Generous worktable with three T-slots (U320MX)
- Adjustable overarm ram with arbor support bracket (U360X/U360LX)
- Gear-driven head for stable cutting (U320MX)
- Forced lubrication for main drivetrain
- Adjustable gibs on all guideway surfaces

Model	U360X Servo	U360LX Servo	U320MX
Working Surface	1325 x 360mm	1600 x 360mm	1370 x 320mm
T-Slots (Qty/Width)	3/18mm	3/18mm	3/14mm
T-Slot Pitch (Centres)	80mm	80mm	80mm
X-Axis Travel (Manual)	1100mm	1300mm	1000mm
X-Axis Travel (Automatic)	1100mm	1300mm	1000mm
Y-Axis Travel (Manual)	320mm (300mm with DRO)	320mm (300mm with DRO)	380mm (360mm with DRO)
Y-Axis Travel (Automatic)	320mm (300mm with DRO)	320mm (300mm with DRO)	380mm (360mm with DRO)
Z-Axis Travel (Manual)	450mm	450mm	400mm
Z-Axis Travel (Automatic)	450mm	450mm	400mm
Load Capacity	300kg	350kg	250kg
Table Swivel Range	±45°(Optional)	±45°(Optional)	Optional ±45° Rotary Table
Spindle			
Spindle Taper	7:24, ISO50	7:24, ISO50	7:24, ISO40
Speed Control	12-step	12-step	12-step
Speed Range	60-1800rpm	60-1800rpm	35-1500rpm
Spindle Centre to Column	20-470mm	20-470mm	75-475mm
Drawbar	M24	M24	M16
Vertical Head			
Spindle Taper	ISO50	ISO50	ISO50
Speed Control	12-step	12-step	12-step
Speed Range	0-600rpm	0-600rpm	0-600rpm
Spindle Centre to Column	325mm	325mm	325mm
Spindle Nose to Table	50-350mm	50-350mm	50-350mm
Drawbar	M24	M24	M24
Head Swivel Range	±45°	±45°	±45°
Feed Rates			
Number of Feeds	8-step	8-step	8-step
X-Axis (Longitudinal)	30-750mm/min	30-750mm/min	30-830mm/min
Y-Axis (Cross)	20-500mm/min	20-500mm/min	30-830mm/min
Z-Axis (Vertical)	15-375mm/min	15-375mm/min	23-625mm/min
X-Axis Rapid Traverse	1200mm/min	1200mm/min	1335mm/min
Y-Axis Rapid Traverse	800mm/min	800mm/min	1335mm/min
Z-Axis Rapid Traverse	600mm/min	600mm/min	1000mm/min
Motor/Type			
Spindle Motor/Geared	5.5kW (7.48hp)	5.5kW (7.48hp)	3kW (4.0hp)
X, Y, Z Axis Feed Motor/Servo	2.36kW (3.16hp)	2.36kW (3.16hp)	2.36kW (3.16hp)
Coolant Motor	0.09kW (0.12hp)	0.09kW (0.12hp)	0.06kW (0.08hp)
Weight and Dimensions			
Machine Dimensions	2245 x 2100 x 1870mm	2520 x 2100 x 1870mm	1820 x 1680 x 1730mm
Net Weight	2500kg	2550kg	1700kg

Standard Accessories:

- 3 Axis Digital Readout
- 3 Axis Power Feed
- Vertical Milling Head
- 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.