Powerful Universal Swivel Head Milling Machine with Servo Motor Drive and Versatile in Both Vertical and Horizontal Machining Operations



This kind of MM-MT210S is rigid Universal Swivel-head Milling Machine with Vertical Milling Head and Horizontal Milling Spindle, with moveable arm, featuring Advanced Servo-Motor drive for feed and rapid feed in all the three-axes. Such powerful heavy-duty universal milling machine features a moveable arm and high versatility due to horizontal and vertical milling performance which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification.

Main Feature :

Facts that Impress in terms of Quality, Performance and Price

- Versatile applications with Vertical Milling Head and Horizontal Milling Spindle
- Servo-motor Drive for feeds and rapid feed in x-, y- and z-axis comes standard
- Table Size 1370 X 320 mm
- High versatility due to both Vertical and Horizontal spindle
- Extremely rigid machine bed made of high-strength HT-200 cast-iron with heavy ribbing
- Large rectangular guide-ways ensure precision and quiet operation within permissible high loads
- Precision-ground guide-ways with hardened surfaces for long-term accuracy and wear-resistance
- The milling table features a large setup area
- Quiet, precision-made headstock gears with hardened and ground gears
- Universal cutter head swivels on 2 levels - quick change-over from horizontal to vertical machining
- Powerful servo-motor for infinite variation of feeds in all 3 axes
- Minimum downtime due to rapid positioning of work table and rapid feeds in all axes
- Control panel swivels for comfortable operation
- Coolant system and chip tray are included
- Rugged machine construction
- Smooth action due to polished gearwheels running in an oil sump
- Generously dimensioned hand-wheels with scales
- Table feed in X-axis, Y-axis and Z-axis automatic
- Milling head with two-axes of rotation, thus pivots and rotates to any spatial angle
- Hardened and polished guide-ways guarantee top accuracy
- Finely graduated feeds in all axis driven by advanced Servo-Motor
- Complete with rapid feed in X-axis, Y-axis and Z-axis to reduce downtime
- Both Vertical Milling and Horizontal Milling performance
- Machine body in heavy cast iron construction for vibration-free working
- Working Table can Tilt-able 45 degree is optional special spare part
- 3-axis Digital Position Indicator is optional special spare part
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	Universal Swivel Head Milling Machine with Servo Motor
Product Item :	MM-MT 210S
Table Size :	1370 X 320 mm
Max. Load Capacity of Table :	350 KGS
T-slot Size :	3 Pieces X 14 mm (width) X 80 mm (distance)
Distance Spindle to Table (Vertical) :	260— 660 mm
Distance Spindle to Table (Horizontal) :	75 — 475 mm
Distance Spindle to Column :	305 — 805 mm
Work Table Tilt-able :	-45 degree to +45 degree (optional)
Horizontal Spindle	
Spindle Taper (Horizontal) :	ISO 40 (DIN2080)
Spindle Speed (Horizontal) :	35 — 1500 RPM (12 steps)
Max. Travel of Arm :	400 mm
Vertical Milling Head	
Spindle Taper (Vertical) :	ISO 40 (DIN2080)
Spindle Speed (Vertical) :	45 — 1660 RPM (11 steps)
Milling Head Swivel Range :	± 360 degree
Travels	
Max. Travel Longitudinal (X):	1000 mm
Max. Travel Cross (Y) :	380 mm
Max. Travel Vertical (Z) :	400 mm
Feed Speed Longitudinal :	30 — 830 mm/min
Feed Speed Cross :	30 — 830 mm/min
Feed Speed Vertical :	23 — 625 mm/min
Rapid Feed X-axis :	1335 mm / min
Rapid Feed Y-axis :	1335 mm / min
Rapid Feed Z-axis :	1000 mm / min
Drive Capacity	
Main Motor (Horizontal) :	3000 W
Main Motor (Vertical) :	3000 W
Motor Rating X-axis Feed :	10 Nm (Servo Motor)
Motor Rating Y-axis Feed :	10 Nm (Servo Motor)
Motor Rating Z-axis Feed :	10 Nm (Servo Motor)
Coolant Pump Motor :	90 W
Gross Weight :	2185 KGS
Packing Size :	2000 X 1980 X 2200 mm
Standard Accessory :	Servo Motor, Milling Arbor, Coolant System, Machine Light, Central Lubrication, Drawbar M16, Tools and Toolbox