

**Powerful Multi-functional Universal Turret Milling Machine with Servo Motor Drive, Versatile Capacity for Vertical and Horizontal Machining**



This kind of MM-VHF360S is the solidly constructed universal Turret Milling Machine featuring moveable arm, big clamping area, Vertical and Horizontal machining capacity which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification. The big dimensioned guiding in all axis guarantees absolute precision and stability. Especial feature of this turret milling machine is the rapid feed and table feed driven by Servo Motor.

## **Main Feature :**

### **Convincing Arguments : Quality, Efficiency and Price**

- Large cross table at 1600 X 360 mm with T-slots treated surface
- Servo Motor Drive in complete three axes
- Versatile for Horizontal and Vertical Multi-functional Milling Capacity
- Hardened and polished guide-ways guarantee top accuracy
- Complete with rapid feed in X-axis , Y-axis and Z-axis to reduce downtime
- User-friendly arranged switches on swiveling control panel
- High versatility due to horizontal spindle
- Finely graduated feeds in all three axes driven by Servo Motor
- Machine body in heavy construction for vibration-free working
- Optimal adjustments spindle speed and feed allow economic machining various materials
- Heavy, solid design using premium cast meehanite
- Solid cross table, generously dimensioned with precision surface finish
- High versatility due to horizontal spindle and vertical spindle
- Right-hand / Left-hand rotation for thread tapping
- Wide range of applications in general machine engineering and manufacturing
- Rapid Feeds in all three axes guarantee quick adjustment
- Milling head swivel 45 degree from left to right direction
- Automatic table feed in all three axis (X/Y/Z-axis) comes standard
- Ergonomically mounted switches on swiveling control panel
- Machine body in heavy cast iron construction for vibration-free working
- Working Table can Tilt-able 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 :	High Precision Turret Milling Machine with Servo Motor
Product Item :	MM-VHF360S
Table Size :	1600 X 360 mm
Max. Load Capacity of Table :	350 KGS
T-slot Size :	3 Pieces X 18 mm (Width) X 80 mm (Spacing)
<b>Horizontal Spindle</b>	
Spindle Taper (Horizontal) :	ISO 50
Spindle Speed (Horizontal) :	60 — 1800 RPM (12 steps)
Max. Travel of RAM:	550 mm
<b>Vertical Milling Head</b>	
Spindle Taper (Vertical) :	ISO 40
Spindle Speed (Vertical) :	65 — 4660 RPM (16 steps)
Spindle Sleeve Stroke :	127 mm
Milling Head Swivel Range :	-90 degree to +90 degree
Distance from Vertical Spindle to Table :	200 — 650 mm
Distance from Horizontal Spindle to Table :	20 — 470 mm
Distance from Horizontal Spindle to Arm :	245 mm
<b>Travels</b>	
Max. Travel Longitudinal (X):	1300 mm
Max. Travel Cross (Y) :	320 mm
Max. Travel Vertical (Z) :	450 mm
Feed Speed Longitudinal (X) :	30 — 750 mm/min (8 steps)
Feed Speed Cross (Y) :	20 — 500 mm/min (8 steps)
Feed Speed Vertical (Z):	15 — 375 mm/min (8 steps)
Rapid Feed X-axis / Y-axis / Z-axis :	1200 / 800 / 600 mm /min
<b>Drive Capacity</b>	
Motor Rating Horizontal Spindle :	5500 W
Motor Rating Vertical Spindle :	3700 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 :	90W
Gross Weight :	2980 KGS
Packing Size :	2650 X 2150 X 2250 mm
Standard Accessory :	Milling Chuck, Chip Tray, Coolant System, Machine Light, Tools and Toolbox

