Heavy Duty Universal Tool Milling Machine with Advanced Servo Motor Drive and Preloaded Ball Screws on all Axes Ideal for Training and Manufacturing Departments



This kind of MM-FPK 6.3 is Versatile Tool-milling Machine featuring powerful Servo Motor drive and Preloaded Ball Screws in all three axes. Such high precision universal tool milling machine has vertical and horizontal milling Capacity, which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification. This high accuracy universal tool milling machine is perfect for the construction of tools and molds in repair shops as well as training and manufacturing departments.

Main Feature :

Convincing Arguments : Quality, Efficiency and Price

- Solid Working Table 850 X 450 mm with Maximum Loading Capacity 300 KGS
- Compact design with large work table and large travels for versatile use
- Automatic feed on all axes, infinitely variable and with fast rapid feed
- Vertical and horizontal milling spindle
- Infinitely variable main spindle drive with counter gear offers wide speed range with high torque
- Gear wheels saturated in oil ensure smooth operation
- Machine column made of premium cast-iron, ensures dynamic rigidity and constant precision
- High Precision preloaded ball screws on all axes
- Ergonomically arranged controls and a swiveling control panel for maximum operator comfort
- Electronic hand-wheels for manual travel in all axis
- Stepless feed settings and rapid feed in all axes, driven by advanced servo motors
- Rigid outer arbors for horizontal milling
- Variable speed adjustment via frequency inverter with optimal torque and constant speed
- The vertical cutter head swivels and the quill can be moved manually
- Ball screws in all three-axis minimize play
- Optimal adjustments of spindle speed and feed for economic machining of various materials
- Swiveling mill head for horizontal milling
- Machine body in heavy construction for vibration-free run
- Extensive accessory package included
- Central lubrication system
- 3-axis Digital Position Indicator is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)



Technical Data :

Product Name :	Heavy Duty Universal Tool Milling Machine with Servo-Motor
Product Item :	MM-FPK 6.3
Working Area	
Table Size :	850 X 450 mm
Table Load Capacity :	300 KGS
T-slot Size :	7 piece X 14 mm X 63 mm
Vertical Table :	1190 X 250 mm
T-slot Size (Vertical Table) :	3 piece X 14 mm X 63 mm
Travels	
Travel Longitudinal (X-axis) :	600 mm
Travel Cross (Y-axis) :	450 mm
Travel Vertical (Z-axis) :	450 mm
Vertical Milling Head	
Spindle Taper (Vertical) :	ISO 40
Spindle Speed (Vertical) :	40 — 2000 RPM
Vertical Head Adjustment Range :	-90 to +90 degree
Travel Pinole :	100 mm
Spindle Center — Column (min) :	165 mm
Spindle Center — Column (max) :	620 mm
Horizontal Milling Head	
Spindle Taper (Horizontal) :	ISO 40
Spindle Speed (Horizontal) :	40 — 2000 RPM
Feed	
Feed Speed (X/Y/Z-axis) :	10 — 1000 mm/min
Rapid Feed (X/Y/Z-axis) :	1200 mm/min
Feeding Motor (X/Y/Z-axis) :	10 /10 /15 Nm (Servo Motor)
Drive Capacity	
Main Motor :	5500 W
Coolant Pump :	90 W
Gross Weight :	1850 KGS
Packing Size :	1800 X 1860 X 2150 mm
Standard Accessory :	Central Lubrication System, Coolant System, Work Lamp, Horizontal Milling Arbor, Chip Tray, Reducing Sleeves, Counterholder for Horizontal Milling, Collet chuck with Collets, Tools and Toolbox