High Precision Small CNC Milling Machine For Training, Model Construction and Small Batch Productions



This kind of MM-F50 is the high precision CNC Milling Machine with SIEMENS Control System which is been made in ISO9001 factory with CE Safety Certification. It is ideal for the education training use, prototype engineering or small batch productions.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- High Precision CNC Mill Machine for Education, Prototyping and Small Batch Production
- SIEMENS 808D Advanced CNC Control System
- Advanced Servo-Motor for all Three Axis (X-axis, Y-axis, Z-axis)
- Preloaded Ball Screws on all Three Axis (X-axis, Y-axis, Z-axis)
- Box Guide-way for all Three Axis (X-axis, Y-axis, Z-axis)
- Maximum spindle speed up to 5000 RPM
- Rigid cast-iron frame with wide dovetail guides
- Powerful 1000W brushless main motor for high torque
- Machine with Cast Stand Design for Good Stiffness Values
- High Productivity and High Reliability
- Manual Central Lubrication
- Ultra High Precision Main Spindle
- Machine Lamp in Work Space
- Solid Precision Milling Table, Generously dimensioned with Precision Surface Finish
- Coolant System is optional
- Portable Electrical Hand-wheel is optional
- Linear Guide-way for three axis is optional
- Connecting voltage is Three Phase 400V
- Certificate of Original (CO, FORM A, FORM E, FORM F)



Technical Data :

Product Name :	High Precision CNC Milling Machine
Product Item :	MM-F50
Control System :	SIEMENS 808D Advanced
Guide-way Type :	Box Type Guide-way
Machine Data	
Max. Drilling Capacity :	Ø 25 mm
Max. End Milling Capacity :	Ø 25 mm
Max. Face Milling Capacity :	Ø 80 mm
Table Size :	550 X 160 mm
Table Load Capacity :	30 KGS
Spindle Taper :	MT3 (BT30 and R8 is optional)
Spindle Speed :	100—5000 RPM
T-slots (number / width / distance) :	3 piece X 12 mm X 43 mm
Spindle nose-to-table surface distance :	80—350 mm
Spindle axis to column surface distance :	200 mm
Travels	
Travel X-axis :	280 mm
Travel Y-axis :	120 mm
Travel Z-axis :	270 mm
Feed	
Rapid Feed X / Y / Z-axis :	2000 / 2000 / 2000 mm /min
Cutting Feed X / Y / Z-axis :	500 mm / min
Feed Motor of X -axis :	400W (Servo Motor)
Feed Motor of Y -axis :	400W (Servo Motor)
Feed Motor of Z-axis :	750W (Servo Motor)
Precision	
Positioning Accuracies :	± 0.015 mm
Repeat Positioning Accuracies :	± 0.010 mm
Drive Capacity	
Main Motor :	1000W (Brushless Motor)
Connecting Voltage :	Three Phase 400V
Gross Weight :	580 KGS
Packing Size :	1450 X 1100 X 2440 mm
Standard Accessory :	SIEMENS 808D Advanced Control System, Servo Motor for all Three Axis (X/Y/Z-axis), Ball Screws for all Three Axis (X/Y/Z-axis), Machine Lamp, Full Protection, Tools and Toolbox