Solid Design, Compact CNC Vertical Machining Center For Small Batch Productions



This kind of MM-F80 PRO is the high precision CNC Milling Vertical Machining Center with Linear Guide-ways and SIEMENS CNC Control System which is been made in ISO9001 factory with CE Safety Certification.

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Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Rigid Construction For Efficient and Reliability Machining
- High Precision Linear Guide-ways for 3-Axis (X/Y/Z-axis)
- Powerful SERVO-Drives Ensure High Feed Dynamics in all 3-axes (X/Y/Z-axis)
- Maximum Spindle Speed up to 8000 RPM
- Solid Precision Milling Table, Generously dimensioned with Precision Surface Finish
- Machine enclosure with sliding door for easy access
- Stable cast frame in rigid bed construction for smooth running and best milling performance
- Carousel Type Automatic Tool Changer with 12-stations
- Machine Lamp in the Work Space
- Automatic Central Lubrication and Powerful Coolant System
- Portable Electronic Hand-wheel
- Machine with Cast Stand Design for Good Stiffness Values
- CE Electrics ensures more Safe
- The 4th-Axis Rotary Table is optional
- FANUC and SIEMENS 828D CNC Control System is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Automatic Tool Changer has 12-station



Technical Data :

Product Name :	High Precision CNC Vertical Machining Center
Product Item :	MM-F80 PRO
Guide-way Type :	Linear Guide-ways for Three Axis (X/Y/Z-axis)
Control System :	Siemens 808D Advanced CNC Control System
Machine Data	
Table Dimensions :	800 X 260 mm
Table Load Capacity :	200 KGS
Spindle Taper :	BT40
Spindle Speed :	8000 RPM
T-slots (number / width / distance) :	3 piece X 14 mm X 80 mm
Spindle nose-to-Table surface distance :	90 — 520 mm
Spindle axis to Column surface distance :	360 mm
Travels	
Max Travel (X / Y / Z-axis) :	450 / 320 / 420 mm
Motor Torque (X / Y / Z-axis) :	6 Nm / 6 Nm / 7 Nm
Feed	
Rapid Feed (X / Y / Z-axis) :	15000 / 15000 / 15000 mm /min
Cutting Feed (X / Y / Z-axis) :	1 — 6000 mm / min
Precision	
Positioning Accuracies :	± 0.008 mm
Repeat Positioning Accuracies :	± 0.006 mm
Tool Changer	
Tool Magazine Type :	Umbrella Type
Number of Tool Stations :	12 tools
Max. Tool Weight :	8 KGS
Max. Tool Diameter :	Ø 130 mm
Max. Tool Length :	300 mm
Tool Change Time :	12 seconds
Drive Capacity	
Connect Voltage :	Three Phase 400V voltage
Main Motor :	3700W
Gross Weight :	2680 KGS
Packing Size :	2280 X 1980 X 2200 mm
Standard Accessory :	Siemens CNC Control System, Full Protection, Tool Magazine, Lubrication System, Coolant system, Working Lamp, Alarm Light, Tools and Toolbox