High Precision CNC Horizontal Machining Center with Optional Single or Double Positions which Ideal for Small Batch and Mass Productions



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This kind of MM-HMC500 is high precision CNC Horizontal Machining Center with Linear Guide-ways, FANUC or SIEMENS CNC Control System and Optional Single or Double Positions, which is been made in ISO9001 factory with CE Safety Certification.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- Rigid Large Working Table 500 X 500 mm
- Maximum Load Capacity on Table 500 KGS
- FANUC or SIEMENS CNC Control System for multi-function and user-friendly
- Higher Productivity with Single or Double Positions of Work-table is Optional
- Precision Linear Guide-ways for enhance Rigidity and Durability
- High Precision Germany Original FAG Bearings Ensures Longer Service Life
- High Duty Version
- Rigid Construction for Efficient and Reliability Machining
- Integrated Machine Lamp in Work Space
- Automatic Chip Conveyor ensures efficient chip discharge
- EMC Electromagnetic Compatibility and Safety
- Fast rapid motion speed of 32 m / min
- Portable Electronic Hand-wheel
- Automatic Tool Changer with 40 tools is Optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	High Precision CNC Horizontal Machining Center
Product Item :	MM-HMC 500
Control System :	FANUC or SIEMENS CNC Control System
Work-table Quantity :	1 Pallet (optional is 2 pallet)
Machine Data	
Table Size :	500 X 500 mm
Maximum Load On Table :	500 KGS
Table Indexing Angle :	1 °X 360 °
Spindle Taper :	BT 50
Spindle Speed :	3500 RPM
Spindle Torque :	235 N.m
T-slots (number /width /distance) :	5 piece X 14 mm X 100 mm
Distance from Spindle Axis to Table Surface :	85 — 735 mm
Distance from Spindle Nose to Table Center :	150 — 950 mm
Travels	
Travel X -axis :	800 mm
Travel Y -axis :	650 mm
Travel Z-axis :	800 mm
Feed	
Rapid Feed (X / Y / Z-axis) :	32 / 32 / 32 m /min
Cutting Feed :	1—12000 mm / min
Precision	
Positioning Accuracies :	± 0.015 mm
Repeat Positioning Accuracies :	± 0.005 mm
Tool Changer	
Tool Magazine Capacity :	24 tools
Tool Magazine Type :	Arm Type
Max. Tool Weight (per piece) :	15 KGS
Max. Tool Dimensions :	Ø 110 X 400 mm / Ø 220 X 400 mm
Drive Capacity	
Main Motor :	15 / 18.5 KW
Gross Weight :	10180 KGS
Packing Size :	5280 X 3980 X 2980 mm
Standard Accessory :	FANUC Oi MF CNC Control System, Linear Guide-ways, Tool Magazine, Chip Conveyor, Working Lamp, Lubrication system, Alarm Light, Tools and Toolbox