Compact Design CNC Vertical Machining Center with Box Guide Way

For Batch Production
This kind of MM-XH7125 is the high precision CNC Milling Vertical Machining Center with Box Guideway and SIEMENS Control System which is been made in ISO9001 factory with CE Safety Certification. It is ideal for high-performance complete machining.

Main Feature :

Convincing Arguments: Quality, Efficiency and Price

- High Precision Box Guideway for all three-axis
- Machine with Cast Stand Design for Good Stiffness Values
- High Productivity
- High Reliability
- High Precision Main Spindle up to 6000 RPM
- Integrated Machine Lamp in Work Space
- Portable Electrical Hand-wheel
- Powerful Coolant System
- Three Axis Plastic coated surface hardened rail
- Solid Precision Milling Table, Generously dimensioned with precision surface finish
- Lubrication System
- Carousel tool changer with 10 tools slots
- RS232 Connection Communication Interface
- SIEMENS 828D CNC Control System is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)
## Technical Data :

<table>
<thead>
<tr>
<th>Product Name</th>
<th>High Precision CNC Vertical Machining Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Item</td>
<td>MM-XH7125</td>
</tr>
<tr>
<td>Control System</td>
<td>SIEMENS 808D CNC Control System</td>
</tr>
<tr>
<td>Guide-way Type</td>
<td>Box Type Guide for Three Axis (X/Y/Z-axis)</td>
</tr>
</tbody>
</table>

### Machine Data

- **Table Dimensions**: 600 X 250 mm
- **Table Load Capacity**: 150 KGS
- **Spindle Taper**: BT 30
- **Spindle Speed**: 40—6000 RPM
- **T-slots (number / width / distance)**: 3 piece X 14 mm X 75 mm
- **Spindle nose-to-table surface distance**: 60—460 mm
- **Spindle axis to column surface distance**: 325 mm

### Travels
- **Travel X / Y / Z-axis**: 400 / 250 / 400 mm

### Feed
- **Rapid Feed X / Y / Z-axis**: 8000 / 8000 / 6000 mm / min
- **Cutting Feed X / Y / Z-axis**: 2.5—3000 mm / min
- **Feed Motor X / Y / Z-axis**: 7000 NM

### Precision
- **Positioning Accuracies**: ± 0.015 mm
- **Repeat Positioning Accuracies**: ± 0.075 mm

### Tool Changer
- **Tool Magazine Type**: Carousel Type
- **Number of Tools**: 10 tools
- **Max. Tool Weight**: 5 KGS
- **Max. Tool Diameter**: Ø 92 mm
- **Max. Tool Length**: 150 mm
- **Tool Change Time**: 1.2—2 seconds

### Drive Capacity
- **Main Motor**: 3700W (AC Servo )
- **Compressed Air**: 0.5 MPA
- **Gross Weight**: 1760 KGS
- **Packing Size**: 1850 X 1650 X 2050 mm

### Standard Accessory
- SIEMENS 808D CNC Control System, Box Guide for Three Axis, Lubrication system, 10-station tool magazine, Electric Hand-wheel, Coolant system, Full protection, Tools and Toolbox