

## Vmc1160 Vertical CNC Milling Machine High Precision 3 4 5 Axis 8000 10000 12000rpm

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Certification: ISO, CE
- Model Number: vmc1160
- Minimum Order Quantity: 1
- Price: 25000usd-42000usd
- Packaging Details: PLYWOOD BOX
- Delivery Time: 30 days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets per month



### Product Specification

- Condition: New
- Machine Color: As Your Requirement
- Power Requirement: 380V, 3-phase
- Machinery Test Report: Provided
- Port: Qingdao, Ningbo Or Shanghai Port
- X/Y/Z-Axis Travel(mm): 1100mm\*600mm\*600mm
- Spindle Taper: BT40/BT50
- Spindle Motor Power: 11/15(Kw)
- Positional Accuracy:  $\pm 0.005$  Mm
- Repeat Positional Accuracy:  $\pm 0.003$ mm
- Worktable Size: 1200\*600mm
- Highlight: 5 Axis Vertical CNC Milling Machine, 4 Axis Vertical CNC Milling Machine, Vmc1160 CNC Milling Machine



### More Images



## Product Description

Vmc1160 Vertical CNC Milling Machine High Precision 3 4 5 Axis 8000 10000 12000rpm

### Product Description:

VMC1160 is a vertical CNC milling machine with a high-rigidity structural design, suitable for precision machining of medium and large parts. The "1160" in its name usually refers to the table size (such as 1200×600mm) or the travel range. It is a general-purpose CNC machine tool and is widely used in molds, aerospace, automotive parts and other fields.

Item	VMC1160
Size of worktable(length×width)mm	1200×600
T slot (mm)	5-18×120
Max loading weight on worktable(KG)	1000
X-Axis travel(mm)	1100
Y-Axis travel(mm)	600
Z-Axis travel(mm)	600
Distance between spindle nose and table(mm)	130-780
Distance between spindle center and column (mm)	650
Spindle taper	BT40
Max. spindle speed( rpm)	8000/10000/12000
Spindle motor power(Kw)	11/15
Rapid feeding speed: X,Y,Z axis (m/min)	24/24/24 liner guideway
Fast cutting speed (m /min)	10
Positional accuracy (mm)	±0.005
Repeat positional accuracy (mm)	±0.003
Auto Tool changer type	24 arm type auto tool changer
Max. tool length (mm)	300
Max. Tool diameter	Φ80(adjacent tool)/φ150(not adjacent tool)
Max.tool weight(KG)	8
Tool changing time(tool-to-tool)sec	2.5
Air pressure(Mpa)	0.6
Machine weight(KG)	7200
Overall size(mm)	3340*2800*2700
Voltage	380v 3 phase







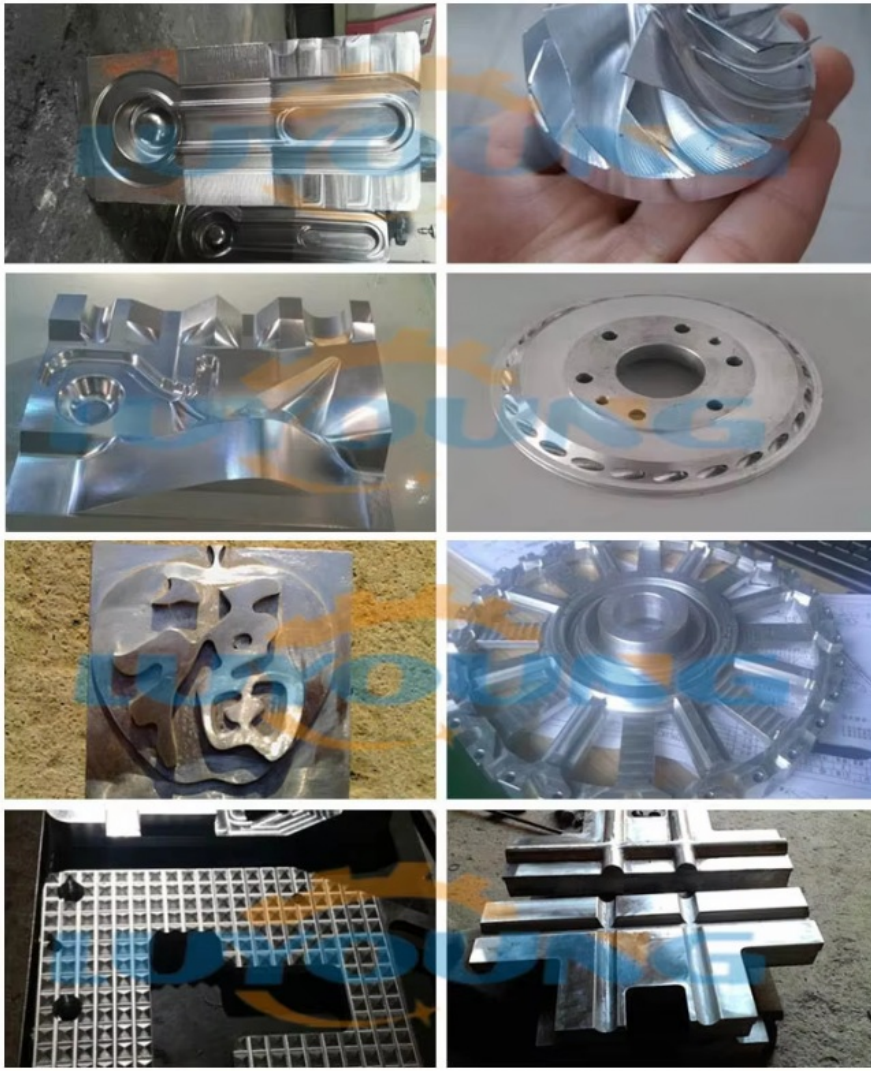


**Applications:**

Mold manufacturing: complex cavity and curved surface processing (such as injection molds and die-casting molds).

Aerospace: efficient milling of titanium alloy frames and engine parts.

Mass production: with the help of fixtures, the processing of box and plate parts can be completed quickly.



#### Product feature:

##### Factory price fanuc control vertical cnc milling machine vmc1160 cnc milling machine 5 axis

Casting: HT300 resin sand wear-resistant castings have high density and good wear resistance! The saddle adopts a double-layer casting structure, and the large A-shaped column structure shows high rigidity cutting ability.

**Spindle:** Standard is high speed BT40-150 belt driven Taiwan spindle---8000RPM; Optional is 10000/12000/15000 rpm .simple and compact structure, high efficiency, low noise, low vibration , high precision,and good surface finishing.

**Screw:**Standard is hardened guide way,optional is Taiwan Hiwin linear guide way.The guide screw adopts the imported JIS-C3 grinding grade pre-stretched nut screw to eliminate the backlash, after heat treatment, it has good rigidity, wear resistance, and guarantees the high precision of the operation.

**Auto tool changer:**

Taiwan hat type (16 knives) tool magazine.  
Advantages: low wear, long life, easy adjustment,  
and low failure rate. Optional configuration is Taiwan  
20/24 disc type Auto tool changer.

**Controller system**

Controller system: there is GSK  
/KND/SIEMENS/SYNTEC/FANUC controller system  
could to be choosed

**Mechanical structure**

**Travel range:** X/Y/Z axis travel may reach 1100/600/600mm (refer to manufacturer data for details), supporting large-size workpiece processing.

**Spindle system:** Standard BT40 or BT50 spindle, speed range 8000-12000rpm (optional high-speed spindle), large torque, suitable for cutting steel, aluminum, composite materials, etc.

**Rigid design:** integral cast iron bed + linear guide/roller guide to ensure high stability and vibration resistance.

**Support and Services:**

Our CNC Milling Machine product is supported by our team of experienced technical support engineers who are available to assist with any questions or issues related to the product. We offer a range of services to ensure that our customers get the most out of their CNC Milling Machine, including:

Installation and setup assistance

Training and education on the product

Diagnostic and troubleshooting services

Repair and maintenance services

Upgrades and enhancements to the product

Our technical support team is available via phone, email, or online chat. We also offer on-site support services for customers who require assistance with their CNC Milling Machine in their own facilities. Whatever your needs may be, our team is dedicated to providing comprehensive and effective support to ensure that your CNC Milling Machine operates at peak performance.

**Packing and Shipping:**

Product Packaging:

The CNC milling machine will be securely packaged in a wooden crate to prevent any damage during shipping.

All necessary accessories and tools will be included in the package.

Clear instructions for assembly and operation will also be provided.

1.Port: Qingdao port or Shanghai port

2.Payment method: T/T, L/C, D/P, D/D etc.

3.Payment: 30% T/T as deposit, 70% balance shall be paid before shipment.

4.Delivery time: 30 days after receive the 30%T/T deposit.

5.Non-fumigation packaging, we use seaworthy plywood.

6. Steel base plate, it is stronger 3-5 times than normal plywood base plate.

7.Water-proof and damp proof, water resistant film wrapped all the machine.



#### Services:



Quality Assurance



OEM & ODM



Technical Supporting



Overseas After-sales Service



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