

High Speed 3/4/5 Axis Vmc1160 Metal Cnc Milling Machining Center

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: Lu Young
- Certification: CE,ISO
- Model Number: vmc1160
- Minimum Order Quantity: 1set
- Price: \$25000-\$35000
- Packaging Details: plywood box
- Delivery Time: 30 days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets per month

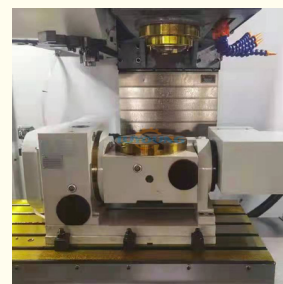
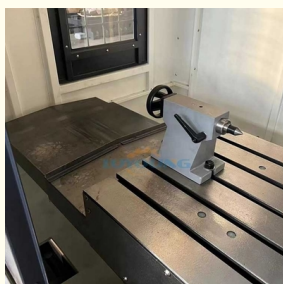


Product Specification

- Worktable Size: 1200*600
- 3 Axis Travel: 1100*600*600
- Spindle Taper: BT40
- Spindle Speed: 8000/10000/12000rpm
- Spindle Motor: 11/15kw
- Rapid Feeding Speed: 24 Liner Guide Way
- Position Accuracy: $\pm 0.005\text{mm}$
- Repeat Positional Accuracy: ± 0.003
- ATC: 24 Arm Type ATC
- Max Loading: 1000kg
- Highlight: Metal Cnc Milling Machining Center,
High Speed Cnc Milling Machining Center,
5 Axis Cnc Milling Machining Center



More Images



Product Description

China factory price 3/4/5 axis cnc vertical machine center vmc1160 cnc milling machining center

China factory price 3/4/5 axis cnc vertical machine center vmc1160 cnc milling machining center is composed of mechanical equipment and numerical control system. Is an automated machine that is suitable for efficient machining of complex parts. CNC machining center is the world's highest yield, the most widely used one of the CNC machine tools. Its comprehensive processing capacity is strong, the workpiece can be completed after a single processing content, processing accuracy is higher, the middle of the difficulty of the bulk of the workpiece, the efficiency of ordinary equipment is 5 to 10 times, in particular, it can be completed Many ordinary equipment can not be completed processing, the shape of the more complex, high precision single-piece processing or small and medium-sized multi-species production is more applicable.

Specification of China factory price 3/4/5 axis cnc vertical machine center vmc1160 cnc milling machining center :

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

Product Feature:

China factory price 3/4/5 axis cnc vertical machine center vmc1160 cnc milling machining center



TAIWAN SPINDLE



TAIWAN HIWIN LINAER
GUIDEWAY & BALL SCREW



CNC CONTROLLER



TAIWAN ATC



AUTOMATIC LUBRICATION
SYSTEM



SCHNEIDER BRAND
ELECTRICAL PARTS

1.**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.

2.**Spindle**: Standard is high speed BT40 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.

3.**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.

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

5.**Auto tool change**: install Taiwan brand OKDAD24 arm type Auto tool changer .

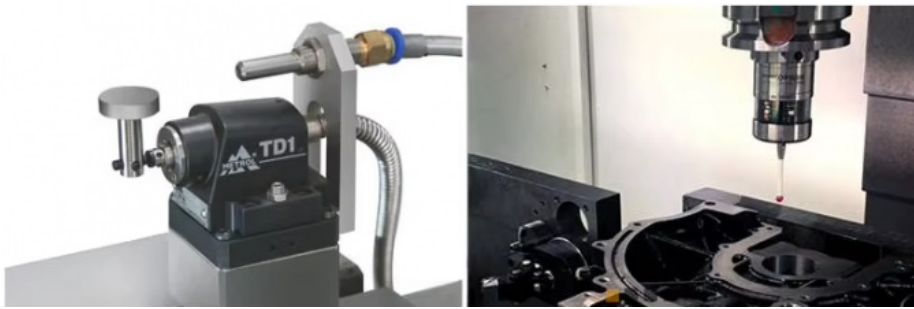
Optional configuration:

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4th and 5th axis :

4th and 5th axis can be choosed as opintionalHorizontal & vertical cnc rotary table can be choose as optional. Especially for special jobs.High precision, improve processing efficiency, and shorten the processing flow.



PROBE MEASURING

METROL , RENISHAW or PIONEER brand workpiece measuring system and tool measuring system are optional configurations.



Chip conveyor outside machine

The machine tool chip conveyor is mainly used to collect various metal and non-metal scraps produced by the machine and transfer the scraps to the collection vehicle. It can be used in conjunction with the filter water tank to recycle various coolants.

Application:



The machining center is suitable for parts that are complex, have many processes and require high precision. They require multiple types of ordinary machine tools, numerous tools and tooling, and multiple clamping and adjustments to complete the processing. Its main processing objects include the following four categories. (1) Box parts Box parts generally refer to parts with multiple hole systems, a cavity inside, and a certain proportion in the length, width, and height directions. Such parts are widely used in machine tools, automobiles, aircraft and other industries, such as automobile engine blocks, transmission cases, machine tool headstocks and axle boxes, diesel engine blocks, gear pump casings, etc. (2) Complex surface Like CNC milling machines, machining centers are also suitable for processing complex curved surfaces, such as aircraft, automobile parts, impellers, propellers, various curved surface forming molds, etc. (3) Special-shaped parts Special-shaped parts are parts with irregular shapes. Most of them require mixed processing of points, lines, and surfaces, such as brackets, bases, templates, masters, brackets, etc. (4) Disks, sleeves, and plate parts Disc sleeves or shaft parts with keyways or radial holes, or distributed hole systems on the end face and curved surfaces, such as flange sleeves, shaft parts with keyways or square heads, etc.: have more holes to process Plate parts, such as various motor covers, etc.



Who choose us:

The products have exported more than 40 countries around the world and receive many good feedback from our customer, please look who choose us:

FAQ:(China factory price 3/4/5 axis cnc vertical machine center vmc1160 cnc milling machining center)

1.Does the application of China factory price 3/4/5 axis cnc vertical machine center vmc1160 cnc milling machining center can be customized?

Of course, if our standard configuration can not meet your needs, please tell us that we redesign and produce the machine to meet your needs

2.How long is the warranty period of the China factory price 3/4/5 axis cnc vertical machine center vmc1160 cnc milling machining center ?

Warranty period is one year, if parts damage within one year, we will send free of charge. Free online training or factory training to ensure that you can use our products properly. We can offer overseas paid installation, commissioning service.

3.What time is your work time?

We work online 24 hours a day, offer quotes and technical support at any time.

4.Do you use the Trade Assurance on ?

Yes, all of the order use this.Can guarantee the quality of the product and your payment.

5.How to get a quote?

Please tell us the model you need or send us drawings of the workpiece, then we can recommend the most suitable products to you. We will give you the best offer within 24 hours.



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