

Bore GSK Siemens Fanuc Vertical Machining Center VMC 640 4 Axis BT40 8000rpm

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Luyoung
- Certification: CE
- Model Number: VMC640
- Minimum Order Quantity: 1
- Price: USD25000- USD43900
- Packaging Details: Fumigation-free plywood
- Delivery Time: 45 working days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets

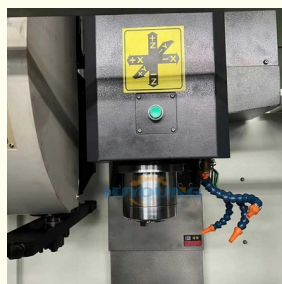


Product Specification

- Product Name: Vertical Milling Machining Center
- Control System: CNC
- Power Supply: 220V/380V, 3-phase
- Size: 900*400 (Mm)
- Machine Name: CNC Milling Machine
- Year: 2024
- Milling Cutter Structure: Integral
- Power: 5.5/7.5kw
- Cnc Controller: FANUC Or SIEMENS Or GSK
- Cross Travel: 450mm
- Usage: Processing Machine
- Spindle Speed: 8000rpm
- Spindle Taper: Bt40
- ATC: 16
- Highlight: fanuc vertical machining center,



More Images



Product Description

VMC640 4 axis BT40 8000rpm spindle bore GSK/Siemens/Fanuc control system vertical machining center



Specifications:

Work bench	Area of work table	900×400mm
	Load capacity	500 kg
	Working mesa from the ground	120-670 mm
spindle	Motor power	5.5kw(servo)
	Distance between the spindle end and the work surface	120-670 mm
	Spindle center to column guide rail	460 mm
	Speed	8000/10000 rpm
Distance of travel	Taper of spindle	BT40
	X-Axis	600 mm
	Y-Axis	450 mm
	Z-Axis	500mm
Feed	X-axis fast moving	24m
	Y-axis fast moving	24m
	Z-axis fast moving	24m
	fast cutting speed mm /min	16 mm/min
precision	Positional accuracy	0.01 mm
	Repeat positional accuracy	0.005mm
Tools	Max,diameter	120 mm
	Max,length	200 mm
	Tool magazine capacity	16
	Qty time of tool changings	7 s
Power Supply	Voltage(V)/frequency (Hz)	380/20
	Total capacity(KVA)	10
Others	Air pressure	0.6 Mpa
	Weight	4000 kg
	Diamention	2350×2150×2300 mm

Standard configuration:vmc640 China 4 axis metal vertical cnc milling machine with factory price

High strength resin sand casting	Imported bearings for lead -screw; HIWIN/NSK
X, Y, Z rails adopt stainless steel telescopic cover	Eelectric cabinet cold heat exchanger
Standard with belt driven Taiwan spindle---8000RPM	Full enclosed cover
GSK25I controller system	Manual pulse generator (MPG)
16 tools type Taiwan ATC	Toolbox
Centralized automatic feed lubrication system	3 Axis lubrication oil collection
Air clean gun	Color display
Chip storage tank	Foundation pad iron and adjusting bolt
Three color warning lamp	USB and Internet interface
Cooling system	Leveling blocks & bolts;
Work lamp	Rigid tapping
Spindle center air blast	
Optional configuration:vmc640 China 4 axis metal vertical cnc milling machine with factory price	
Taiwan ATC, disc type ---24	4th /5th axis
Siemens or Fanuc controller system	Chip conveyor outside machine
3 axis Hiwin linear guide way	Tool measure system
Workpiece measure system	
Main purchase parts brand (vmc640 China 4 axis metal vertical cnc milling machine with factory price)	
Name	Brand
Spindle Unit	Taiwan
Servo Motor	SIEMENS/GSK/FANUC
pressure cylinder	Taiwan SUNRISE
Screw bearing	FAG
Coupling	(R+W)
CNC Controller	SIEMENS/GSK/FANUC

Functions:

The advantages of a four-axis machining center are primarily reflected in the following aspects:

1. Expanded Machining Range

A four-axis machining center increases the machining capabilities by adding a rotating axis (commonly referred to as the fourth axis). This allows for multi-sided machining in a single setup, significantly enhancing flexibility and efficiency. Compared to a three-axis machining center, a four-axis machine can handle more complex geometries and surfaces.

2. Improved Machining Precision

By reducing the number of repeated setups, a four-axis machining center can enhance overall machining accuracy. Each setup can introduce errors, and four-axis machining minimizes the accumulation of these errors by completing multiple processes in a single setup.

3. Reduced Production Time

The design of a four-axis machining center allows the tool to cut at different angles and surfaces, thereby decreasing the number of setups required. This not only increases machining efficiency but also shortens production cycles and lowers production costs.

4. Simplified Process Flow

Since a four-axis machining center can complete multiple operations, it allows companies to simplify the machining process by reducing the number of transfers and setups. This simplification helps improve production efficiency and reduce operational complexity.

5. Automatic Tool Change Function

Many four-axis machining centers are equipped with an automatic tool change function, enabling quick switching between different tools during the machining process, further enhancing flexibility and efficiency. In summary, four-axis machining centers offer significant advantages in improving machining efficiency, precision, and simplifying processes, making them indispensable equipment in modern manufacturing.

Optional configuration:

1. Bridge type 4th axis and 3/5 axis

2.10000rpm or 12000rpm spindle speed

3.Chain type chip conveyor



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