

Vmc 1160 3 axis line guide way cnc milling machine vertical machine center

Basic Information

- Place of Origin: CHINA
- Brand Name: luyoung
- Certification: CE
- Model Number: vmc1160
- Minimum Order Quantity: 1/SET
- Price: \$26000-\$32000
- Packaging Details: Non-fumigating wooden cases
- Delivery Time: 30DAYS
- Payment Terms: T/T, Western Union, MoneyGram, D/P, D/A
- Supply Ability: 10/SET



Product Specification

- Keyword: Cnc Milling Machine
- Spindle Speed Range: 10,000 Rpm
- Vertical Stroke: 1000mm
- Spindle Power: 11
- Product Type: VMC 1160 Machining Center
- Tool Magazine Capacity: 24
- Tool Changing Time: 3s
- Cnc Or Not: CNC
- Highlight: 3 axis CNC milling machine,
vertical CNC machine center,
line guide way milling machine

Product Description

Specification

Items	Details	Unit	VMC1160
Table	Size	mm	1100×600
	Travel of 3 axis(X/Y/Z)	mm	1100/600/600
	Max, table load	kg	1000
T-slot	Size	mm	5-18×120
Spindle	Spindle taper		BT40
	Distance from Spindle center to Colum guide	mm	650
	Distance of spindle head to table	mm	130-780
	Max speed	rpm	8000
	Motor power	KW	11/15
Accuracy	Positioning accuracy(X/Y/Z)	mm	±0.01/±0.008/±0.008
	Repeatability(X/Y/Z)	mm	±0.005
Axis motor	Power of X/Y/Z	Kw	2.5/2.5/2.5
	Torque of X/Z	Nm	16/24
Feeding speed	Rapid feed of X/Y/Z	m/min	36/36/24(linear guide way)
	Cutting feed of X/Y/Z	m/min	10
	Weight	Kg	7800
	Dimension	mm	3300*2800*2700
	Power	V	3 phase 380V,

Product Description

The VMC1160 vertical machining center, five-axis CNC machining center, and five-axis milling machine. The spindle adopts precision tapered ball bearings to achieve high-speed and high-precision operation, with a standard speed of up to 8000 rpm. The standard model is equipped with a high-power spindle servo motor, suitable for high-speed heavy cutting. The spindle uses high-torque synchronous toothed belt drive, which does not slip and can significantly reduce transmission noise and heat generation.





Product Feature



The VMC1160 vertical machining center is specifically designed for five-axis CNC machining centers and five-axis lathes. The VMC1160 vertical machining center is specifically designed for five-axis CNC machining centers and five-axis lathes. It adopts the precision grinding ball screw from Taiwan Havi, featuring high efficiency, bidirectional reversible operation, no gap, high rigidity, high lead accuracy, long service life, low starting torque, smooth operation, and other characteristics. It adopts the

precision grinding ball screw from Taiwan Havi, featuring high efficiency, bidirectional reversible operation, no gap, high rigidity, high lead accuracy, long service life, low starting torque, smooth operation, and other characteristics. Linear guide rails: The linear guide rails have no gap, perform arc cutting, inclined surface cutting, rolling instead of sliding, have low friction loss, respond sensitively, and have high positioning accuracy. Linear guide rails: The linear guide rails have no gap, perform arc cutting, inclined surface cutting, rolling instead of sliding, have low friction loss, respond sensitively, and have high positioning accuracy. The wear of the linear guide rails is very small and the service life is long. The wear of the linear guide rails is very small and the service life is long. Tool magazine: It uses the Taiwan tool magazine, with the tool heads sliding through linear bearings, resulting in low friction, long service life. Spring chuck, clamping tools, simple operation and easy maintenance. Tool magazine: It uses the Taiwan tool magazine, with the tool heads sliding through linear bearings, resulting in low friction, long service life. Spring chuck, clamping tools, simple operation and easy maintenance. Robot tool magazine: Using the Taiwan tool magazine, the tool changing mechanism has undergone millions of operation tests and meets reliability requirements. Quick tool changing mechanism saves non-cutting time and improves production efficiency. Robot tool magazine: Using the Taiwan tool magazine, the tool changing mechanism has undergone millions of operation tests and meets the reliability requirements. Cam-driven tool magazine ensures high-precision operation and can run smoothly even when using heavy tools. Quick tool changing mechanism saves non-cutting time and improves production efficiency. The tool box contains 24 tools. Cam-driven tool magazine ensures high-precision operation and can run smoothly even when using heavy tools. Water separator: Its structure is lightweight and compact, making it easy to install and use. The tool box contains 24 tools. The press-fit self-locking mechanism prevents the set pressure from changing due to external interference. Water separator: Its structure is lightweight and compact, making it easy to install and use. The pressure loss is small and the water separation efficiency is high. The press-fit self-locking mechanism prevents the set pressure from changing due to external interference. The pressure loss is small and the water separation efficiency is high.



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