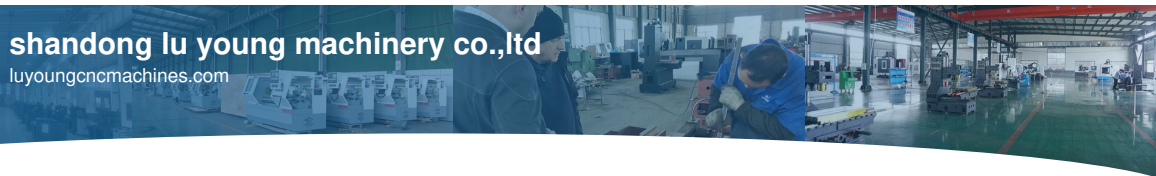




shandong lu young machinery co.,ltd
luyoungcncmachines.com



Vertical CNC Milling Machine BT40 VMC 1160 and 3 Axis for Accurate and Machining Performance

Our Product Introduction

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

- Highlight: BT40 vertical CNC milling machine,
3 axis CNC milling machine,
VMC 1160 milling machine

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Product Description

Product Description

Item	VMC1160
Size of worktable(length×width)mm	1200×600mm
T slot (mm)	5-18×100mm
Max loading weight on worktable	650kg
X-Axis travel(mm)	1100
Y-Axis travel(mm)	600
Z-Axis travel(mm)	600
Distance between spindle nose and table	100-720mm
Distance between spindle center and column(mm)	672
Spindle taper	BT40
Max. spindle speed(rpm)	8000/10000
Spindle motor power(Kw)	11/15kw
Rapid feeding speed: X,Y,Z axis m/min	24/24//24 liner guidway
Fast cutting speed m /min	10m/min
Positional accuracy	±0.005 mm
Repeat positional accuracy	±0.003 mm
Auto Tool changer type	24 arm type auto tool changer
Max. tool length	300mm
Max. Tool diameter	φ150(not adjacent tool)
Max.tool weight	8kg
Tool changing time(tool-to-tool)	7sec
Air pressure	0.6 Mpa
Machine weight	7000KG
Overall sizse(mm)	3340*2800*2700

Product Description

VMC1160 CNC Vertical Machining Center: This spindle adopts precision-grade conical ball bearings, featuring high speed and high precision. The standard rotational speed can reach 8000 revolutions per minute. The standard model is equipped with a high-power spindle servo motor, suitable for high-speed heavy cutting processing. The spindle is driven by a high-torque bevel belt transmission. This transmission belt does not slip, effectively reducing transmission noise and heat generation.





Product Feature



Features of VMC1160 High-Precision Heavy-Duty CNC Vertical Machining Center Metal CNC Milling Machine

The machine adopts high-precision ball screws from HIWIN, Taiwan, featuring high efficiency, reversibility, zero backlash, high rigidity, high lead accuracy, predictable lifespan, low starting torque and smoothness. The machine adopts high-precision ball screws from HIWIN, Taiwan, featuring high efficiency, reversibility, zero backlash, high rigidity, high lead accuracy, predictable lifespan, low starting torque and smoothness. Linear guides: The linear guides have the characteristics of zero backlash, arc cutting, inclined cutting, rolling instead of sliding, low friction loss, sensitive response and high positioning accuracy. Linear guides: The linear guides have the characteristics of zero backlash, arc cutting, inclined cutting, rolling instead of sliding, low friction loss, quick response and high positioning accuracy. The wear of the linear guides is very small and they have a long service life. The wear of the linear guides is very small and they have a long service life. Tool magazine: The tool magazine is from Taiwan, with the tool heads sliding on linear bearings, featuring low friction and long service life. Tool magazine: The tool magazine is from Taiwan, with tool heads sliding on linear bearings, featuring low friction and long service life. Spring collets are used to clamp tools, which are easy to clamp and maintain. Spring collets are used to clamp the tools, which are easy to clamp and maintain. Robotic tool magazine: The tool magazine is from Taiwan, and the tool exchange mechanism has been tested for millions of operations, meeting reliability requirements. Robotic tool magazine: The tool magazine is from Taiwan, and the tool exchange mechanism has been tested for millions of operations, meeting the reliability requirements. The quick tool change mechanism saves non-cutting time and improves production efficiency. The quick tool change mechanism saves non-cutting time and improves production efficiency. The cam-driven tool magazine ensures high-precision operation and smooth operation even when using heavy tools. The cam-driven tool magazine ensures high-precision operation and smooth operation even when using heavy tools. There are 24 tools in the tool magazine. There are 24 tools in the tool magazine. Water separator: The structure is light, compact and easy to install and use. Water separator: The structure is light, compact and easy to install and use. The press-in self-locking mechanism prevents the set pressure from changing due to external interference. The press-in 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. The pressure loss is small and the water separation efficiency is high.



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