

VMC1370 vertical machine center cnc milling machine for metal

Basic Information

Place of Origin: CHINA
Brand Name: luyoung
Certification: CE
Model Number: vmc1370
Minimum Order Quantity: 1/SET

• Price: \$26000-\$38000

Packaging Details: Non-fumigating wooden cases

• Delivery Time: 30days

Payment Terms:
 T/T, Western Union, MoneyGram, D/A, D/P

• Supply Ability: 10/SET



Product Specification

Application: Cnc Milling Machine

Tool Change Time: 7s
Cnc Or Not: CNC
Year: 2025
Fast Cutting Speed: 10m/min
Vertical Stroke: 1000mm
Machinery Test Report: Provided
Repositioning Accuracy: 0.01mm

Machine Type: Vertical/Horizontal

Z Axis Travel: 700mm Max Loading Weight: 1000kg

Prouduct Name: Vertical Milling Machining Center

• Weight: 8500 Kg

• Highlight: vertical CNC milling machine for metal,

VMC1370 CNC machine center,

Product Description

Specification

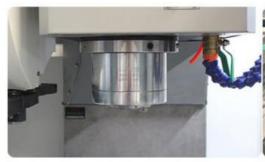
Item	VMC1370
Size of worktable(length×width)mm	1460×700mm
T slot (mm)	5-22x140
Max loading weight on worktable	1400
X-Axis travel(mm)	1300
Y-Axis travel(mm)	700
Z-Axis travel(mm)	700
Distance between spindle nose and	160-860mm
Distance between spindle center and column(mm)	775
Spindle taper	BT50-155
Max. spindle speed(rpm)	8000/10000/12000
Spindle motor power(Kw)	15/18.5kw
Rapid feeding speed: X,Y,Z axis	16/16/16 (24/24//24 liner guidway)
Fast cutting speed m /min	10m/min
Positional accuracy	±0.0075 mm
Repeat positional accuracy	±0.005 mm
Auto Tool changer type	16 tools head type tool changer(optional 24 arm type auto tool
Max. tool length	300mm
Max. Tool diameter	Φ80(adjacent tool)/φ150(not adjacent tool)
Max.tool weight	8kg
Tool changing time(tool-to-tool)	7sec
Air pressure	0.6 Mpa
Machine weight	10000KG
Overall sizse(mm)	3870*3165*2920

Product Description



The VMC1370 three-axis, four-axis and five-axis CNC milling machine and CNC vertical machining center is a new generation of CNC machine tools independently developed and produced by our company after introducing international advanced technology. This machine tool is widely used in the processing of box-type, shell-type and disc-type parts in the mechanical manufacturing industry. The machine is equipped with an automatic lubrication system and a cooling system.

Product Feature





TAIWAN SPINDLE

TAIWAN HIWIN LINAER GUIDEWAY & BALL SCREW

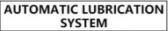




CNC CONTROLLER

TAIWAN ATC







SCHNEIDER BRAND ELECTRICAL PARTS



- 1. The VMC1370 3/4/5 axis CNC milling machine is a CNC vertical machining center used for processing components such as metal processing tool bases, columns, spindle boxes, cross-slide worktables, and worktables. It is entirely manufactured using high-strength EPC forming technology, with a stable internal microstructure, ensuring high stability. The structure of the castings has been analyzed through machine dynamics and finite element analysis, which makes the geometric structure more reasonable and ensures the high rigidity of the basic components. The width of the machine base, the "L" shape box column, the widened extended saddle, the design of all supporting components, and the advanced design concept of composite materials mechanics ensure its ability to bear heavy loads.
- 2. The VMC1370 CNC vertical machining center has a high rigidity and high precision spindle: The spindle of Taiwan Chengzhi Company is 40-150 millimeters in diameter.
- (1) The spindle motor transmits energy through synchronous belts, significantly reducing transmission noise and heat generation.
- (2) The spindle uses precise Japanese NSK bearings, with high speed and high precision, with a maximum rotational speed of 8000 revolutions per minute.
- (3) The spindle housing adopts a 1:1 weight balance counterweight, with more reliable and stable weight. When the spindle rotates at high speed, it avoids resonance phenomena, ensuring the best processing
- 3. The high-quality five-axis vertical CNC metal processing machine in China uses the high-precision and high-strength ball screw from Taiwan Letai Company. It uses imported high-precision locking nuts, and the ball screw is pre-tightened, greatly improving the transmission stiffness and eliminating the influence of thermal deformation of the moving parts, thus ensuring the positioning accuracy and repeat positioning accuracy of the machine.

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