

## 4 Axes Vertical Machining Center Process CNC Milling Machine 1 - 8000 RPM

### Our Product Introduction

#### Basic Information

- Place of Origin: Shandong, China
- Brand Name: Lu Young
- Model Number: VMC1580
- Price: \$35,000.00/sets
- Delivery Time: 30DAYS
- Payment Terms: T/T
- Supply Ability: 30/SET



#### Product Specification

- Type: VERTICAL
- Range Of Spindle Speed(r.p.m): 1 - 8000
- Number Of Axes: 4
- No. Of Spindles: Single
- Machining Capacity: Heavy Duty
- Spindle Taper: BT40
- Table Travel (X) (mm): 1700
- Table Travel (Y) (mm): 800
- Table Travel (Z) (mm): 700
- Positioning Accuracy (mm):  $\pm 0.01$
- Repeatability (X/Y/Z) (mm):  $\pm 0.005$
- Voltage: 220v/380v
- Dimension(L\*W\*H): 4300\*3200\*3100
- CNC Control System: GSK



## Product Description

### 4 Axes Vertical Machining Center Process CNC Milling Machine 1 - 8000 RPM

#### Key Features

- 4-axis CNC vertical machining center with 1-8000 RPM spindle speed
- BT40 spindle taper for heavy-duty machining
- Precision positioning accuracy of  $\pm 0.01\text{mm}$
- Large worktable size: 1700x800mm with 1500kg max load
- GSK CNC control system for optimal performance
- High safety level with fully enclosed structure



#### Technical Specifications

Attribute	Value
Type	VERTICAL
Range of Spindle Speed	1 - 8000 r.p.m
Number of Axes	4
Spindle Taper	BT40
Table Travel (X/Y/Z)	1700/800/700 mm
Positioning Accuracy	±0.01 mm
Repeatability (X/Y/Z)	±0.005 mm
Max. Table Load	1500 kg
Overall Dimensions	4300×3200×3100 mm
Weight	13000 kg

### Standard Configuration

High strength resin sand casting  
 3 axis hard guide way  
 Siemens/Fanuc/KND CNC Controller  
 BT50 Taiwan high speed spindle unit (8000rpm)  
 Separate hand wheel  
 Pneumatic broach system  
 Full guard protection  
 Automatic intermittent lubrication  
 16 tools type ATC



### Optional Configurations

- 4th or 5th axis with Taiwan Hiwin linear guide way
- 10000/12000 rpm spindle speed
- Chip conveyor system
- Spindle oil cooling
- 24 tools Arm type ATC
- Coolant through spindle
- Renishaw tool measurement or probe

### Packing & Delivery

- Port: Qingdao port or Shanghai port
- Payment: 30% T/T deposit, 70% balance before shipment
- Delivery time: 30 days after deposit receipt
- Non-fumigation seaworthy plywood packaging
- Steel base plate (3-5 times stronger than standard)
- Water-proof and damp proof wrapping

### Warranty & Support

1 year warranty on core components with free maintenance during warranty period. Engineers available for overseas service. Standard parts and accessories included with shipment.

### Frequently Asked Questions

How long is your warranty period?

Our warranty period is one year, with free maintenance during this time. Damaged parts will be replaced immediately via airmail or express.

**What kind of packing do you use?**

We use durable plywood cases with steel base plates, water-resistant film wrapping, and full protection for safe transportation.

**Can the machine be customized?**

Yes, we can design and produce machines to meet your specific requirements. Provide your drawings and specifications for a customized solution.



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