

Milling Machine 5 Axis VMC855 Vertical Machining Center for High Precision CNC Metal

Our Product Introduction

for more products please visit us on luyoungcncmachines.com

Basic Information

- Place of Origin: Shandong, China
- Brand Name: lu young
- Price: \$24,500.00/sets
- Packaging Details:
 - 1.Non-fumigation packaging, we use seaworthy plywood.
 2. Steel base plate, it is stronger 3-5 times than normal plywood base plate.
 - 3.Water-proof and damp proof, water resistant film wrapped all the machine.
 - 4.Fully sheathed case,prevention of coll



Product Specification

- Condition: New
- Spindle Taper: BT40
- No. Of Spindles: Single
- Type: VERTICAL
- Dimension(L*W*H): 2700*2250*2700
- Weight (T): 5800 T
- Table Size (mm): 1000*550
- CNC Control System: GSK, FANUC, MITSUBISHI, Siemens
- Number Of Axes: 3, 4, 5
- Table Travel (X) (mm): 800 Mm
- Table Travel (Y) (mm): 550 Mm
- Table Travel (Z) (mm): 500 Mm
- Positioning Accuracy (mm): 0.005
- Repeatability (X/Y/Z) (mm): 0.003
- Range Of Spindle 1 - 8000 R.p.m



More Images



Product Description

Milling Machine 5 Axis VMC855 Vertical Machining Center Factory Price High Precision CNC Metal



XH7124/XH7125/XH7126

Worktable of xh7125:800*240

X/Y/Z axis travel:450*300*380

Worktable of xh7126:800*260

X/Y/Z axis travel:450*320*420



VMC550-VMC650

Worktable of VMC550:800*300

X/Y/Z axis travel:600*350*450

Worktable of VMC650:900*400

X/Y/Z axis travel:650*450*500



VMC850-VMC855

Worktable of VMC850:1000*500

X/Y/Z axis travel:800*550*500

Worktable of VMC855:1000*550

X/Y/Z axis travel:800*550*500



VMC1060/VMC1160

Worktable of vmc1060:1300*600

X/Y/Z axis travel:1000*600*600

Worktable of vmc1160:1200*600

X/Y/Z axis travel:1100*600*600



VMC1270 /VMC1370

Worktable of vmc1270:1400*700

X/Y/Z axis travel:1200*700*700

Worktable of vmc1370:1460*700

X/Y/Z axis travel:1300*700*7500



VMC1580

Worktable of vmc1580:1700*800

X/Y/Z axis travel:1500*800*700

Product Description

Item	Milling Machine 5 Axis VMC855 Vertical Machining Center Factory Price High Precision CNC Metal
Size of worktable(length×width)mm	1000×550
T slot (mm)	5-18x90
Max loading weight on worktable	600kg
X-Axis travel(mm)	800
Y-Axis travel(mm)	550
Z-Axis travel(mm)	500
Distance between spindle nose and table(mm)	120-620
Distance between spindle center and column(mm)	540
Spindle taper	BT40
Max. spindle speed(rpm)	8000
Spindle motor power(Kw)	7.5/11kw
Rapid feeding speed: X,Y,Z axis m/min	16/16/16 (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	16 tools head type tool changer(optional 24 arm type auto tool changer)
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	5800KG
Overall sizse(mm)	2800*2400*2400

Standard configuration:(Milling Machine 5 Axis VMC855 Vertical Machining Center Factory Price High Precision CNC Metal)

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:(Milling Machine 5 Axis VMC855 Vertical Machining Center Factory Price High Precision CNC Metal)

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

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



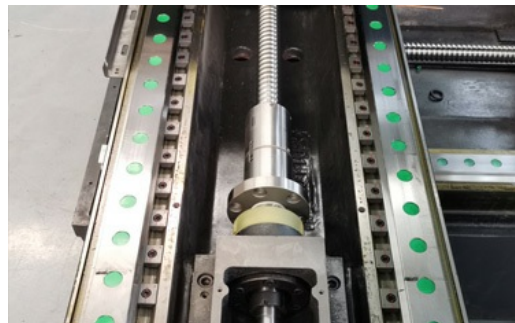
Product Feature

Milling Machine 5 Axis VMC855 Vertical Machining Center Factory Price High Precision CNC Metal

: HT300 resin sand wear-resistant castings have high density and good wear resistance! The saddle adopts a double-layer casting structure, and the large A-shaped column structure shows high rigidity cutting ability.



Spindle: Standard is high speed BT40-150 belt driven Taiwan spindle---8000RPM; Optional is 10000/12000/15000 rpm .simple and compact structure, high efficiency, low noise, low vibration , high precision,and good surface finishing.



Screw:Standard is hardened guide way,optional is Taiwan Hiwin linear guide way.The guide screw adopts the imported JIS-C3 grinding grade pre-stretched nut screw to eliminate the backlash, after heat treatment, it has good rigidity, wear resistance, and guarantees the high precision of the operation.



Auto tool changer: Taiwan hat type (16 knives) tool magazine. Advantages: low wear, long life, easy adjustment, and low failure rate. Optional configuration is Taiwan 20/24 disc type Auto tool changer.



Controller system: there is GSK /KND/SIEMENS/SYNTEC/FANUC controller system could to be choosed

Optional configuration: Milling Machine 5 Axis VMC855 Vertical Machining Center Factory Price High Precision CNC Metal



4th and 5th axis :

4th and 5th axis can be choosed as optional, Horizontal & vertical cnc rotary table can be choosed as optional. Especially for special jobs. High precision, improve processing efficiency, and shorten the processing flow.



PROBE MEASURING

METROL , RENISHAW or PIONEER brand workpiece measuring system and tool measuring system are optional configurations.



Chip conveyor outside machine

The machine tool chip conveyor is mainly used to collect various metal and non-metal scraps produced by the machine and transfer the scraps to the collection vehicle. It can be used in conjunction with the filter water tank to recycle various coolants.

24 tools arm type Auto tool changer

The tool change speed is fast, within 4s. The mechanical arm pulls the tool from the tool magazine and the spindle at the same time and installs it on the spindle and the tool magazine after a 180° rotation to complete the tool change process.

Application

The application of **CNC 5 axis vertical machining center VMC855 vertical milling machines**

1. Mold manufacturing. Timely adjustment of test pieces can greatly improve the fault tolerance rate and reduce the error rate.
2. Box-shaped parts: parts with complex shapes, a cavity inside, a large volume and more than one hole system, and parts with a certain ratio of length, width and height of the internal cavity are suitable for CNC machining of machining centers.
3. Curved surface: The machining center can be clamped at one time to complete all the side and top surfaces except the

clamping surface. the machining center is suitable for processing mobile phone parts, auto parts, and aerospace materials.

4. Special-shaped parts, the machining center can be assembled and clamped, which can complete various processes such as drilling, milling, boring, expansion, reaming, and rigid tapping. The machining center is the most suitable mechanical equipment for special-shaped parts with irregular shapes that require multi-station mixed processing of points, lines and surfaces.

5. Discs, sleeves, plate parts, machining centers. according to different spindle transportation methods, for disc sleeves or shaft parts with keyways, radial holes or distributed holes on the end surface, curved disc sleeves or shaft parts, such as flanged shaft sleeves, Shaft parts with keyway or square head, etc. There are also plate parts with more porous processing, such as various motor covers. Vertical machining centers should be selected for disc parts with distributed holes and curved surfaces on the end faces, and horizontal machining centers with radial holes are optional.

6. Periodically mass-produced parts. The processing time of a machining center generally includes two parts, one is the time required for processing, and the other is the preparation time for processing. The preparation time occupies a high proportion. This includes: process time, programming time, part test piece time, etc. The machining center can store these operations for repeated use in the future. In this way, you can save this time when processing the part later. The production cycle can be greatly shortened. Therefore, it is especially suitable for mass production of orders.

Samples: china factory precision vmc855 cnc milling cnc vertical machine center



Our company



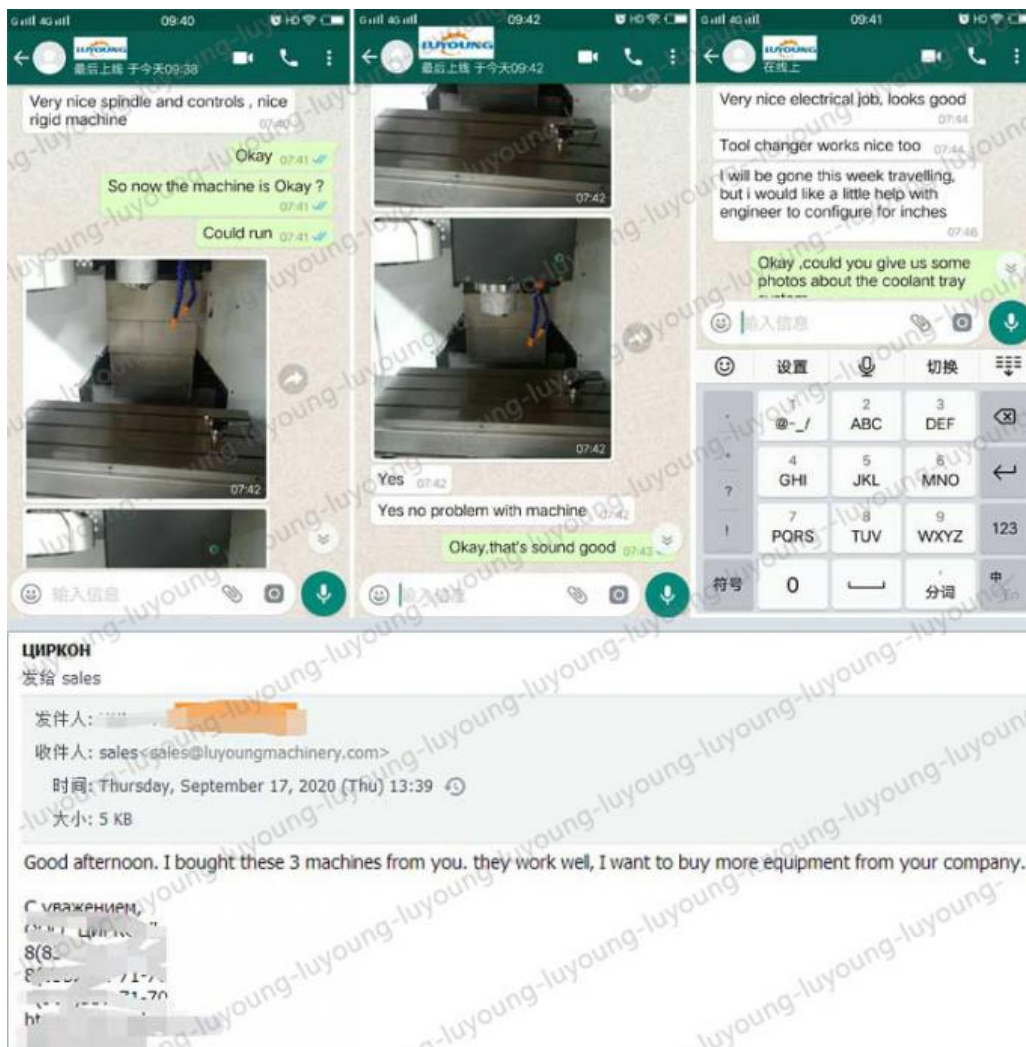
Shandong Lu Young Machinery Co, Ltd. is established in July 1996. We are located in Shandong province. We are one of professional cnc lathe machine, cnc milling machine and swiss lathe machine manufacturer in China. We founded our fast lathe machine factory in 1996 in Tengzhou City to produce center lathe and universal milling machine for over 20 years development. We build three factories. One is for cnc lathe production, one for cnc milling production. We imported advanced production technology and R&D team from Korea in 2001 and build our third factory for swiss lathe machine production. We own about 500 workers and 40 engineers, more than 5000 square meters.

Our engineer team has rich experiences for equipment selection and process design. We can give you professional solution based on your workpieces fast and freely. We could produce over 1000 sets of cnc machine equipment one year. Our cnc machine tools have been exported over 40 countries and get good feedback.

- ♥ More than 20 years of production experience.
- ♥ Exported more than 40 countries.
- ♥ More than 300 staffs in factory.
- ♥ CE and ISO9001 certification.
- ♥ 7x24 hours online service.

Who choose us

Feedback from our customer:



Our service

Customer Service

PROVIDE GLOBAL AFTER-SALES SERVICE

Customized service

English User Manual and Operation

Service overseas

24 Hours On-line Service

Professional After Sales Team

Delivery Time Promised

CNC 5 axis metal milling machine VMC
650 High quality taiwan vertical machining
center

1. We supply 24 hours on-line service,you could contact with us by email ,phone ,wechat ,whatsapp,skype etc.2. Received your phone or mail,we will Analyze the problem immediately. 3.Supply professional solution, after analyze the problem, we give you our best solution. 4. The warranty period of the whole machine is 1 year. Under normal use, if the machine parts are damaged during the warranty period, we will provide free accessories. Outside the warranty period, if the parts are damaged, we only charge the cost price of the parts, and will never overcharge. 5. Provide lifetime free technical support, you can contact us at any time if you encounter difficulties in the process of use. 6. We provide overseas services, engineers can go to the customer's factory for debugging,installation, maintenance, and repair. (In case of non-epidemic situation).

Packaging





CNC 5 axis vertical machining center VMC855 vertical milling machines

1.Port: Qingdao port or Shanghai port 2.Payment method: T/T, L/C, D/P, D/D etc. 3.Payment: 30% T/T as deposit, 70% balance shall be paid before shipment. 4.Delivery time: 30 days after receive the 30%T/T deposit.5.Non-fumigation packaging, we use seaworthy plywood. 6. Steel base plate, it is stronger 3-5 times than normal plywood base plate. 7.Water-proof and damp proof, water resistant film wrapped all the machine.

FAQ

1.Does the vmc855 china high precision factory 3 axis vertical machine center can be customized?

Of course, if our standard configuration can not meet your needs, please tell us that we redesign and produce the machine to meet your needs

2.How long is the warranty period of the china factory precision vmc855 china high precision factory 3 axis vertical machine center?

Warranty period is one year, if parts damage within one year, we will send free of charge. Free online training or factory training to ensure that you can use our products properly. We can offer overseas paid installation, commissioning service.

3.What time is your work time?

We work online 24 hours a day, offer quotes and technical support at any time.

4.Do you use the Trade Assurance on ?

Yes, all of the order use this.Can guarantee the quality of the product and your payment.

5.How to get a quote?

Please tell us the model you need or send us drawings of the workpiece, then we can recommend the most suitable products to you. We will give you the best offer within 24 hours.

6.How to contact with you?

My mobile/whatsapp: +86 13287637951;;Please send message to us, thanks in advance!



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