

VMC850 5 Axis Machining Center Table Size 1000x500mm Spindle Speed 1-8000rpm

Our Product Introduction

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Basic Information

- Place of Origin: China
- Price: \$39,000.00/sets



Product Specification

- Type: VERTICAL
- Range Of Spindle Speed(r.p.m): 1 - 8000
- Number Of Axes: 3
- No. Of Spindles: Single
- Machining Capacity: Heavy Duty
- Spindle Taper: BT40
- Table Travel (X) (mm): 800
- Table Travel (Y) (mm): 500
- Table Travel (Z) (mm): 500
- Positioning Accuracy (mm): ± 0.01
- Repeatability (X/Y/Z) (mm): ± 0.005
- Voltage: 380V;3 Phase
- Key Selling Points: High-accuracy
- Weight (KG): 5500



More Images



Product Description

VMC850 5 Axis Machining Center with Table Size 1000*500mm and Spindle Speed 1-8000 r.p.m

hot-selling product

Choose our CNC milling machine according worktable and 3 axis travel:



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	VMC850
Size of worktable(length×width)mm	1000×500
T slot (mm)	5-18x100
Max loading weight on worktable	600kg
X-Axis travel(mm)	800
Y-Axis travel(mm)	500
Z-Axis travel(mm)	500
Distance between spindle nose and table	105-605mm
Distance between spindle center and column(mm)	550
Spindle taper	BT40-150
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	4200KG
Overall sizse(mm)	2600*2300*2300

Standard configuration:VMC850 competitive price milling cnc 5 axis machining center

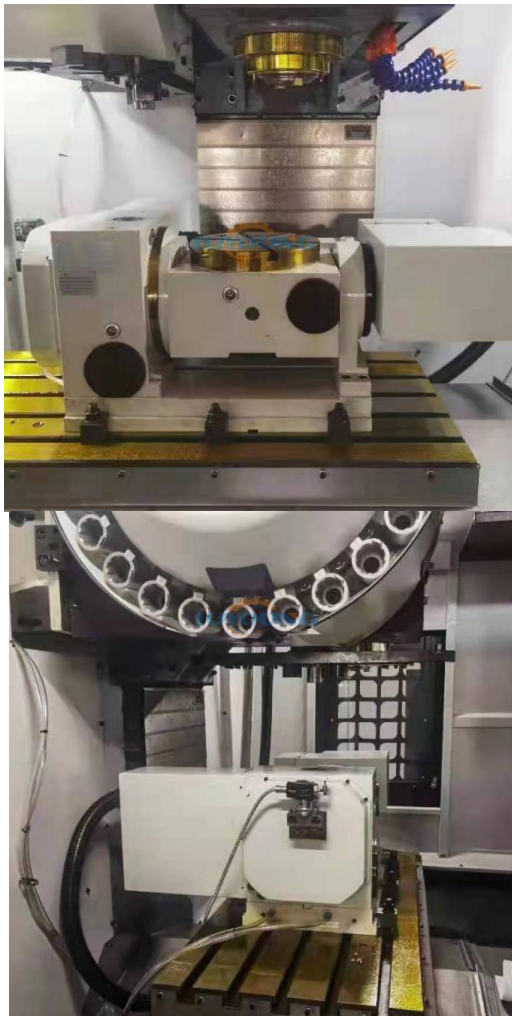
High strength resin sand casting	Imported bearings for lead -screw; HIWIN/NSK
X, Y, Z rails adopt stainless steel telescopic cover	Eelectric cabinet cold heat exchanger
Standard with belt driven Taiwan spindle---8000RPM	Full enclosed cover
GSK25I controller system	Manual pulse generator (MPG)
16 tools 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:VMC850 competitive price milling cnc 5 axis machining center

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(VMC850 competitive price milling cnc 5 axis machining center)

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



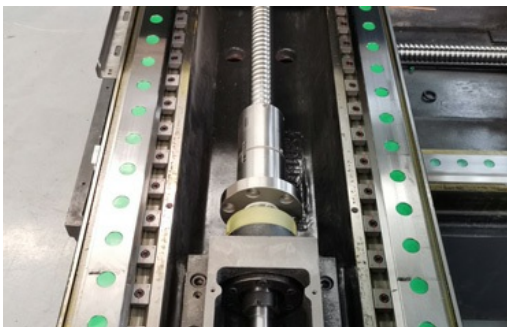
Product Feature

Feature of VMC850 competitive price milling cnc 5 axis machining center

Casting: 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

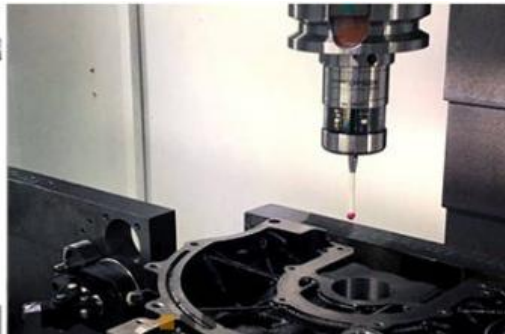
Controller system: there is GSK /KND/SIEMENS/SYNTEC/FANUC controller system could to be choosed

Optional configuraton:



4th and 5th axis :

4th and 5th axis can be chosen as optional. Horizontal & vertical cnc rotary table can be chosen 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.

Our factory



Shandong Lu Young Machinery Co, Ltd. is established in July 1996. We are located in Shandong Province. We are one of the professional CNC lathe machine, CNC milling machine, and Swiss lathe machine manufacturers in China. We founded our first lathe machine factory in 1996 in Tengzhou City to produce center lathes and universal milling machines. For over 20 years of development, we have built three factories. One is for CNC lathe production, one for CNC milling production.

We imported advanced production technology and an R&D team from Korea in 2001 and built our third factory for

Swiss lathe machine production. We own about 500 workers and 40 engineers, more than 5000 square meters.

Our engineering team has rich experience for equipment

selection and process design. We can give you a 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 to over 40 countries and received good feedback.

♥ More than 20 years of production experience.

♥ Exported to more than 40 countries.

♥ More than 300 staffs in factory.

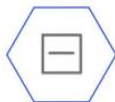
♥ CE and ISO9001 certification.

♥ 7×24 hours online service.

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

VMC850 competitive price milling cnc 5 axis 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





Title goes here.

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 VMC850 competitive price milling cnc 5 axis machining 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 VMC850 competitive price milling cnc 5 axis machining 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 18660853235; QQ:3494630853 ;Please send message to us, thanks in advance!



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