

High Precision VMC850 Vertical Machining Center 5T Weight BT40 Spindle Taper

Our Product Introduction

for more products please visit us on luyoungcncmachines.com

Basic Information

- Place of Origin: Shandong, China
- Brand Name: lu young
- Price: \$22,500.00/sets >=1 sets



Product Specification

- Condition: New
- Spindle Taper: BT40
- No. Of Spindles: Single
- Type: VERTICAL
- Dimension(L*W*H): 2780*2450*2700mm
- Weight (T): 5
- Table Size (mm): 1000*500
- Table Travel (X) (mm): 800
- Table Travel (Y) (mm): 500
- Table Travel (Z) (mm): 500
- Positioning Accuracy (mm): 0.006
- Repeatability (X/Y/Z) (mm): 0.003
- Range Of Spindle Speed(r.p.m): 50 - 10000 R.p.m
- Max. Table Load(kg): 400 Kg



More Images



Product Description

High Precision VMC850 Vertical Machine Centre with 5T Weight and BT40 Spindle Taper

VMC850 China 4 axis high precision vertical machine centre



Specification

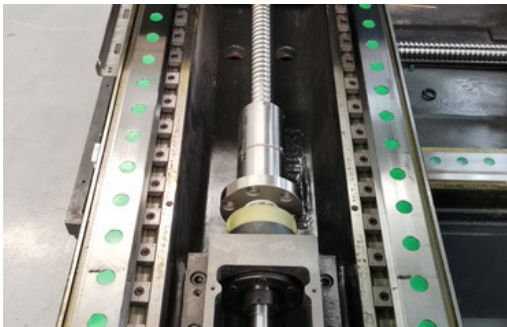
Item	VMC850
Size of worktable(length×width)mm	1000×500
T slot (mm)	5-18x100
Max loading weight on worktable	600kg
X-Axis travel(mm)	800
Y-Axis travel(mm)	550
Z-Axis travel(mm)	500
Distance between spindle nose and table	105-605mm
Distance between spindle center and column(mm)	550
Spindle taper	BT40
Max. spindle speed(rpm)	8000/10000/12000
Spindle motor power(Kw)	7.5/11kw
Rapid feeding speed: X,Y,Z axis m/min	24/24/24 liner guideway
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	Φ80(adjacent tool)/φ150(not adjacent tool)
Max.tool weight	8kg
2.5Tool changing time(tool-to-tool)	2.5sec
Air pressure	0.6 Mpa
Machine weight	5500KG
Overall sizse(mm)	2600*2300*2300
Standard configuration:	
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:	
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)

Product Description

The VMC850 New price vertical 5-axis machining center with 24 ATC is suitable for mould, automobile, motorcycle, aviation, aerospace, instrumentation, textile light industry and electronics and machinery manufacturing and other industries, small and medium-sized housing cover, plate, shell and plate parts processing industry. It is applicable to the vertical machining center of machining and mould manufacturing. It can adapt to the machining requirements of machining, drilling, tapping, boring and so on.



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.



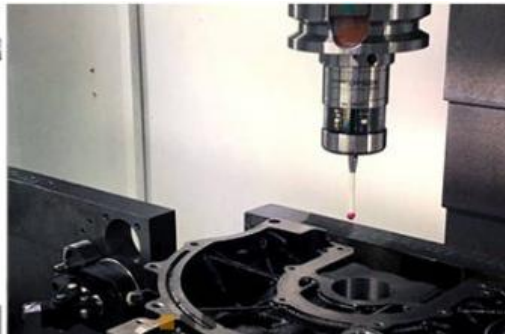
Controller system

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



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.



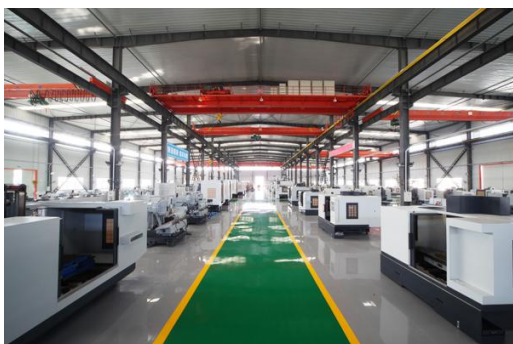
Chip conveyor outside machine

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.

Company Profile



Packing & Delivery

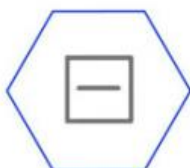


1.Port: Qingdao port or Shanghai port 2.Payment method: T/T, L/C, D/P, D/D etc. 3.Payment: 30% T/T as deposit, 70% balance shall be paid before shipment. 4.Delivery time: 30 days after receive the 30%T/T deposit.5.Non-fumigation packaging, we use seaworthy plywood. 6. Steel base plate, it is stronger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

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

1. Professional technology service team. we have professional technology service team, we supply one by one solution design for your request.

2. Training for free and overseas service. we can supply training for you in our factory for free. Overseas service is also OK.

3. 7*24 hours online sales. We supply 7*24 hours online sales and after sales service for free. And we welcome customers to visit our workshop and products at any time.

4. Replacement parts for free. We supply replacement parts for free if the machine is proved defective within 12 months.

Customer Photos

CUSTOMER VISITING

We are committed to providing high-performance products and excellent technical consulting services.



vmc850 China syntec controller 4 axis 5 axis m...

★★★★★

The supplier recorded the debugging video in advance,very nice!



GT4230 china factory price Horizontal Metal B...

★★★★★

Good machine! I like it very much



TCK550 low prices slant bed metal turning cnc ...

★★★★★

Anna was very responsible and the service was excellent!



sm385 chinese factory price automatic chuck ...

★★★★★

No comments



xh7124 build your own cnc milling machine kit

★★★★★

If I ever need a machine again, I'll buy it from this company.



sm385 manufacturer 5 axis 2 spindle cnc lathe...

★★★★★

engineers are very professional and reply very quickly



vmc850 metal vertical cnc milling machine 4 a...

★★★★★

great machine!



sm205 High precision 2 spindle swiss type cnc...

★★★★★

engineers are very professional and reply very quickly



sm325 China automatic high precision swiss 2 ...

★★★★★

The machine looks cool



sm385 high precision dental 2 spindle 5 axis s...

★★★★★

the machine is great!



Slant Bed CNC Turning Center TCK40 CNC Lat...

★★★★★

machine is very good!Continue to cooperate next time.I am very satisfied with this shopping experience!



Bruce Yang

Shandong Lu Young Machinery Co., Ltd.

thanks for your feedback,it's our honor to service for you.

25 Mar 2024

Certifications



FAQ

1. What's the term of payment ?

As usual, Our term of payment is:30% downpayment by T/T (Telegraphic transfer) in advance. 70% by T/T before shipment. Besides, We can also accept term of payment by irrevocable letter of credit at sight. D/P or D/A.

2. What's the quality warranty ?

We will supply standard parts and accessories with our machines when shipment. Within one year after receiving our machines, In the right operation, If there are any damaged parts or accessories, We will replace them by air-mail or express mail immediately free of charge.

3. What's the delivery time ?

We will supply goods to you within 1 months after getting your 30% downpayment by T/T according to the different products.

4. What's the charge of installing and commissioning ?

For some machines, It need our technician to go to your local site and help you install and commission machines. At the same time,Our technician will train your workers. It will take 7-15 days for different machines. The return air-tickets, accommodation,food, salary (USD60.00/day for every technician),etc will be born by the end-user.

CONTACT

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Grace Nie



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