

VMC850 Cnc Milling Machine 3 Axis BT40 12000rpm VMC850 Cnc Vertical Machining Center

Our Product Introduction

for more products please visit us on luyoungcncmachines.com

Basic Information

- Place of Origin: CHINA
- Brand Name: luyoung
- Certification: CE
- Model Number: vmc850
- Minimum Order Quantity: 1
- Price: \$22500/set
- Packaging Details: Fumigation-free packaging
- Delivery Time: 30days
- Payment Terms: T/T, D/P, D/A, Western Union, MoneyGram, L/C
- Supply Ability: 10/set



Product Specification

- Controller: FANUC-Siemens/GSK CNC Controller
- Spindle Speed: 10000mm/min
- Year: 2024
- X Travel: 800mm
- Keyword: Cnc Milling Machine
- Application: Metal Processing
- Machining Capacity: Light Duty
- Table Size: 1000*500mm
- Spindle Speed Range: 10,000 Rpm
- Number Of Axes: 3/4/5
- Processing: Maching Center
- After Warranty Service: Online Support
- Highlight: **VMC850 Cnc Milling Machine, Cnc Milling Machine 3 Axis BT40, 12000rpm VMC850 cnc vertical machining center**



Product Description

VMC850 Cnc Milling Machine BT40 3 Axis 8000/10000/12000rpm spindle bore
VMC850 cnc milling machine BT40 3 axis for metal for powerful vertical machine center



VMC850 cnc milling machine 3 axis for metal for powerful vertical machine center

Specification

Item	VMC850
Size of worktable(length×width)mm	1000×500
T slot (mm)	5-18×100
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 size(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)
CNC Controller	SIEMENS/GSK/FANUC

Product Description

The **VMC850 cnc milling machine 3 axis for metal for powerful vertical machine center** 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 choosed as optional. Horizontal & vertical cnc rotary table can be choose
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.

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.

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.

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

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 oversea service. we can supply training for your in our factory for free. Oversea service also is 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



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.

Services:



Quality Assurance



OEM & ODM



Technical Supporting



Overseas After-sales Service



shandong lu young machinery co.,ltd



86 18660852746



sales@luyoungmachinery.com



luyoungcncmachines.com

Room 1061, Building A, Guoshan Center, Taiqian Street, Taishan District, Taian City, Shandong Province