



Vmc650 CNC Vertical Machining Center Metal Cutting Torno Vmc Lathe Milling

Our Product Introduction

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Basic Information

- Place of Origin: Henan, China
- Brand Name: BAISHUN
- Certification: ISO
- Model Number: VMC1160
- Minimum Order Quantity: 1 set
- Price: Negotiation
- Packaging Details: Export standard wooden case or as customers' requirement.
- Delivery Time: 45 work days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 50 Set/Sets per Month



Product Specification

- Condition: New
- Spindle Taper: BT40
- No. Of Spindles: Single
- Type: VERTICAL
- Dimension(L*W*H): 2855*2150*2350 Mm
- Weight (T): 6.5 T
- Table Size (mm): 1200*600
- CNC Control System: GSK, FANUC, MITSUBISHI, KND, Siemens
- Number Of Axes: 2
- Table Travel (X) (mm): 1100
- Table Travel (Y) (mm): 600
- Table Travel (Z) (mm): 600
- Positioning Accuracy (mm): ± 0.008
- Repeatability (X/Y/Z) (mm): ± 0.005
- Range Of Spindle: 0 - 10000 R.p.m



More Images



Product Description

Product Description

VMC650 Cnc Machine Metal Cutting Torno Vmc Lathe Milling Cnc Vertical Machining Center

Vertical milling center (VMC) is a type of milling machine that is commonly used in manufacturing industries such as automotive, aerospace, and electronics. It is typically used to produce precision parts with complex shapes, using a computer-controlled tool that rotates and moves along multiple axes.

1.The base parts, carriages, worktables, columns, spindle boxes and other main parts are made of HT300 cast iron; the base is box-type structure, and the compact and reasonable symmetric rib structure ensures the high rigidity and bending resistance of the base parts. A-type bridge struts and internal grid-like ribs strongly guarantee the rigidity and precision of Z-axis strong cutting; the basic parts are made of resin sand and treated with aging to ensure the stability of the long-term use performance of the machine tool.

3.Z axis plus weight balance to ensure that the spindle box movement smooth, stable; Z-direction drive motor with electric brake;

4.X, Y, Z three-direction feed adopts high-precision and high-strength inner-ring double-nut preload large lead ball screw with high feed speed; drive motor is directly connected with screw through elastic coupling. The feed servo motor directly transmits the power to the high-precision ball screw without backlash, ensuring the positioning accuracy and synchronization of the machine tool.

Machine parameters:

Model	VMC550	VMC650	VMC850	VMC1050
Table(mm)	800*350	900*400	1050*500	1050*560
Max.table load(kg)	300	450	600	600
X/Y/Z axis travel(mm)	550*350*500	650*400*500	800*500*600	1000*500*600
Diatance between spindle center and column guide surface(mm)	419	476	560	560
Diatance between spindle face and worktable face(mm)	100-600	100-600	140-740	140-740
X/Y/Z Max.feed speed(mm/min)	10000	10000	10000	10000
X/Y/Z Max.rapid traverse	20/20/15	24/24/20	20/20/15	20/20/15
Max.speed of spindle(r/min)	8000	8000	8000	8000
The spindle taper hole(type)	BT40	BT40	BT40	BT40
Spindle motor(kw)	3.7/5.5	5.5/7.5	7.5/11	7.5/11
X/Y/Z axis servo motor(kw)	1.0/1.0/1.5	1.0/1.0/1.5	1.0/1.0/2.0	1.0/1.0/2.0
X/Y/Z motor connection	Direct connection			
X/Y/Z Guide way type	Linear guide	Two linear one hard guide	Linear guide	Linear guide
Worbench T slot(mm)	3-18*105	3-18*125	5-18*90	5-18*90
Repeat accuracy(mm)	±0.004	±0.004	±0.004	±0.004
Max.tool wight(kg)	7	7	8	8
Max.tool length(mm)	250/300	250/300	250/300	250/300
Electric capacity(kVA)	10	10	11	11
Weight (kg)	3000	4500	5700	6000
Dimension(L*W*H mm)	2100*1950*2200	2300*2200*2400	2700*2400*2700	2920*2400*2700

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we can equip all brand CNC controller: FANUC Oi-mf; Siemens808D; Siemens 828; Mitsubishi M80; also Chinese CNC brand like: HNC808; KND2000mf; GSK980T;etc.

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Chip conveyor are optional:

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HIWIN from Taiwan China brand are adopted.

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Machine parameter

Company Information

Henan Baishun Machinery Equipment Co.,Ltd is a professional manufacturer, which especially work for [Slotting machine](#), [Vertical lathe machine](#), [CNC Vertical lathe machine](#), [CNC Horizontal lathe machine](#), [Roll lathe machine](#), [Gear hobbing machine](#), [Pole erection machine](#), [Shredder machine](#), etc.

We attach great importance to international technical exchanges and cooperation, has introduced advanced technology and craft from United States, Germany, Australia and other countries, establishes the international advanced production lines and first-class modern testing base. *Welcome all friends visiting and communicating and cooperating!!!*

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