

# VMC850 Vertical Machining Center 800x500x600mm Travel BT40 Spindle

## **Basic Information**

Place of Origin: Henan, China
Brand Name: BAISHUN
Certification: ISO
Model Number: VMC850
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**

Product Name: Vertical Lathe Machinery VMC850

X/Y/Z Travel (X) (mm): 800/500/600
 Table Size (mm): 1050\*500
 Max. Table Load(kg): 300 Kg
 Spindle Taper: BT40

• Keywords: Vertical Lathe

Usage: Metal Turning And Milling

Machine Weight (T): 3 T

• Max.speed Of Spindle: 8000r/min

• Dimension(L\*W\*H): 2100\*1950\*2200mm

Highlight: VMC850 Vertical Machining Center,
 Taiwan Linear Guideway Vertical Machining

Center

, 3 Axis Vertical Machining Center



## More Images







## **Product Description**

## Vertical Machining Center 3axis Taiwan Linear Guideway Vertical Lathe Machinery VMC850

### **Product Description**

Vertical Milling Centers (VMC) are widely utilized in manufacturing sectors such as automotive, aerospace, and electronics, serving as crucial equipment for producing intricate precision parts. Their primary components, including the base, saddles, worktables, columns, and spindle housings, are all constructed from HT300 cast iron. The base features a box-type structure, complemented by a compact and rationally designed symmetrical rib structure, ensuring the high rigidity and bending resistance of the foundational elements. A-type bridge struts and internal grid-like ribs robustly guarantee the stiffness and precision of the Z-axis during heavy cutting. Furthermore, these fundamental parts are manufactured using resin sand casting and undergo aging treatment to assure the long-term stability of the machine tool's performance.









## **Machine Parameter**

Table(mm)   800°350   900°400   1050°500   1050°560     Max.table load(kg)   300   450   600   600     X/Y/Z axis   550°350°500   650°400°500   800°500°600   1000°500°600     Diatance between spindle center and column guide surface(mm)     Diatance between spindle face and worktable face (mm)     X/Y/Z Max.feed speed(mm/min)     X/Y/Z Max.rapid   20/20/15   24/24/20   20/20/15   20/20/15     Traverse   8000   8000   8000   8000     Spindle further spindle taper hole(type)     Spindle motor(kw)   3.7/5.5   5.5/7.5   7.5/11   7.5/11     X/Y/Z axis servo motor(kw)   X/Y/Z motor connection     X/Y/Z More to motor   10/1.0/1.5   1.0/1.0/1.5   1.0/1.0/2.0     Worbench T   3-18°105   3-18°125   5-18°90   5-18°90     Max.tool (length (mm)   250/300   2	Model	VMC550	I VMC650	VMC850	VMC1050		
Max.table load(kg)         300         450         600         600           X/Y/Z axis         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)         20/20/15         24/24/20         20/20/15         20/20/15           X/Y/Z Max.rapid traverse         8000         8000         8000         8000           Max.speed of spindle (r/min)         BT40         BT40         BT40         BT40           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         5-18*90         5-18*90         5-18*90           Vorbench T slot(mm)         3-18*105         3-18*125         5-18*90         5-18*90           Slot(mm)         Max.tool length(kg)         7 <td></td> <td></td> <td></td> <td></td> <td></td>							
X/Y/Z axis travel(mm)							
travel(mm)         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           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         Two linear one hard guide         Linear guide hard guide         Linear guide hard guide         Linear guide hard guide           Worbench T slot(mm)         3-18*105         3-18*125         5-18*90         5-18*90           Slot(mm)         Repeat ±0.004         ±0.004         ±0.004         ±0.004           Accuracy(mm)         7         8         8           Max.tool length(mm)         250/300         250/300         250/300           Electric							
Diatance between spindle center and column guide surface(mm)	travel(mm)						
spindle center and column guide surface(mm)         100-600         140-740         140-740           Diatance between spindle face and worktable face(mm)         10000         10000         140-740         140-740           X/Y/Z Max.feed speed(mm/min)         10000         10000         10000         10000         10000           X/Y/Z Max.rapid traverse         20/20/15         24/24/20         20/20/15         20/20/15         20/20/15           Max.speed of spindle(r/min)         8000         8000         8000         8000         8000           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 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 length(kg)         7         7         8         8           Max.tool length(mm)         250/300         250/300         250/300         250/300		419	476	560	560		
column guide surface(mm)         100-600         100-600         140-740         140-740           Diatance between spindle face and worktable face(mm)         10000         10000         10000         10000           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 hard guide         Linear guide hard guide         Linear guide hard guide         Linear guide hard guide           Worbench T slot(mm)         3-18*105         3-18*125         5-18*90         5-18*90           Sepeat accuracy(mm)         ±0.004         ±0.004         ±0.004         ±0.004           Max.tool length(mm)         250/300         250/300         250/300 <td></td> <td></td> <td></td> <td></td> <td></td>							
surface(mm)         Diatance between spindle face and worktable face (mm)         100-600         140-740         140-740         140-740           X/Y/Z Max.feed speed(mm/min)         10000         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           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         Vinear guide         Linear guide         Linear 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         250/300         250/300         250/300         250/300           <							
spindle face and worktable face(mm)         10000							
worktable face(mm)         decement         10000         10000         10000           X/Y/Z Max.feed speed(mm/min)         20/20/15         24/24/20         20/20/15         20/20/15           X/Y/Z Max.rapid traverse         8000         8000         8000         8000         8000           Max.speed of spindle(r/min)         8000         8000         8000         8000         8000           Spindle taper hole(type)         BT40         BT40         BT40         BT40         BT40           Spindle motor(kw)         3.7/5.5         5.5/7.5         7.5/11         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         Connection         Einear guide         Linear guide         Linear guide           X/Y/Z Guide way type         Linear guide         Two linear one hard guide         Linear guide         5-18*90           Worbench T slot(mm)         3-18*105         3-18*125         5-18*90         5-18*90           Max.tool wight(kg)         7         7         8         8           Max.tool length(mm)         250/300         250/300         250/300           Electric	Diatance between	100-600	100-600	140-740	140-740		
face(mm)         X/Y/Z Max.feed         10000         10000         10000           speed(mm/min)         20/20/15         24/24/20         20/20/15         20/20/15           X/Y/Z Max.rapid traverse         8000         8000         8000         8000           Max.speed of spindle(r/min)         BT40         BT40         BT40         BT40           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         Direct connection         Linear guide         Linear guide         Linear guide           X/Y/Z Guide way type         Linear guide         Two linear one hard guide         Linear guide         Linear guide         Linear guide           Worbench T slot(mm)         3-18*105         3-18*125         5-18*90         5-18*90           Mexitool wight(kg)         7         7         8         8           Max.tool length(mm)         250/300         250/300         250/300           Electric         10         10         11	spindle face and						
X/Y/Z Max.feed speed(mm/min)   10000   10000   10000   10000   10000	worktable						
speed(mm/min)         Z4/24/20         20/20/15         20/20/15           X/Y/Z Max.rapid traverse         8000         8000         8000         8000           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           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*125         5-18*90         5-18*90           Repeat accuracy(mm)         ±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         10         10         11         11         11	face(mm)						
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         Elnear guide         Linear guide         Linear 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         10         10         11         11	X/Y/Z Max.feed	10000	10000	10000	10000		
traverse         Max.speed of spindle(r/min)         8000							
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           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         10         10         11         11	X/Y/Z Max.rapid	20/20/15	24/24/20	20/20/15	20/20/15		
spindle(r/min)         BT40							
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         Linear guide         Linear 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 ength(mm)         250/300         250/300         250/300         250/300           Electric         10         10         11         11		8000	8000	8000	8000		
hole(type)         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 ength(mm)         250/300         250/300         250/300         250/300           Electric         10         10         11         11							
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         Linear guide         Linear guide         Linear guide           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         10         10         11         11		BT40	BT40	BT40	BT40		
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         Linear guide         Linear guide <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>							
motor(kw)         Direct connection           X/Y/Z motor connection         Direct connection           X/Y/Z Guide way type         Linear guide         Linear guide         Linear guide           Worbench T slot(mm)         3-18*105         3-18*125         5-18*90         5-18*90           Repeat ±0.004 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         10         10         11         11							
X/Y/Z motor connection           X/Y/Z Guide way type         Linear guide		1.0/1.0/1.5	1.0/1.0/1.5	1.0/1.0/2.0	1.0/1.0/2.0		
connection           X/Y/Z Guide way type         Linear guide         Linear							
X/Y/Z Guide way type         Linear guide hard guide         Linear guide hard guide         Linear guide hard guide         Linear guide 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         10         10         11         11		Direct connection					
type         hard 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 ength(mm)         250/300         250/300         250/300         250/300           Electric         10         10         11         11				1			
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 ength(mm)       250/300       250/300       250/300       250/300         Electric       10       10       11       11	,	Linear guide		Linear guide	Linear guide		
slot(mm)         Loung and the state of the state o	type		hard guide				
slot(mm)         Loung and the state of the state o	Worbench T	3-18*105	3-18*125	5-18*90	5-18*90		
Repeat accuracy(mm)         ±0.004							
accuracy(mm)         8         8           Max.tool wight(kg)         7         7         8         8           Max.tool length(mm)         250/300         250/300         250/300         250/300           Electric         10         10         11         11		±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         Electric       10       10       11       11							
Max.tool length(mm)         250/300         250/300         250/300         250/300           Electric         10         10         11         11		7	7	8	8		
length(mm)         Include the state of the state o		250/300	250/300	250/300	250/300		
Electric 10 10 11 11	length(mm)						
capacity(kVA)		10	10	11	11		
	capacity(kVA)						

Weight (kg)	3000	4500	5700	6000
Dimension(L*W*H	2100*1950*22	2300*2200*24	2700*2400*27	2920*2400*27
mm)	00	00	00	00

#### **Company Introduction**

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. With 14 years experience for lathe machines, we have export our products to Peru, Brazil, Chile, Mexico, Italy, Indonesia, Sri Lanka, Russia, and Uzbekistan.ect.

Our company attaches 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.

## **Related Products**

#### **Our Services**

#### **Our Services**

We can provides 7x24-hour online pre-sale service, engineer follow-up order service, and logistics delivery operation service. And also we can provide installation services. In addition, with more than 10 years experience of various markets, we can help customers successfully complete a series of services from purchasing to goods Customs clearance, thereby saving times and also reducing customers' costs in all aspects.

#### Our advantage:

- 1: With CE, ISO certification.
- 2: Full production tracking.
- 3: Professional engineers can guarantee the highest quality.
- 4: More suppliers as alternatives, guarantee your lowest and competitive price.
- 5; Sales fstaff with more than 10 years experience, will answer your pre-sales and after-sales questions.
- 6: OEM production is available, to meet customer needs
- 7. Low MOQ (1 unit) is available.
- 8. 24 hours technical support.

## Warranty period:

During warranty period (one year), if you have any parts broken because of qulity problem,we will supply to you free of charge by express.

Out of warranty period, if you have any question, you can contact us, we will supply our best service to you as usual.

- 1. Technical support online service provided.
- 2. Technical files service provided.
- 3. Machine operation video provided
- 4. On-site training service provided.
- 5. Spare parts replacement and repair service provided.
- 6. All of the questions will be replied within 24 hours

#### Contact

## Welcome to contact!!



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