

## Large Cnc Horizontal Milling Boring Machine Auto Tool Change Machine For Plane Milling

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: BAISHUN MACHINERY
- Certification: ISO
- Model Number: TK6913
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: 1. Outside we will pack the product with plastic to prevent wet. 2. Outside of the machine will be packed by strong wooden pallet. 3. If there requirement of the package, we can customized based on the detail requirement.
- Delivery Time: 4 month
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 10 Set/Sets per Month



#### Product Specification

- Product Name: Large Cnc Horizontal Milling Boring Machine Auto Tool Change Machine
- Type: TK6913
- Spindle Bore: 130mm
- RAM Size: 380X420
- Table Loading Capacity: 10000kg-40000kg
- Function: Boring And Milling
- Max. Spindle Speed: 1500rpm(Op:3000)
- Color: Customization
- Highlight: Plane Milling Boring Machine, Auto Tool Change Milling Boring Machine, Large Cnc Horizontal Milling Boring Machine



#### More Images



## Product Description

Large Cnc Horizontal Milling Boring Machine Auto Tool Change Machine For Plane Milling



TK69 CNC floor boring and milling machine is a key CNC processing equipment for heavy machinery, engineering machinery, locomotives and rolling stock, mining equipment, large motors, hydraulic turbines, steam turbines, ships, steel, military industry, nuclear power, wind power, large environmental protection equipment and other industries. This machine tool has the characteristics of good rigidity, high precision, strong reliability, easy operation, beautiful appearance, etc. Especially when used in conjunction with a variety of special accessories (universal head, vertical milling head, extension milling head, high-speed head, flat rotary disc, etc.), it can further expand the application range of machine tools. In addition, The machine tool can also carry out a variety of modular products such as X-direction (2 meters is a progressive specification) and Y-direction (0.5 meters is a progressive specification) stroke expansion according to user needs to meet different process requirements. " The color of the overall appearance drawing of the machine tool shall be implemented according to the color required.

This machine tool adopts a floor-standing layout with column movement and side-hung headstock.

**The main motion of the machine tool is the rotary motion of the main shaft.**

The eight linear motion coordinate axes of the machine tool are:

- Column lateral movement (X coordinate axis);
- The headstock moves vertically up and down (Y coordinate axis);
- Axial movement of the ram (Z coordinate axis);
- Axial movement of boring shaft (W coordinate axis);
- The table moves linearly (V-axis);
- Table rotation (B axis)



# Product Details Display

01

COMFORT  
VENTILATION

## MACHINE BED

The machine bed is built of resin, wood former with reasonable structure and rigidity.

BAI SHUN  
CASTING CO., LTD.  
ADDRESS: NO. 100, WUJIANG ROAD, WUJIANG TOWNSHIP, WUJIANG DISTRICT, WUJIANG CITY, JIANGSU PROVINCE, CHINA



02

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## ROTARY TABLE

We build different models of rotary tables according to the difference of loading capacity, size of table and customer's requests.

BAI SHUN  
CASTING CO., LTD.  
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03

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## COLUMN

Most of high quality castings, resin and wood former are in a double-frame structure, the column is of sufficient





rigidity that allows the smooth movement of spindle box vertically.



04

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## CONTROL SYSTEM

The equipment  
equipped with  
Siemens Sinumerik One  
/FANUC 31i system  
(can be customized  
for customers)



**TK69** CNC Floor type boring and milling lathe machine:

Item	Unit	TK6913	TK6916	TK6920	TK6926
Spindle diameter	mm	130	160	200	260
Spindle taper	ISO	50	50	60	60
Max. spindle speed	rpm	1500(Op:3000)	1200(Op:2000)	1000(Op:2000)	1000O(op:1500)
Motor power-Servo	KW	30	55	75	110
Total travel of boring spindle and ram	mm	1500	2400	2400	3200
Size of ram section	mm	380*420	480*520	480*520	620*740
Travel of column - X axis	mm	4000(op:5-15m)	6000(op:7-20m)	6000(op:7-20m)	8000(op:9-20m)
Vertical travel of spindle head-Y axis	mm	2000(op: 3m)	3000(op: 4m, 5m)	3000(op: 4m, 5m)	3000(op: 4m, 5m)
Longitude travel of cloumn-Z axis	mm	700	1200	1200	1600
Axial travel of boring spindle-W axis	mm	800	1200	1200	1600
B axis totation degree	°	360			
Tool magazine	pcs	40/60	40/60	40/60	40/60
Worktable size	mm	1200*1400, 1400*1600, 1600*1800, 1800*2000, 2000*2500, 2500*3000, 3000*3500, 3500*4000, 4000*4500, 4500*5000(can be customized)			
CNC System		SIEMENS / FANUC (can supply based on customers' requirement)			

**TK68 CNC Planer type boring and milling machine:**

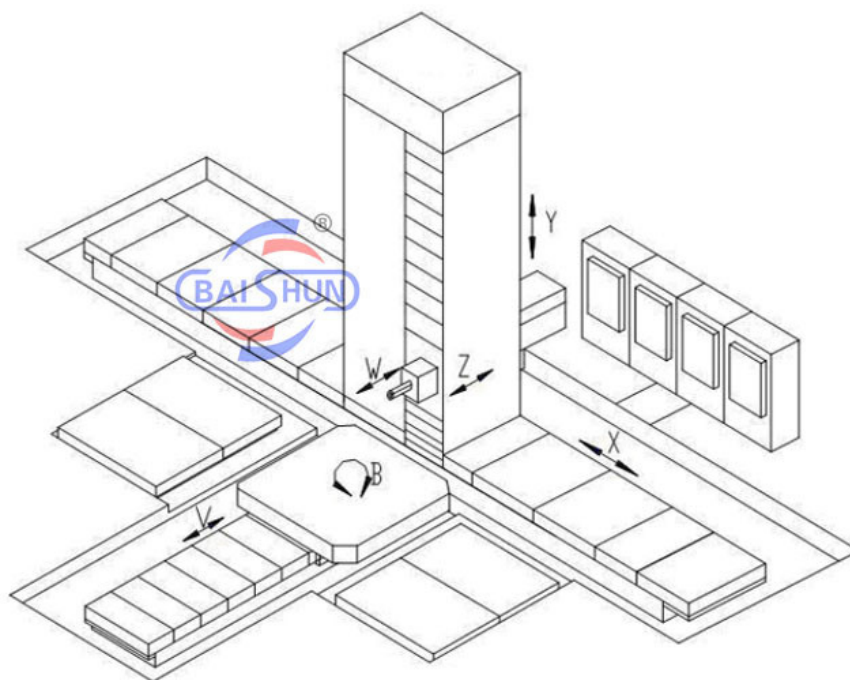
Item	Unit	TK6813	TK6816
Spindle diameter	mm	130	160
Spindle taper		ISO 50	ISO 50
Max. spindle speed	rpm	2-1500	2-1000
Motor power-Servo	KW	22/30	30/40
Table loading capacity	Kg	10000-40000	20000-60000
Table size	mm	1400*1600 1600*1800 1800*2000 2000*2500	1400*1600 1600*1800 1800*2000 2000*2500 2500*3000
Cross travel of table -X axis	mm	3000(op: 4m, 5m)	4000(op: 4m,5m)
Vertical travel of spindle head stock-Y axis	mm	2000(op: 3m, 4m)	2000(op: 3m, 4m)
Longitude travel of spindle-Z axis	mm	700	1000
Travel of column-V axis	mm	1600	2000
Table rotary indexing-B axis	°	360	360
Travel speed of table X	mm/m in	0.5-6000	0.5-6000
Tool magazine	pcs	40/60	40/60

**TK65 CNC Planer type boring and milling machine:**

Item	Unit	TK6511	TK6513	TK6516
Spindle diameter	mm	110	130	160
Spindle taper		ISO 50	ISO 50	ISO 50
Max. spindle speed	rpm	10-2000	2-2000	2-1500
Motor power-Servo	KW	17/22.5	22/30	30/40
Table loading capacity	Kg	6000	10000	20000
Table size	mm	1200*1400 1400*1600	1400*1600 1600*1800	1400*1600 1600*1800 1800*2000
Cross travel of table -X axis	mm	2000(op: 3m, 4m)	2000(op: 4m, 5m)	2500(op: 4m, 5m)
Vertical travel of spindle head stock-Y axis	mm	1500(op: 2m, 3m)	2000(op: 3m, 4m)	2000(op: 3m, 4m)
Longitude travel of spindle-Z axis	mm	600	800	1000
Travel of column-V axis	mm	1200	1600	1600
Table rotary indexing-B axis	°	360	360	360
Travel speed of table X	mm/m in	5000	0.5-6000	0.5-6000
Tool magazine	pcs	40/60	40/60	40/60

**TK61 CNC Table type Horizontal boring and milling lathe machine:**

Item	Unit	TK6111	TK6113
Table size	mm	1250*1400	1400*1600
Spindle diameter	mm	110	130
X Travel	mm	1800-2000	1800-2000
Y Travel	mm	1200-1600	1200-1600
Z Travel	mm	1200-1600	1200-2000
W Travel	mm	600	800
T Slot	mm(W*Distance)	22*125	22*125
Max.loading capacity	KG	5000	8000
Max.boring dia.	mm	240/250	300
Rapid moving speed	Mm/min	3000	3000
CNC System	mm	SIEMENS / FANUC	
Positioning accuracy(X/Y/Z axis)	mm	0.03/0.03/0.03	0.03/0.03/0.03
Machine size	mm	6300*3900*3700	6500*4200*3900
Machine weight	KG	25000	32000



**Henan Baishun Machinery Equipment Co., Ltd** is a leading expert in manufacturing top-of-the-line CNC floor-type, planer-type, and gantry-type boring-milling machines. Our advanced machinery serves industries worldwide, including nuclear power, wind energy, hydropower, and forging and processing equipment, among others.



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Dedicated to excellence, we leverage our industry expertise and resources to specialize in the development and innovation of boring machines. Our commitment to research and development has positioned us as leaders in designing, developing, and manufacturing CNC and digital readout boring machines. We proudly hold ISO9001 quality certification and European quality standards, ensuring that our products meet the highest international benchmarks.

Experience the precision and reliability of Henan Baishun's machinery, where cutting-edge technology meets unparalleled expertise.

## EXHIBITIONS & REAL APPLICATION FROM FOREIGN CLIENT



United Kindon



Mexico



Macedonia



Malaysia



Chile



Holland



Saudi Arabia



Italy



Philippines

REAL SHOOTING

## PRODUCTION WORKSHOP

CAREFUL AND RIGOROUS. PRECISE ASSEMBLY. EVERY PLACE IS DELICA  
TEEVERY SILK IS OUR DEDICATED EFFORT.





## FAQ

### 1. How can I select the ideal machine for my needs?

**A:** Choose the perfect model yourself, or simply share your specifications with us, and we'll recommend the best fit. You can also send us your product drawings, and our experts will select the most suitable machine for you.

### 2. What is the delivery timeframe?

**A:** Delivery times vary based on the machine and model selected, typically ranging from 3 to 5 months. For precise delivery details, feel free to contact us directly. Our state-of-the-art manufacturing facility ensures high-quality production with a global market focus.

### 3. Do you offer quality assurance and comprehensive after-sales support?

**A:** Absolutely! Our machines come with a 12-month warranty, and we offer on-site installation if needed. We also provide commissioning, technical guidance, and ongoing after-sales maintenance support.

### 4. What are the payment terms?

**A:** We require a 30% down payment upon order, with the remaining 70% due before shipment.

### 5. What is the minimum order quantity (MOQ)?

**A:** The MOQ is 1 set, though some lower-cost machines may have a higher MOQ.

### 6. Can you elaborate on the warranty?

**A:** Our machines are backed by a 12-month warranty. We offer on-site installation, commissioning, technical guidance, and after-sales support to ensure your satisfaction.

### 7. If I encounter setup or operational issues, can I get assistance?

**A:** Yes! We provide video technical support and online service, with responses available within 24 hours to help resolve any issues you may face.

**We are a direct-sale machine manufacturer, not a trading company,  
which means we can offer you high quality product with the best prices.**

**Welcome get in touch with us:)**

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