



## High Rigid TK6513 Floor Type Horizontal Cnc Boring And Milling Machine

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: BAISHUN MACHINERY
- Certification: ISO
- Model Number: TK6920
- Minimum Order Quantity: 1 set
- Price: USD99000/Set
- 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: 3 month
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 30 Set/Sets per Month



### Product Specification

- Product Name: Horizontal CNC Boring And Milling Machine
- Type: TK6920
- Spindle Taper: ISO50
- Spindle Diameter: 200mm
- Z/Y/Z Travel: 6000/3000/1200mm
- Spindle Speed: 1200r/min
- Function: Boring And Milling
- Key Words: Boring And Milling Machine
- Worktable Size: Customize Accepted
- CNC Controller: Siemens/Fanuc



### More Images



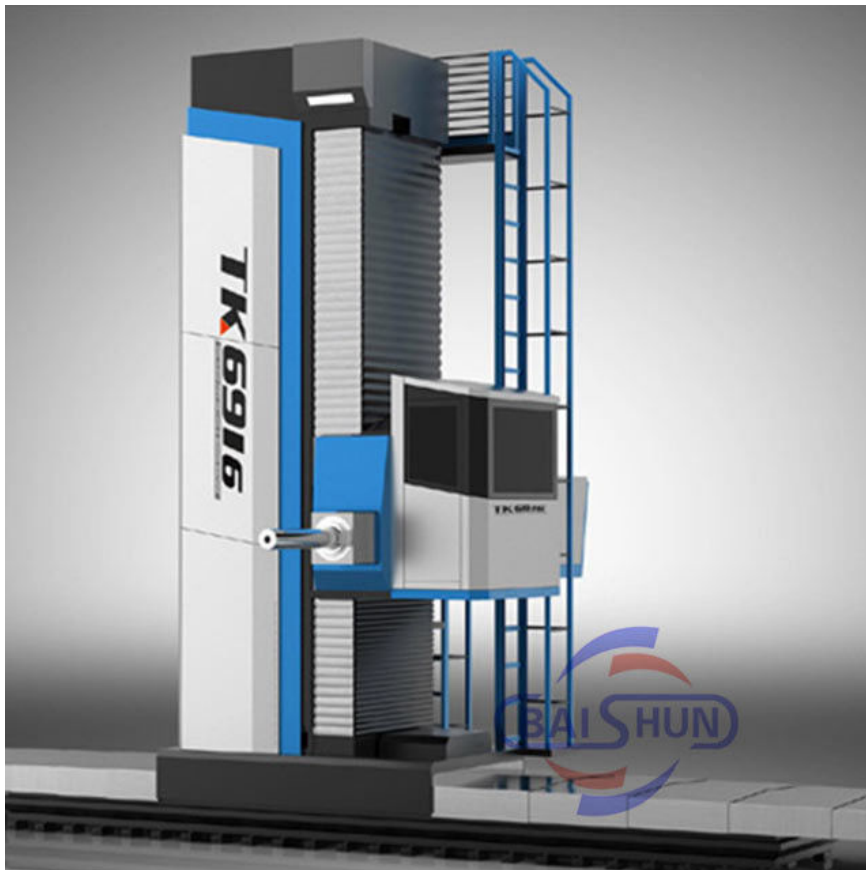
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## Product Description

### High Rigid TK6513 Floor Type Horizontal Cnc Boring And Milling Machine

#### CNC Floor Type Horizontal boring and milling machine

The CNC Horizontal boring and milling machine are design with large torque, high efficiency, high rigidity and advanced technologies. Per user's requests, the machines can match with different controllers, different precision requirements, different sizes of tables to form different models of boring machines. This series of boring mills are suitable for machining large, medium sized box shape, frame structure or mould parts, and can perform milling, boring, drilling, winching, tapping etc after one clamping. The machines controls 7 axes with 4 axes simultaneous and allows circular interpolation and 3-D curved surface machining. Equipped with milling head, face plates and other devices, the series of machines have enlarged machining capabilities. The spindle has cooling case to limit the heat in spindle.





Right Angle Milling Head



Universal Milling Head



Face Plate



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

The surface of the table can be either rectangular or square, or round.

The rotary tables can be used with either floor type or planer type boring mills. And the linear strokes of the table differ with different machine, loading capacity and table size.



# Product Details Display

01

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## MACHINE BED

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

BAI SHUN  
CASTING MACHINERY CO., LTD.  
WWW.BAISHUNCNC.COM



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.

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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.



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## CONTROL SYSTEM

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

## EXHIBITIONS & REAL APPLICATION FROM FOREIGN CLIENT



United Kindon



Mexico



Macedonia



Malaysia



Chile



Holland



Saudi Arabia



Italy



Philippines

Technical Specification:

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)			

#### Machine bed:

The machine bed is built of resin.wood former with reasonable structure and rigidity. It guarantees a sound base and the steadiness of the machine and the stability of column in motion on the bed.there are top quality imported ground hard dent surface racks on the bed, two preload gears co-drive ensures the accuracy of X axis.

#### Sliding carriage

Built with top quality castings. Resin and wood former, the sliding carriage possesses sufficient intensity. It connects to the machine bed with two wide guide ways. The single guide way serves as main positioning with support from double guide ways to maintain the stability and linearity of column in motion on machine bed.

#### Column

It is made of high quality casting resin and wood former in a double frame structure, the column is of sufficient rigidity that allows the smooth movement of spindle box vertically. Mosaic type counter weight balance rails are built inside the column to ensure the stability of the counterweight's vertical movements, thus to ensure the high precision of the machine. The two ground rails in front of the column check the position of spindle box and ensure the steadiness of the spindle's vertical movements. The column is equipped with preload precision double nut ball screws and servo motor drives the vertical travels of the spindle box.

#### Control unit

The operation booth is built with the spindle box, the control unit in the booth fore easy operation . Rota table control panel and the handset unit that allows long distance operation makes the operation simple and efficient.



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