



Large Spindle Bore Table Boring And Milling Machine With Universal Dividing Head

Our Product Introduction

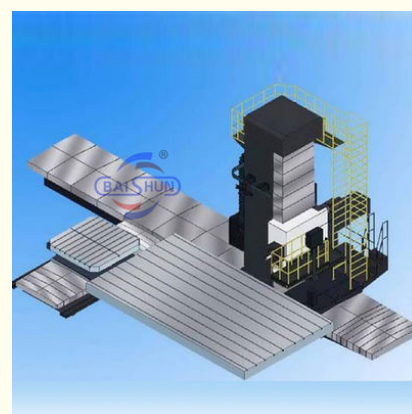
Basic Information

- 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 Spindle Bore Table Boring And Milling Machine With Universal Dividing Head
- 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: Table Boring And Milling Machine,
Large Spindle Boring And Milling Machine



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Product Description

Large Spindle Bore Table Boring And Milling Machine With Universal Dividing Head

Basic large parts: Basic large parts such as the bed, columns, and slide seats are all made of high-quality cast iron parts. The ram large parts of the machine tool are ductile iron parts with high mechanical load characteristics. FEM finite element analysis is used to have extremely high rigidity. Rigidity. Large parts have high rigidity and stability after two aging treatments; The bed body has a closed box structure, and reinforcing ribs are arranged to reasonably distribute multi-point supports, so that the machine tool has sufficient stiffness; The column is a large-section double-wall design, with reinforcing ribs distributed vertically and horizontally, which has sufficient bending and torsional strength.

The machine tool is a square ram mobile CNC floor milling and boring machine, and the spindle is arranged horizontally. The square ram moves horizontally in the closed square hole of the spindle box; The milling shaft is installed in the square ram to drive the boring shaft to rotate, and the boring shaft can move in the axial direction in the milling shaft. The main components are column, bed, slide and headstock head.

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
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MACHINE BED

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





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.

03

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COLUMN

Most of high quality castings, resin and wool 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 /FANVC 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)	1000(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:

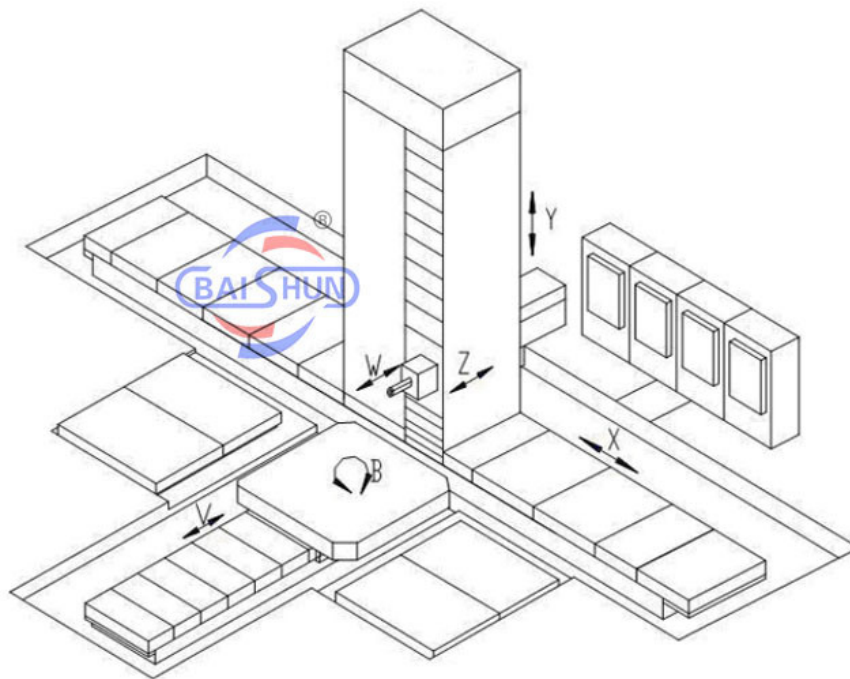
Item	Unit	TK6813	TK6816
Spindle diameter	mm	130	160
Spindle taper		ISO 50	ISO 50
Max. spindle speed	rpm	2-1500	2-1000
Motor power-Servo	KW	22/30	30/40
Table loading capacity	Kg	10000-40000	20000-60000
Table size	mm	1400*1600 1600*1800 1800*2000 2000*2500	1400*1600 1600*1800 1800*2000 2000*2500 2500*3000
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





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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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