



High Performance Cnc Horizontal Boring And Milling Machine For Industrial Big Travel Deep Hole Drilling Machine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BAISHUN MACHINERY
- Certification: ISO
- Model Number: TK6913
- Minimum Order Quantity: 1 set
- Price: USD83000/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: 4 month
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 10 Set/Sets per Month



Product Specification

- Product Name: Cnc Horizontal Boring And Milling Machine For Industrial Big Travel Deep Hole Drilling 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: Cnc Horizontal Boring And Milling Machine, Industrial Horizontal Boring And Milling Machine



More Images





Product Description

High Performance Cnc Horizontal Boring And Milling Machine For Industrial Big Travel Deep Hole Drilling Machine

This line of machine tools features square rams, offering superior performance and a versatile array of processing capabilities. Users can choose from various specialized milling heads, enabling the completion of drilling, reaming, boring, grooving, and planar milling of medium to large parts in a single setup.

The machine base is designed in a T-shape, providing high rigidity and multiple support points. It includes compound guide rails with load-relief mechanisms and robust roller linear guideways.

The spindle box is fully enclosed, and the Y-axis includes a rotating nut for strokes greater than 2000mm. Each feed axis is powered by high-precision, preloaded double-nut ball screw pairs. The main drive system and square slide operate synchronously, delivering high speed, low noise, and substantial torque. The counterweight balance system utilizes imported wire ropes and features an advanced, unique balance suspension point.

The machine incorporates a double-layer column design with fully ground bed column guide rails. The square slide is enclosed on all sides and includes an internal compensation mechanism. It is equipped with a large rotary table, a ground large diameter slewing gear ring, and a hydraulic brake for slewing. The slewing mechanism employs a double-gear driven gear ring with options for backlash elimination through either dual motors and gears or a single motor with dual gears. This setup allows for 360-degree arbitrary angle indexing.

Additional features include the capability to integrate a coolant system through the spindle, a high-pressure unit, an automatic tool magazine for tool changes, and options for automatic grabbing and indexing accessory heads.



Product Details Display

01

COMFORT
VENTILATION

MACHINE BED

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

BAI SHUN MACHINERY CO., LTD.
CHINA



02

COMFORT
VENTILATION

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 MACHINERY CO., LTD.
CHINA



03

COMFORT
VENTILATION

COLUMN

Most of high quality castings, resin and wool former are in a double



former are in a double-frame structure, the column is of sufficient rigidity that allows the smooth movement of spindle box vertically.



04

COMFORT
VENTILATION

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)			

Structural performance

The machine tool has enough power and rigidity to meet the requirements of powerful milling: it has three feeds of X, Y, and W. The feeds in the X and Y directions have digital displays and clamping devices. It is a kind of excellent performance and process range. A wide range of advanced equipment with high precision and high production efficiency can completely replace

process range. A wide range of advanced equipment with high precision and high production efficiency can completely replace planer and floor boring machines; this machine tool can complete drilling, reaming, boring, groove cutting and plane milling in one clamping. In addition, it can also perform High-precision hole processing; it is an indispensable processing equipment for heavy machinery, construction machinery, rolling stock, mining equipment, large motors, water turbines, steam turbines, ships, steel, military and other industrial sectors.

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
TTEVERY 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 2 to 4 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:
Tel:+86 18003851898**



Henan Baishun Machinery Equipment Co., Ltd.



+8618939515188



sale@goodlathe.com



lathemach.com

No.65, Tianming Road, Jinshui District, Zhengzhou City, Henan Province, China