



CNC Boring Milling Machining Torno Lathe Gantry Type Horizontal Planer Type

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BAISHUN MACHINERY
- Certification: ISO
- Model Number: TK6513
- Minimum Order Quantity: 1 set
- Price: USD105000/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: CNC Boring Milling Machining Torno Lathe
- Type: TK6513
- Spindle Bore: 130mm
- Table Size: 1600*1800mm
- Max.travel Speed Of Table: 6000mm/min
- Function: Boring And Milling
- Application: Metal Machining
- Color: White And Blue
- CNC Controller: Siemens
- Packing: Export Standard
- Highlight: CNC Machining Torno Lathe, CNC Boring Torno Lathe



More Images



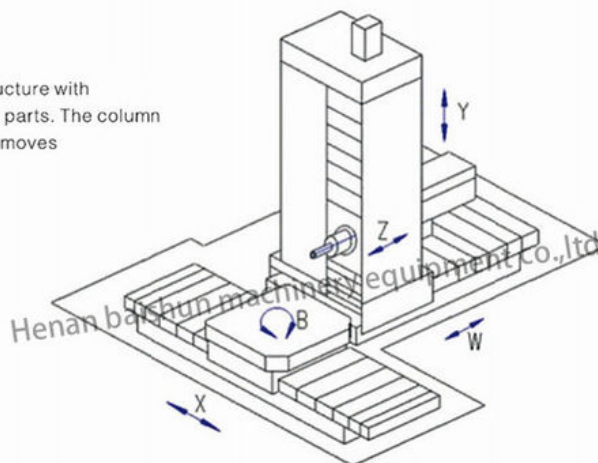
Product Description

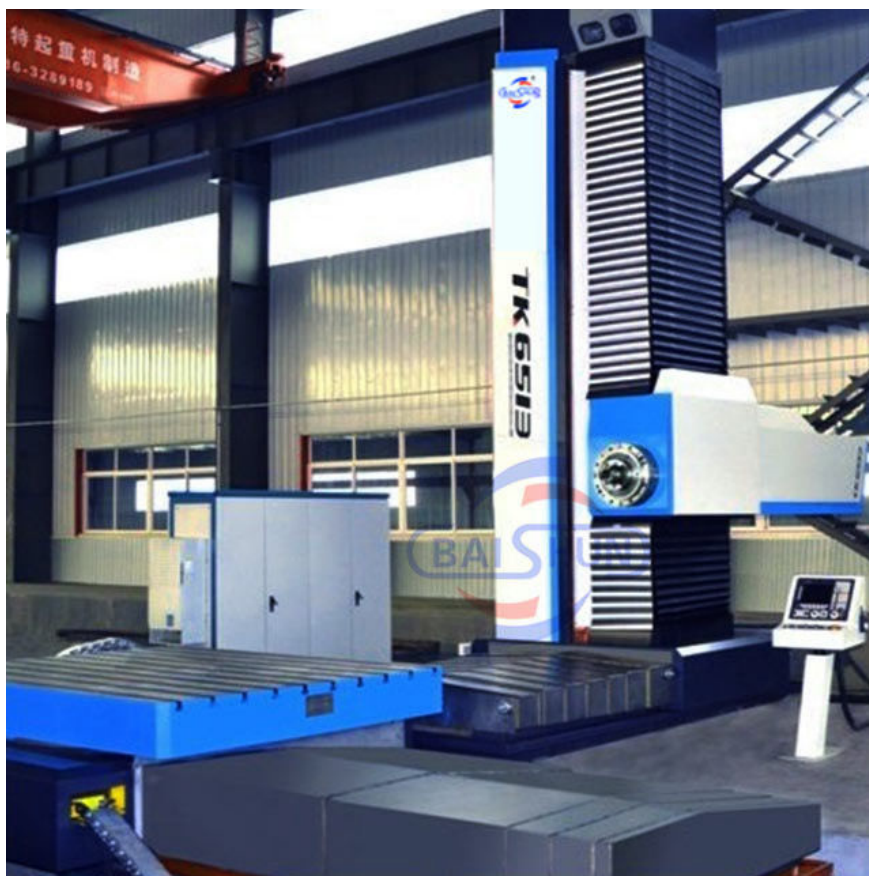
Gantry Type Cnc Horizontal Planer Type CNC Boring Milling Machining Torno Lathe CNC planer type boring and milling

The CNC planer type boring and milling lathe are machines 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.



The machine is of a T shape structure with horizontal and vertical machine parts. The column moves vertically and worktable moves horizontally.







Technical Specification

| 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/min | 5000 | 0.5-6000 | 0.5-6000 |
| Tool magazine | pcs | 40/60 | 40/60 | 40/60 |

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.

Spindle box

Built with high quality resin, wood former and box structure design.



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