



## Multi Spindle Slant Bed CNC Lathe Machine 2 Axis 500mm 8 Tool Station Turret

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: BAISHUN
- Model Number: TCK50
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Export standard wooden case package
- Delivery Time: 30-35 work days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 50 Set per Month



### Product Specification

- Max. Weight Of Workpiece: 500KG
- Max. Length Of Workpiece: 500mm
- Max. Spindle Speed: 4500 R.p.m
- Spindle Motor Power: 15/11kW
- Positioning Accuracy:  $\pm 0.005\text{mm}$
- Product Name: Slant Bed CNC Lathe Machine
- Rapid Feed Rate: X/Z: 10/12m/min
- Repeatability Accuracy:  $\pm 0.003\text{mm}$
- Spindle Bore: 80mm
- Max.Swing Over Bed: 500
- Applicable Industries: Manufacturing Plant
- Tailstock Quill Taper: MT4
- Tailstock Quill Travel: 100mm
- Tool Post Stations: 8
- X/Z Axis Travel: 200/ 550mm



### More Images



## Product Description

### TCK50 Slant bed cnc lathe

**Multi Spindle 2 axis 500mm Lathes CNC Slant Bed Lathe** is a high-quality product designed and produced in accordance with the market and development needs based on the experience of our factory in designing horizontal CNC horizontal lathes for many years. The maximum machining diameter of the machine tool is  $\phi 360\text{mm}$ , and the maximum machining length is 500mm. The newly designed mainframe structure and reliable assembly process make the TCK50 series machine tools fully upgraded. With stable and reliable product performance and innovative ergonomic design, the TCK50 series It will undoubtedly become a leader in the industry. This machine tool can process shaft and disc parts, turn threads, arcs, cones, and inner and outer surfaces of revolving bodies. In the design, the rigidity of the main shaft, bed, tailstock and other components is reasonably matched, which greatly improves the rigidity of the whole machine and ensures the stability during heavy cutting. Therefore, the machining accuracy of the outer circle of this machine tool can reach IT6~IT7 level. As a general-purpose machine tool, it is especially suitable for high-efficiency, large-scale, and high-precision machining of rotating body parts in industries such as automobiles, motors, bearings, and hydraulics.

### Product Parameters

Item		Unit	Specification	note
Slant bed degree		°	30°	
swing over bed		mm	500	
Maximum cutting length		mm	500	
Maximum cutting diameter		mm	360	
Maximum turning diameter on slide plate		mm	300	
Standard cutting diameter		mm	240	
spindle nose form and code			A2-6	A2-8 is optional
Diameter of spindle hole		mm	65	80
Maximum bar diameter		mm	50	70
Single spindle headstock	Spindle speed range/ Maximum output torque of spindle	r/min/N m	50 4500/177	GSK988TA
Output power of main motor	30min/continuity	kW	15/11	ZJY265A-11AM-B5
Standard chuck	Chuck diameter	inch	8 <sup>2</sup>	10 / 12 inch optional
X-axis fast moving speed		m/min	30	Ball linear guideway
Z-axis fast moving speed		m/min	30	Ball linear guideway
X-axis travel		mm	200	
Z-axis travel		mm	550	
Standard tool holder form			Horizontal 8 station	12 station / serve optional
tailstock travel		mm	450	
Tailstock sleeve travel		mm	100	
Taper of tailstock sleeve		Morse	5#	
Tool size	External circular knife	mm	25×25	
	Boring blade diameter	mm	$\phi 40/\phi 32/\phi 25/\phi 20$	
The cutter head selects the tool nearby			yes	
Machine weight	Total weight	kg	3800	
maximum safe load	Disk workpiece	kg	200	(Including chuck and other machine tool accessories)

	Shaft workpiece	kg	500	
dimension of machine tool	(length * width * height)	mm	2300×1700×1930	Size not include chip conveyor

## CNC SYSTEM



SYNTEC 22MA



FANUC



SIEMENS



HNC808DM

## Main Configuration



8-station servo hydraulic tool



A2-5 5000 rpm spindle



KND Control system



Hydraulic chuck



Ball screw and line track



A convex and a flat tailstock design

## Assembly Process and Quality Control



Each contact surface of the workpiece is manually scraped to ensure the precision of the machine.



Line guide rail installation, using code meter accuracy test.



Installation details of inclined track



Screw installation process



Screw installation process



Electrical system configuration box



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