



## High Precision Cast Steel Heavy Duty Turning Rolls CNC Roll Turning Lathe Machine

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: BAISHUN
- Certification: CE ISO
- Model Number: CK8450
- 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

- Product Name: CNC Roll Turning Lathe Machine
- Model: CK8450
- Max. Swing Diameter: 500mm
- Max. Turning Length: 2500mm
- Function: Roll Turning
- Main Motor Power: 22KW
- Application: Metal Works
- CNC System: SIEMENS
- Machine Weight: 8500KG
- Key Words: CNC Roll Turning Lathe
- Highlight: **CNC Roll Turning Lathe Machine,  
High Precision Roll Turning Lathe Machine,  
Cast Steel Roll Turning Lathe Machine**



### More Images



## Product Description

### High Precision Cast Steel Heavy Duty Turning Rolls CNC Roll Turning Lathe Machine

#### Product Description

This series Professional Roll Turning CNC Lathe Machine can utilize high-speed steel and carbide cutting tools to finish rough or finish turning process for not only the non-ferrous metals like various structure steels, casting steels and irons, but also the external/internal cylindrical / conical/ spherical surfaces, thread of non-metal materials and all kinds of the surface of curve rotary body.

The machine bed of this machine adopts rectangular guide rails, which has strong load-bearing capacity, good rigidity, and can withstand large cutting torque. The main transmission system is automatic stepless speed change, with a wide speed range. It is equipped with SIEMENS-828D CNC system, which is safe and reliable. The longitudinal and transverse tangential feeds are driven by servo motors and ball screws, forming a semi-closed loop. It is equipped with LCD display. The system has the characteristics of tool compensation, graphic display, fault diagnosis, and fast programming. The layout of this machine tool is compact and reasonable, and it is user-friendly. The saddle is bonded with high wear-resistant soft belt, which improves the service life and precision retention performance of the machine tool.

#### Main Features:

1. High rigidity and heavy duty lathe frame: It is made of HT300 cast iron and has three guideways.
2. High precision ball screw and NSK bearing
3. Siemens control system or other CNC system can be choosed.
4. It has functions of Milling and Turning, including screw thread, conical surface, curved surface, internal boring, etc.
5. This lathe adopts frequency control system as its main drive system
6. and the main spindle front bearing adopts high-precision double row cylindrical roller bearings, having high-degree of rigidity and rotary precision and easy to adjust.

#### Technical Specification

Item	CK8450	CK8465	CK8480
Max. workpiece diameter	500mm	650mm	800mm
Max. workpiece length	2500mm	3500mm	5000mm
Center height	350mm	470mm	550mm
Max. workpiece weight between centers	3500kg	7000kg	14000kg
Max. cutting force	20kn	40kn	50kn
Max. torque of faceplate	5kn.m	12kn.m	14kn.m
Spindle speed range	2-400r/min	3-315r/min	1.5-250r/min
Spindle speed series	Stepless	Stepless	Stepless
Spindle speed change mode	Hydraulic automatic	Hydraulic automatic	Hydraulic automatic
Table diameter	500mm	650mm	800mm
Feeding series	Stepless	Stepless	stepless
Longitudinal (z-axis) feed speed range	1-3000mm/min	1-3000mm/min	1-3000mm/min
Lateral (X-axis) feed speed range	1-2000mm/min	1-1500mm/min	1-2000mm/min
Travel of tail stock sleeve	150mm	150mm	300mm
AC variable frequency main motor (power)	22KW	37KW	55KW
Longitudinal (Z-axis) motor: torque	27N.m	36N.m	50N.m
Lateral (X-axis) motor: torque	10N.m	27N.m	27N.m







#### Advantages:

We can provides 7x24-hour online pre-sale service, engineer follow-up order service, and logistics delivery operation service, And also we can provide installation services. In addition, with more than 15 years experience of various markets, we can help customers successfully complete a series of services from purchasing to goods Customs clearance, thereby saving times and also reducing customers' costs in all aspects.

#### Our advantage:

1: With CE, ISO certification.

- 2: Full production tracking.
- 3: Professional engineers can guarantee the highest quality.
- 4: More suppliers as alternatives, guarantee your lowest and competitive price.
- 5: Sales staff with more than 10 years experience, will answer your pre-sales and after-sales questions.
- 6: OEM production is available, to meet customer needs
7. Low MOQ (1 unit) is available.
8. 24 hours technical support.

**Warranty period:**

During warranty period (one year), if you have any parts broken because of quality problem, we will supply to you free of charge by express.

Out of warranty period, if you have any question, you can contact us, we will supply our best service to you as usual.

1. Technical support online service provided .
2. Technical files service provided.
3. Machine operation video provided
4. On-site training service provided.
5. Spare parts replacement and repair service provided.
6. All of the questions will be replied within 24 hours

**Contact:**



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