



Automatic Roll Grinding CNC Heavy Turning Lathe Roll Turning Lathe

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: BAISHUN
- Certification: CE ISO
- Model Number: CA8463
- 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: Conventional Roll Turning Lathe Machine
- Model: CA8463
- Max. Swing Diameter: 630mm
- Max. Turning Length: 3500mm
- Function: Roll Turning
- Style: Horizontal
- Application: Metal Works
- Type: Conventional
- Machine Weight: 1400KG
- Color: Customized
- Highlight: Automatic Heavy Turning Lathe, roll turning lathe, CNC Heavy Turning Lathe



More Images



Product Description

Automatic Roll Grinding Horizontal Conventional Roll Turning lathe Machine

Product Description

This series of lathe is mainly used to undertake many kinds of turning work, such as turning end face, cylindrical, inner hole and metric thread, inch thread, modulus thread, diameter thread. Turn the taper with top slide, but also can use top slide and longitudinal feed combined driven to turn long taper. It can also be used for central hole drilling, boring and other processes. The machine has big power, strong rigidity, and can use carbide cutting tools for thread cutting and machining variety of ferrous metals and non-ferrous metals.

heavy duty automatic CNC roll turning lathe has the features of high precision, high rigidity and four guideways which is independently developed by our company according to the market trend. Mainly used for all kinds of mill roll processing, it is also suitable for turning the external&inner circular surface, cone, end face and threading of shaft, disc and other kinds of workpiece in mass production. Being high efficient, simple to operate, safe and reliable, it is widely used in steel, coal chemical industry, maintenance, automotive, petroleum, military and other industries for mechanical processing.

With its dual functions of turning and grinding, the roll turning lathe machine can complete the machining of a part in a single operation, reducing the need for multiple clamping and enhancing overall work efficiency for customers.

All components of machine are imported foreign famous brands, such as FANUC or SIMENS Control System/ Schneider Electrical Control system, Japanese Bearing, ABB Motor& transmission box/gear box, etc. We can also configure per customer's special request and demands. Our Engineers can design different configurations according to different workpieces characteristics.

- 1.) It has functions of Milling and Turning, including screw thread, conical surface, curved surface, internal boring, etc.
- 2.) This lathe adopts frequency control system as its main drive system; driven by frequency control motor, the speed of main-shaft realizes stepless speed regulating, thus having different speeds to meet rational cutting speed requirements for the machining of different type of work-piece.
- 3.) This lathe consists of lathe bed, selective headstock, tailstock, blade adapter, electric control system, lubrication system, and so on. Selective headstock and tailstock are installed at the left and right side of lathe bed respectively.
- 4.) The main shaft can realize stepless speed regulating in a range of 10~300r/min; 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.
- 5.) High Rigidity, Stability and Precision Maintenance: All castings are made of high-strength meehanite HT250. which is particularly suitable for heavy cutting. All large castings stand the test of annealing and vibration aging and internal stress is eliminated, so the overall precision is greatly enhanced and processed parts are found with high geometric accuracy.

Technical Specification

Main parameters	Unit	CK8450	CA8463	CA8480
Max.turning diameter	mm	500	630	800
Max. turning length	mm	2500	3500	4000
Center height	mm	320	380	550
Max. Weight of workpiece	kg	3500	6500	14000
Range of spindle speed	r/min	1-112	1-75	1-31.5
Number of spindle speeds		16	16	16
Max. Cutting force	KN	40	60	70
Max. Torque of face plate	KN.m	10	25	55
The tailstock sleeve travel	mm	150	200	300
Main motor power	kw	15	22	37
Overall dimensions	mm	5155X1368X1400	7100X1600X1550	9240x2280x1800
Machine weight	kg	7500	14000	28000







河南百顺机械设备有限公司
Henan Baishun Machinery Equipment Co., Ltd.



CK8450 数控轧辊车床
CNC ROLL TURNING LATHE



A Professional Roll Processing Equipment
Design and Manufacturing Enterprise



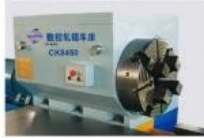
CK8450 数控轧辊车床

CNC ROLL TURNING LATHE

机床用途 Use of Machine Tool

本系列机床为数控轧辊车床，主要用于轧制、钢质和有色金属轧辊的半精车和精车加工，使用高碳钢、硬合金或硬质合金材料刀具可进行轧辊的外圆、端面和外圆复杂孔型加工。由重型的半精加工和精加工，也可用于与轧辊相同尺寸重量范围内的轧制、钢质和有色金属材料的轴类零件的加工，可进行外圆、端面和各种复杂曲面的半精车和精车。

The series of machine tools are CNC roll machine tools, mainly used for semi-finish turning and finish turning processing of cast iron, steel and nonferrous metal roll. Cutters made of high-speed steel, cemented carbide or other materials can be used for turning and repair processing of roll exterior, end faces, various complex pass profiles and curved surface, or for the processing of shaft parts (which have the same dimension and weight as above mentioned rolls) made of materials such as cast iron, steel and nonferrous metal, or the semi-finish turning and finish turning of exterior, end faces and various complex curved surfaces.



主要技术参数 Main Technical Parameters

项目 Item	CK8450	CK8465	CK8480
最大工件直径 Maximum Workpiece Diameter	Φ550mm	Φ650mm	Φ800mm
最大工件长度 Maximum Workpiece Length	2500mm	3500mm	4000mm
中心高 Center Height	350mm	440mm	550mm
最大工件重量 Maximum Workpiece Weight	3500Kg	7000Kg	14000Kg
最大切削力 Maximum Cutting Force	20KN	40KN	50KN
最大切削扭矩 Maximum Torque of Facplate	10KN.m	12KN.m	16KN.m
主轴转速范围 Range of Spindle Speed	3~350r/min	3~315r/min	3~250r/min
主轴转速级数 Number of Steps of Spindle Speed	无限 Stepless	无限 Stepless	无限 Stepless
主轴变速方式 Spindle Speed Changing Modes	液压自动 Hydraulic Automatic	液压自动 Hydraulic Automatic	液压自动 Hydraulic Automatic
花盘直径 Facplate Diameter	Φ500mm	Φ650mm	Φ800mm
进给量级数 Number of Steps of Feeds	无限 Stepless	无限 Stepless	无限 Stepless
纵向(Z轴)进给速度范围 Longitudinal(Z Axis) Feed Speed Range	1~2000mm/min	1~3500mm/min	1~3000mm/min
横向(X轴)进给速度范围 Horizontal(X Axis) Feed Speed Range	1~1500mm/min	1~1500mm/min	1~1500mm/min
尾座套筒移动量 Moving Amount of Tailstock Sleeve	150mm	150mm	300mm
交流变频主电机(功率) AC Frequency Conversion Main Motor (Power)	22KW	37KW	55KW
纵向(Z轴)电机: 扭矩 Longitudinal(Z Axis) Motor: Torque	27N.m	36N.m	50N.m
横向(X轴)电机: 扭矩 Horizontal(X Axis) Motor: Torque	11N.m	27N.m	27N.m
床身导轨防护形式 Protection of Lathe Bed and Guide Rail	不锈钢防护罩 Stainless Steel Protecting Cover	不锈钢防护罩 Stainless Steel Protecting Cover	不锈钢防护罩 Stainless Steel Protecting Cover
机床外形尺寸(长×宽×高) Overall dimension of machine (L×W×H)	6000x2000x1400mm	6800x2000x1760mm	8600x2440x2000mm
机床重量(约) Machine weight	11500kg	15000kg	24000kg

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专业性的轧辊加工设备设计制造企业



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