



Torno Heavy Duty Metal Milling Manual Roll Turning Lathe CA8450

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: BAISHUN
- Certification: CE ISO
- Model Number: CA8450
- 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: Manual Roll Turning Lathe Machine
- Model: CA8450
- Max. Swing Diameter: 500mm
- Max. Turning Length: 2500mm
- Function: Roll Turning
- Main Motor Power: 22KW
- Application: Metal Works
- Voltage: 380v 50hz
- Machine Weight: 8500KG
- Color: Customized
- Highlight: **Manual Roll Turning Lathe, roll turning lathe, CA8450**



More Images



Product Description

Lathe Torno Heavy Duty Metal Milling Manual Roll Turning Lathe Machine

Product Description

The lathe machine for rolling is a versatile tool for machining that can use high-speed steel and carbide cutting tools for rough and finish turning processes. It can machine various types of metals like different structural steels, casting steels, and irons, as well as cylindrical, conical, and spherical surfaces both internally and externally. It can also create threads on non-metal materials and shape various curved rotary surfaces. Moreover, it can maintain a consistent cutting speed.

CNC Roll Turning Lathe

Roll diameter: 500mm, 650mm, 800mm

Roll length: as requirement

CNC system: Siemens828Ds/ GSK980TDc

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.

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.

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.

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



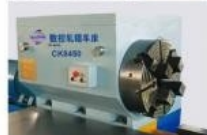
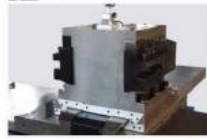
CK8450 数控轧辊车床

CNC ROLL TURNING LATHE

机床用途 Use of Machine Tool

本系列机床为数控轧辊车床。主要用于铸钢、铸钢和有色金属轧辊的半精车和精车削加工。使用高碳钢、硬合金或某些特殊材料的刀具可进行轧辊的外圆、端面和各种复杂孔型加工。由合金钢加工和修整加工。也可用于轧辊相同尺寸及重量范围的铸钢、铸钢及有色金属材料的轴类零件的制造。可进行外圆、端面和各种复杂曲面的半精车和精车削。

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 face, various complex pass profiles and curved surfaces, or for the processing of shaft parts (which have the same diameter 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 face 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	650mm
最大工件重量 Maximum Workpiece Weight	3500Kg	7000Kg	14000Kg
最大切削力 Maximum Cutting Force	20KN	40KN	50KN
花盘最大转矩 Maximum Torque of Faceplate	10KN.m	12KN.m	18KN.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 Change Mode	液压自动 Hydraulic Automatic	液压自动 Hydraulic Automatic	液压自动 Hydraulic Automatic
花盘直径 Faceplate 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	38N.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 dimensions of machine (L × W × H)	6000x2000x1400mm	6800x2000x1750mm	8600x2400x2000mm
机床重量 (约) Machine weight	11500kg	15000kg	24000kg

河南百顺机械设备有限公司 A Professional Roll Processing Equipment Design and Manufacturing Enterprise
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