



Cnc Roll Turning Lathe Machine Heavy Duty Big Bore Metal 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: CA8450 Roll Turning Lathe Machine
- Model: CA8450
- Max. Swing Diameter: 500mm
- Automatic: Manual
- Function: Roll Turning
- Main Motor Power: 22KW
- Application: Metal Works
- Voltage: 380v 50hz
- Machine Weight: 8500KG
- Color: Customized
- Highlight: **cnc roll turning lathe machine,
roll turning lathe machine Heavy Duty, CA8450**



More Images



Product Description

Heavy Duty Big Bore Metal Lathe Turning CA8450 Roll Turning Lathe machine

Product Overview

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: Siemens828Dsl/ GSK980TDc

Features:

This CNC roll turning lathe machines are mainly used in the semi finishing and finishing turning processing work for cast iron, steel and Non-ferrous metal rolls. The machines adopt high speed iron steel, tungsten-carbide or other kind of material cutters. These kinds of designs support the machines to do turning and repairing processing work for the rolls' ex circle, head face, all kinds of complex groove face and curved surface. They can also process the similar cast iron, steel and non-ferrous metal shafts as rolls in same weight range for semi finishing and finishing work on ex circle, head face, and all kinds of complex groove face.

The machine adopts four guide way or four in one guide way. The longitudinal and cross movement adopt high rigid rectangular guide way. With the combination frame blade holder of high rigid cutter row on the rectangular, the machines have improved the rigidity and stability. We adopt high accuracy and radial clearance of the double row short cylindrical roller bearings as machine's spindle bearings to ensure the machine's high rigidity, stability and high accuracy. All the designs make sure the machines in integrated processing precision. And the work pieces will be processed in high accuracy.

Machines adopt paste hardened plastic guide way and centralized lubrication systems for every guide ways' lubrication. It uses fixed-point quantitative oil supply principle. This ensures that the dynamic response of the system and the long using life for the machine's guide ways' lubrication. Machines adopt full stainless steel covers for guide way. This kind of design will keep the machine's 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



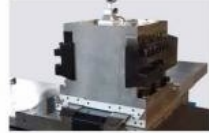
CK8450 数控轧辊车床

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、锻造和有色金属轧辊的半精车和精车加工。使用高硬度、硬度和合金其他材料刀具可进行轧辊的外圆、端面和各种复杂孔型加工。由

于轧辊加工和修复加工，也可用于轧辊修复尺寸及重量范围。轧制、锻造及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。



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	660mm
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 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
主轴锥度 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	6800x2000x1750mm	8600x2440x2000mm
机床重量 (约) Machine weight	11500kg	15000kg	24000kg

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