

CNC GROUP

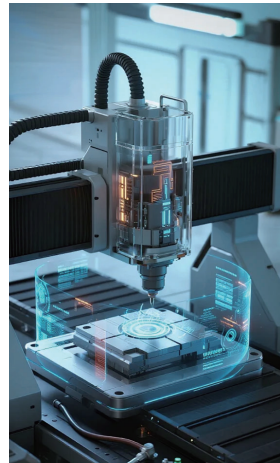
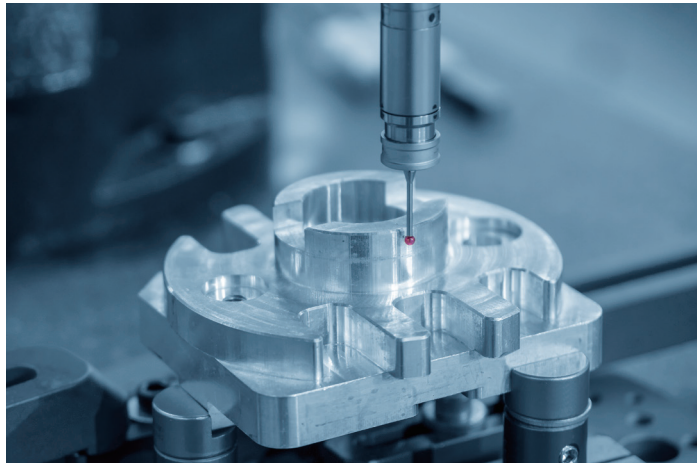
PRODUCT MANUAL

产品手册

■ CNC GROUP ■

地址:中国·济宁
Address: Jining, China
网址Website: <http://www.cncgroup.cn/>





Prior to packaging and shipment to the customer's designated address, all products from CNC GROUP undergo more than five rigorous quality inspections. We are committed to providing you with equipment of exceptional quality. Every product in this series supports customization services, ranging from the color and style of the equipment casing to the placement of your brand logo at specified locations, as well as the replacement of key core components with specific brands upon request. Should you have any inquiries, please feel free to contact CNC GROUP's sales representatives at any time.

CNC GROUP 的所有产品在打包并发货至客户指定地址之前, 均经过了超过五次的严格检测。我们致力于为您提供品质卓越的设备。本系列中的所有产品均支持定制服务, 定制范围涵盖设备外壳的颜色与款式、在指定位置印制客户品牌标识, 以及按需更换指定品牌的关键核心组件。如有任何疑问, 欢迎随时联系 CNC GROUP 的销售人员。

CONTENTS

目录

01

COMPANY PROFILE

公司简介

02

COMPANY HONORS

公司荣誉

03

PRODUCT SERIES

产品系列

COMPANY PROFILE

公司简介

14

14 years of specialization in industry
深耕行业 14 载

180

Trust and recognition from 180
countries and regions
赢得全球 180 个国家及地区的信赖与认可

800

Deep cooperation with 8,000 enterprises
与8000家企业深度合作

Established in 2012, CNC GROUP is a global manufacturer of industrial automation solutions. We specialize in the R&D and production of industrial-grade automation equipment, with a core product portfolio encompassing laser cutting machines, laser welding machines, laser cleaning machines, laser marking machines, and CNC engraving machines. Furthermore, we provide customized industrial automation solutions—including integrated systems for industrial robots and collaborative robot applications—to meet diverse production needs. Today, CNC GROUP is rapidly rising to prominence, positioning itself among the leading enterprises in the global industrial automation sector. We consistently uphold our corporate spirit of "Bold Innovation and Shared Success," while adhering to our service philosophy of "Integrity Foremost, Service First," thereby driving the company's continuous and steady growth. Our business operations span the entire value chain, encompassing R&D, manufacturing, sales, and after-sales maintenance services. Currently, CNC GROUP operates a modern manufacturing facility covering 20,000 square meters, supported by a dedicated team of 170 employees—including 40 specialized R&D professionals. CNC GROUP's equipment has been exported to the vast majority of countries and regions worldwide, extending our business footprint across Asia, Europe, the Americas, Africa, and Oceania.

CNC GROUP 始创于 2012 年, 作为一家全球化的工业自动化制造企业, 我们专注于工业级自动化设备的研发与生产, 主营产品涵盖激光切割机、激光焊机、激光清洗机、激光打标机以及数控雕刻机, 支持工业机器人集成方案定制, 协作机器人解决方案定制等工业自动化生产设备。如今, CNC GROUP 正迅速崛起, 跻身全球工业自动化领军行列。我们始终秉承“锐意进取、共享成就”的企业精神, 并坚守“信誉至上、服务为先”的服务宗旨, 推动企业持续稳健发展。公司业务涵盖研发、生产、销售及售后维护的全链条服务; 目前, CNC GROUP 拥有占地 20,000 平方米的现代化工厂, 汇聚了 170 名员工及 40 名专业研发人员。CNC GROUP 的设备产品已远销至全球绝大多数国家和地区, 业务版图遍及亚洲、欧洲、美洲、非洲及大洋洲。

COMPANY PROFILE

公司荣誉

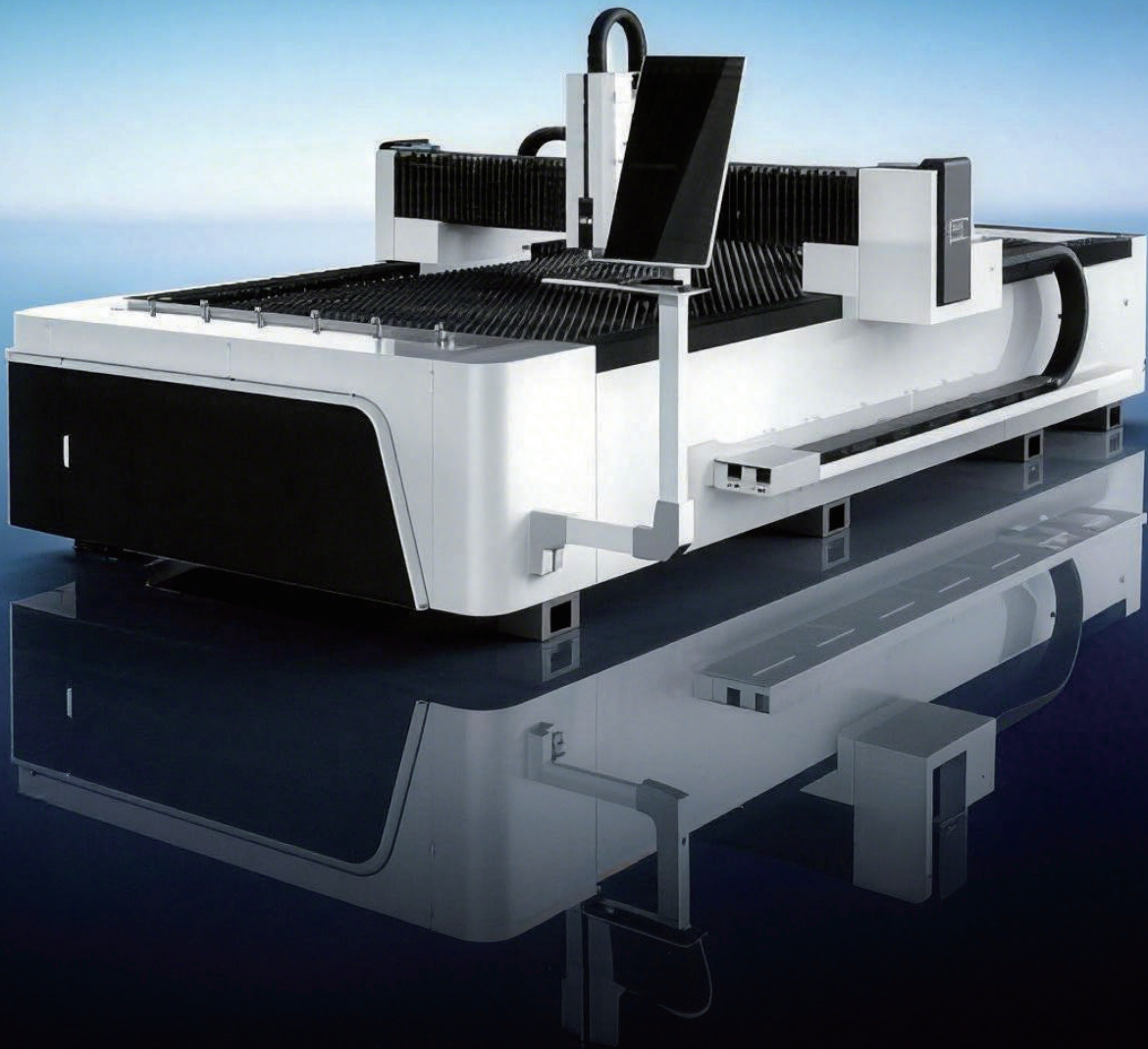


CNC GROUP



DESKTOP LASER CUTTING MACHINE

台式激光切割机



01

3015A

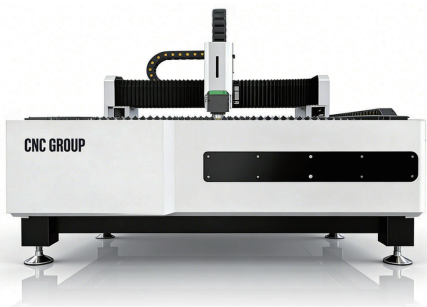
General-Purpose Desktop Laser Cutting Machine
通用台式激光切割机



02

3015E

Simple Desktop Laser Cutting Machine
简易台式激光切割机



03

3015G

Detachable Desktop Laser Cutting Machine
可拆台式激光切割机



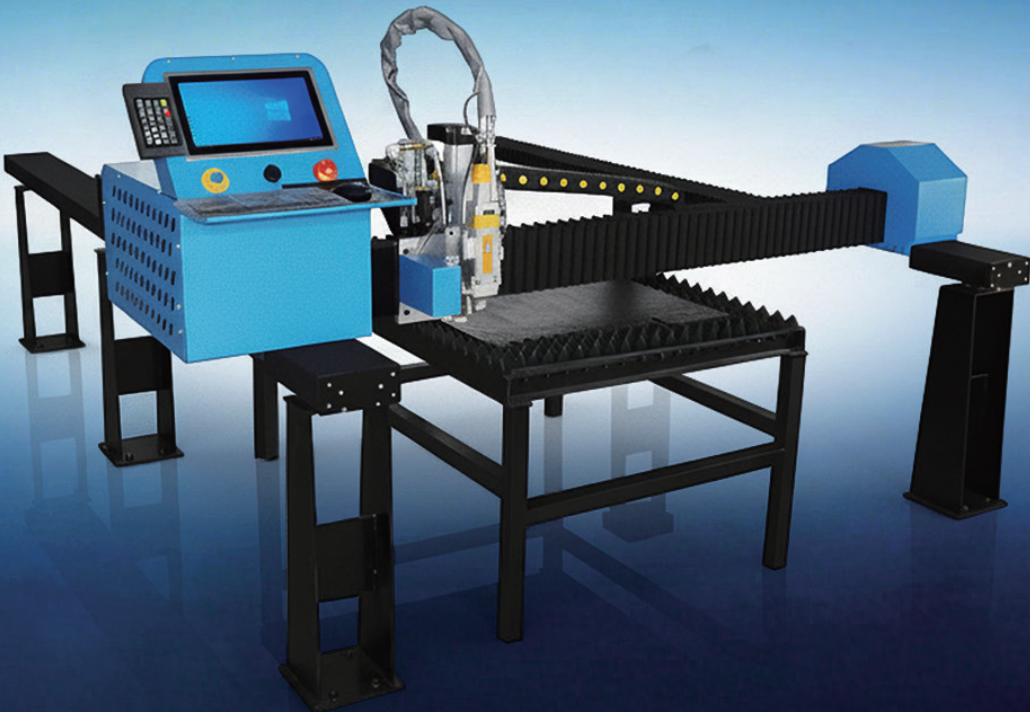
TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	3015A	3015E	3015G
Working Area / 工作区域	1500*3000 mm	1500*3000 mm	1500*3000 mm
Laser Power / 激光功率	1500W/2000W/3000W/6000W	1500W/2000W/3000W/6000W	1500W/2000W/3000W/6000W
Running Speed / 运行速度	140m/min	140m/min	140m/min
Operation precision / 运行精度	±0.2 mm/m	±0.2 mm/m	±0.2 mm/m

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STANDARD PORTABLE LASER CUTTING MACHINE

标准便携激光切割机



TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	Cyber-L3015A	Cyber-L6015A
Working Area / 工作区域	1500*3000 mm	1500*6000 mm
Laser Power / 激光功率	1500W/2000W/3000W/6000W	1500W/2000W/3000W/6000W
Running Speed / 运行速度	50-5000 mm/min	50-5000 mm/min
Operation precision / 运行精度	±0.3 mm/m	±0.3 mm/m

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PORTABLE GANTRY LASER TUBE AND SHEET CUTTING MACHINE

便携龙门激光管板一体机



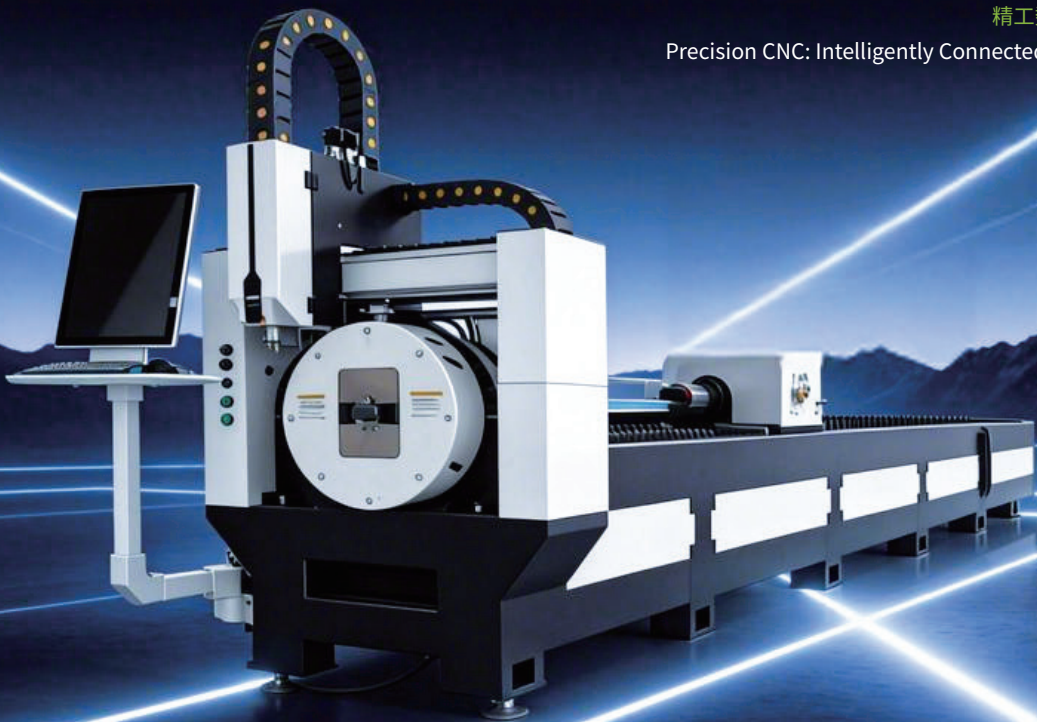
TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	Cyber-L3015B	Cyber-L6015B
Working Area / 工作区域	Plates 板材:1500*3000 mm Tubes 管材:3000*200 mm (diameter/直径)	Plates 板材:1500*3000 mm Tubes 管材:6000*200 mm (diameter/直径)
Laser Power / 激光功率	1500W/2000W/3000W/6000W	1500W/2000W/3000W/6000W
Running Speed / 运行速度	0-40000 mm/min	0-40000 mm/min
Operation precision / 运行精度	±0.3 mm/m	±0.3 mm/m

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LASER TUBE CUTTING MACHINE

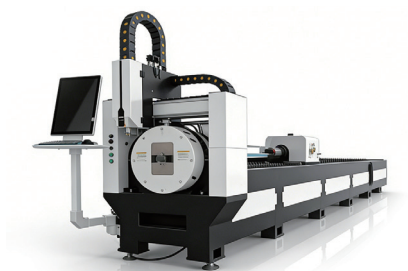
激光切管机



01

06A

Standard Laser Tube Cutting Machine
标准款激光管机



02

06C

Side-Mounted Laser Tube Cutting Machine
侧挂式激光管机



TECHNICAL PARAMETERS 技术参数

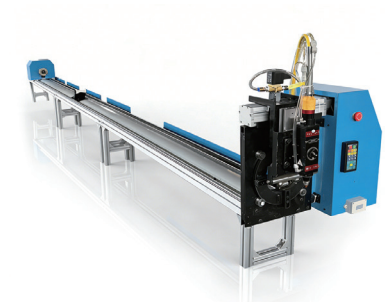
Machine Model / 机器型号	06A	06C
Effective Cutting Length / 有效切割长度	6000 mm	
Applicable Materials / 应用材质	Carbon Steel, Stainless Steel, Aluminum (碳钢、不锈钢、铝)	
Laser Power / 激光功率	1500W/3000W/6000W	

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03

08-06D

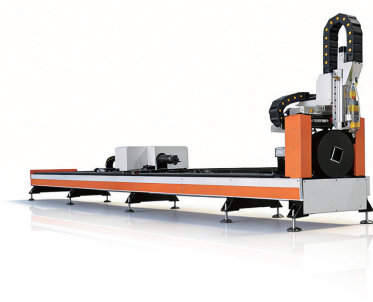
Small Laser Tube Cutting Machine
小型激光切管机



04

12-06E

Butt-Joint Type Laser Tube Cutting Machine
对接款激光切管机



05

12-06G

Simple Laser Tube Cutting Machine
简易激光切管机



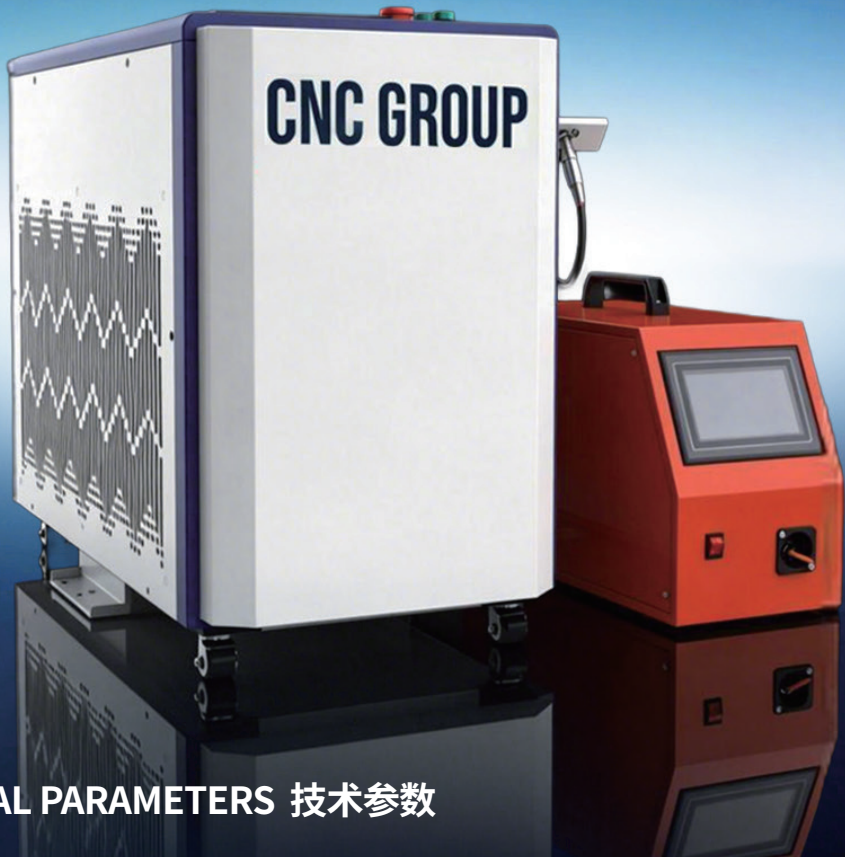
TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	08-06D	12-06E	12-06G
Effective Cutting Length / 有效切割长度	6000 mm		
Applicable Materials / 应用材质	Carbon Steel, Stainless Steel, Aluminum (碳钢、不锈钢、铝)		
Laser Power / 激光功率	1500 W	1500W/3000 W	

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HANDHELD LASER WELDING/- CLEANING MACHINE

手持激光焊接/清洗机



TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	Welding Machine(焊接机)	Cleaning Machine(清洗机)
Laser power / 激光功率	1000W/1500W/2000W/3000W	1000W/1500W/2000W/3000W
Laser wavelength / 激光波长	1080 nm	1080 nm
Cooling system / 冷却方式	Water cooling (水冷)	Water cooling (水冷)
Power input / 工作电压	AC220V/380V ±10%	AC220V/380V ±10%
Clean scanning width / 清洗宽度	/	0-300 mm

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AIR-COOLED HANDHELD LASER WELDING MACHINE

风冷手持激光焊接机



TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	Welding Machine(焊接机)
Operating Mode / 工作模式	Continuous / Pulse / D-Mode(连续/脉冲/D模式)
Laser Oscillation Amplitude / 激光摆幅	0-4 mm
Input Voltage / 输入电压	220 VAC
Rated Power / 额定功率	2500 W
Operating Temperature / 工作温度	0-40°C

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ROBOTIC LASER CUTTING AND WELDING SYSTEM

机器人激光切割焊接系统



 TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	CNC1440-10W	CNC2010-10W
Axis / 轴数	6-axis (6轴)	6-axis (6轴)
Motion Radius / 运动半径	1440 mm	2010 mm
Application Scenarios / 应用场景	Welding / Cutting (焊接/切割)	Welding / Cutting (焊接/切割)
Installation Mode / 安装方式	Ground installation,upside-down installation,inclined installation地面安装、倒吊安装、倾斜安装	

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STEEL STRUCTURE WELDING ROBOT

钢结构焊接机器人



 TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	CNC GROUP-6X	CNC GROUP-9X	CNC GROUP-12X
Maximum Length of Workpiece / 最大工件长度	5000 mm	8000 mm	11000 mm
Maximum Workpiece Size / 最大工件尺寸	1200*550 mm(宽W*高H)	1200*550 mm(宽W*高H)	1200*550 mm(宽W*高H)
Floor area of single equipment / 单台设备占地面积	8000*3000 mm (长L*宽W)	11000*3000 mm (长L*宽W)	14000*3000 mm (长L*宽W)
Compressed Air / 压缩空气	>0.6 Mpa	>0.6 Mpa	>0.6 Mpa
Repeatability / 重复定位精度	±0.1 mm	±0.1 mm	±0.1 mm

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PROGRAMMING-FREE SPRAY PAINTING ROBOT

免编程喷涂机器人



TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	CNC1550	CNC2060
Axis / 轴数	6-axis (6轴)	6-axis (6轴)
Payload / 有效负载	15KG	20KG
Motion Radius/ 运动半径	1550 mm	2060 mm
Repeatability/ 重复定位精度	±0.03mm	±0.02mm
Mounting Method / 安装方法	Floor-standing(落地式)	Floor-standing / Bracket-mounted / Inverted (落地式/支架式/倒挂式)

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PROFESSIONAL GRINDING ROBOT

专业打磨机器人



TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	CNC1050B-2100
Axis / 轴数	6-axis (6轴)
Payload / 有效负载	50KG
Motion Radius/ 运动半径	2100mm
Position Repeatability / 位置重复精度	±0.05mm
Mounting Method / 安装方法	Ground Operations and Hoisting (地面、吊装)

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COLLABORATIVE ROBOT WELDING CART / FLEXIBLE WELDING PLATFORM CART

协作机器人焊接小车/柔性焊接平台小车



TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	FR3	FR5	FR10
Payload (kg) / 负载	Rated(额定): 3kg; Max(最大): 5kg	Rated(额定): 5kg; Max(最大): 7kg	Rated(额定): 10kg; Max(最大): 14kg
Weight (kg) / 重量	15 kg	22 kg	40 kg
Reach (mm) / 臂展	622 mm	922 mm	1400 mm
Degrees of Freedom / 自由度	6	6	6
End-effector Rotation Angle / 末端旋转角度	±175°	±175°	±175°

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PALLETIZING ROBOT

码垛机器人



TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	WP-30	WP-50
Designed Palletizing Speed / 设计码垛速度	8-12 cpm(次/分钟)	6-8 cpm(次/分钟)
Payload (kg) / 负载	30kg	50kg
Maximum Palletizing Height / 最大码垛高度	2500 mm	2450 mm

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PORTABLE CNC PLASMA CUTTING MACHINE

便携式数控等离子切割机



TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	Cyber-1530PX
Voltage / 电压	220V/380V
Cutting effective area / 有效切割面积	1500*3000 mm
Running Speed / 运行速度	50-3000 mm/min
Operation precision / 运行精度	±0.5 mm/m

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TABLE CNC PLASMA CUTTING MACHINE

台式数控等离子切割机



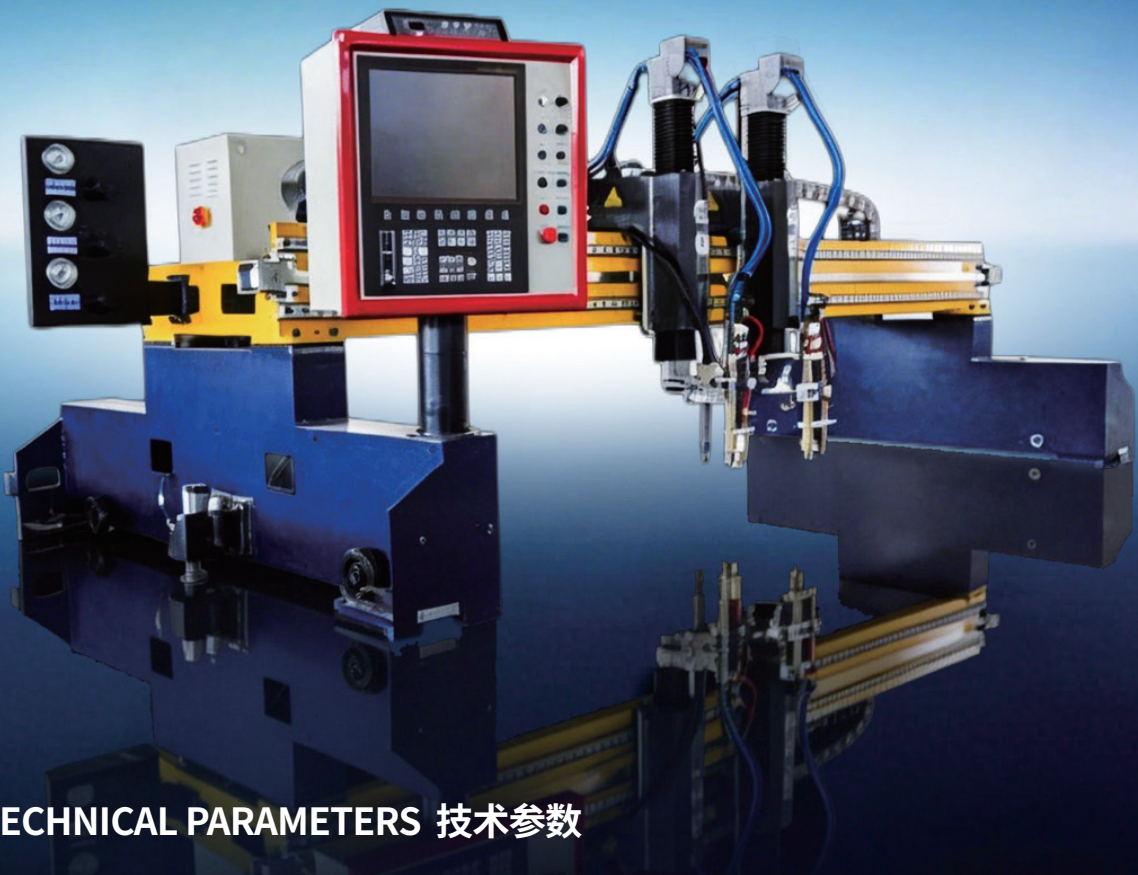
TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	Cyber-1530PT
Voltage / 电压	220V/380V
Cutting effective area / 有效切割面积	1500*3000 mm
Running Speed / 运行速度	50-10000 mm/min
Operation precision / 运行精度	±0.2 mm/m

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GANTRY CNC PLASMA CUTTING MACHINE

龙门式数控等离子切割机



TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	Cyber-4080
Voltage / 电压	220V/380V
Cutting effective area / 有效切割面积	3000*6000 mm
Running Speed / 运行速度	50-10000 mm/min
Operation precision / 运行精度	±0.2 mm/m

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PORTABLE GANTRY CNC PLASMA CUTTING MACHINE

便携式龙门数控等离子切割机



TECHNICAL PARAMETERS 技术参数

Machine Model / 机器型号	Cyber-1530P
Voltage / 电压	220V/380V
Cutting effective area / 有效切割面积	1500*3000 mm
Running Speed / 运行速度	50-4000 mm/min
Operation precision / 运行精度	±0.5 mm/m

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