

WE FOCUS ON THE MANUFACTURING OF SHEET METAL EQUIPMENT

我们专注于钣金设备制造

为客户有更好的设备使用，我们一直在努力

In order to provide customers with better equipment user experience, we have been making continuous efforts.

 **METEC.**



找到合适的设备，提升您的企业竞争力

Find the right equipment to enhance the competitiveness of your enterprise

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PRODUCT SERIES

产品系列

板材激光切割机 Sheet Metal Fiber Laser Cutting Machine	BLS 系列 单平台敞开式板材激光切割机 BLS Series Open Single Table Sheet Laser Cutting Machine	19	BLG系列 地轨式激光切割机 BLG Series Ground Rail Laser Cutting Machine	31
	BLSD系列 交换台敞开式板材激光切割机 BLSD Series Open Double Table Sheet Laser Cutting Machine	23	BLP系列 型钢激光切割机 BLP Series Profile Steel Laser Cutting Machine	35
	BLSF系列 交换台封闭式板材激光切割机 BLSF Series Enclosed Double Table Sheet Laser Cutting Machine	27		
管材激光切割机 Tube Metal Fiber Laser Cutting Machine	BLT2系列 2卡盘管材激光切割机 BLT2 Series 2 Chuck Tube Laser Cutting Machine	39	BLT3系列 3卡盘管材激光切割机 BLT3 series 3 Chuck Tube Laser Cutting Machine	43
	BLST系列 单台面敞开式板管一体激光切割机 BLST Series Open Single Table Sheet & Tube Laser Cutting Machine	47	BLSTF系列 交换台封闭式板管一体激光切割机 BLSTF Series Enclosed Double Table Sheet & Tube Laser Cutting Machine	51
电液数控折弯机 Electro-Hydraulic CNC Press Brake Machine	BLSTD系列 交换台敞开式板管一体激光切割机 BLSTD Series Open Double Table Sheet & Tube Laser Cutting Machine	49		
	BPA系列 电液同步数控折弯机 BPA Series Electro-Hydraulic Synchronous CNC Press Brake Machine	53	BPH系列 大型伺服电液数控折弯机 BPH Series Heavy-Duty Servo Electro-Hydraulic CNC Press Brake Machine	65
电动数控折弯机 Electric CNC Press Brake Machine	BPS/BPSS系列 伺服电液数控折弯机 BPS/BPSS Series Servo Electro-Hydraulic CNC Press Brake Machine	57	BPG系列 龙门式伺服电液数控折弯机 BPG Series Gantry Frame Servo Electro-Hydraulic CNC Press Brake Machine	71
	BPE系列 纯电伺服数控折弯机 BPE Series Electric Servo CNC Press Brake Machine	75		
自动折弯中心 Automatic Bending Center	BPP系列 压臂式自动折弯中心 BPP Series Press Arm Type Automatic Panel Bender	79		
自动化生产线 Automatic Production Line	BALS系列 自动化板材激光切割生产线 BALS Series Automatic Metal Sheet Laser Cutting Production Line	83	BALC系列 自动化卷材激光切割折弯生产线 BALC Series Automatic Coil Laser Cutting Bending Production Line	85
	BALR系列 自动化卷材激光切割折弯焊接生产线 BALR Series Automatic Coil Laser Cutting, Bending, Welding Production Line	87	BALP系列 自动化型材激光切割焊接生产线 BALP Series Automatic Profile Laser Cutting, Welding Production Line	89
焊接机 Welding Machine	BWH系列 手持式激光焊接机 BWH Series Handheld Laser Welding Machine	91	BWR系列 机器人激光焊接工作站 BWR Series Robot Laser Welding Workstation	92
	BWG系列 地轨式移动机器人焊接工作站 BWG Series Ground Rail Type Mobile Robot Welding Workstation	92		



20 Years/年
行业经验 Industry Experience

50000+ m²/平方米
生产基地 Production Base

2000+ Sets/台
年产能 Annual Capacity

20000+ Sets/台
累计销量 Global Sales

COMPANY PROFILE

公司简介

南京美特机械有限公司 是一家专注于钣金设备制造的企业，业务覆盖全球市场。公司主要生产板材激光切割机、管材激光切割机、数控折弯机，以及自动化生产线等。我们在全球范围内建立了广泛的销售与服务网络，致力于为全球客户提供钣金设备解决方案。我们团队一直坚持为客户提供更好的设备使用为发展方向，严格执行ISO国际质量管理体系，获得了欧盟CE、俄罗斯EAC等多项国际认证，确保设备从生产到交付的各个环节稳定可靠。百超智能依托深厚的技术积累，不断加大研发投入，积极引进和吸收国际先进经验，推动产品创新与技术升级，成为德国高斯在亚洲唯一的OEM生产厂商。



Metec is a company specializing in the design and manufacture of advanced sheet metal equipment for the global market. We mainly produce sheet metal fiber laser cutting machines, tube metal fiber laser cutting machines, CNC press brake machines, automatic production lines, etc. We have established an extensive sales and service network and are committed to providing sheet metal equipment solutions to customers around the world. Our team has always insisted on providing customers with better equipment user experience as the development direction, strictly implementing the ISO international quality management system, and obtaining multiple international certifications such as EU CE and Russian EAC, ensuring that the equipment is stable and reliable in every stage from production to delivery. Relying on its deep technical accumulation, Byca continues to increase its R&D investment, actively introduces and absorbs international advanced experience, and promotes product innovation and technological upgrades.

CORPORATE CULTURE

企业文化

为客户有更好的设备使用，我们一直在努力
In order to provide customers with better equipment user experience, we have been making continuous efforts.

品牌愿景 Brand Vision

我们希望成为智能制造装备的全球变革者
We hope to be the global innovator in machine tools

品牌使命 Brand Mission

我们努力推动全球钣金制造的发展
We strive to empower the evolution of global sheet metal manufacturing

METEC

品牌价值观 Brand Value

实力、品质、双赢、包容、同理心
Power, Quality, Win-win, Open, Empathy

品牌口号 Brand Slogan

建立您的核心能力
Build Your Core Ability



MEET OUR TEAM

我们的团队

我们的团队承诺提供一站式服务，保障您高效无忧生产
Our team is committed to providing one-stop service to ensure your efficient and worry-free production.



24小时在线服务 24-Hour Online Service

7×24小时快速响应，保障设备稳定运行
Round-the-clock response ensures smooth operation

产品质保 Product Warranty

关键部件享受延保服务，安心无忧
Extended warranty on key parts for worry-free operation

安装培训 Installation Training

一站式交付，快速投产无缝衔接
One-stop delivery enables quick production startup

定期巡检 Inspection Service

主动维护延长设备寿命
Proactive preventive maintenance to extend equipment lifespan

配件供应 Accessory Supply

原厂配件，快速交付，保障客户持续生产
OEM parts and fast delivery ensure production continuity

DEVELOPMENT HISTORY

企业发展史

时光凿刻年轮，足迹丈量征程
Time carves the rings of years, and footprints measure out the journey.



OVERSEAS SALES NETWORK



海外销售网络

智造中国
惠及世界

Made Smart in China
For the World

美特机械凭借卓越的产品品质与完善的服务体系在海外市场赢得了广泛赞誉。

Metec has gained widespread acclaim in the overseas market due to its outstanding product quality and comprehensive service system.

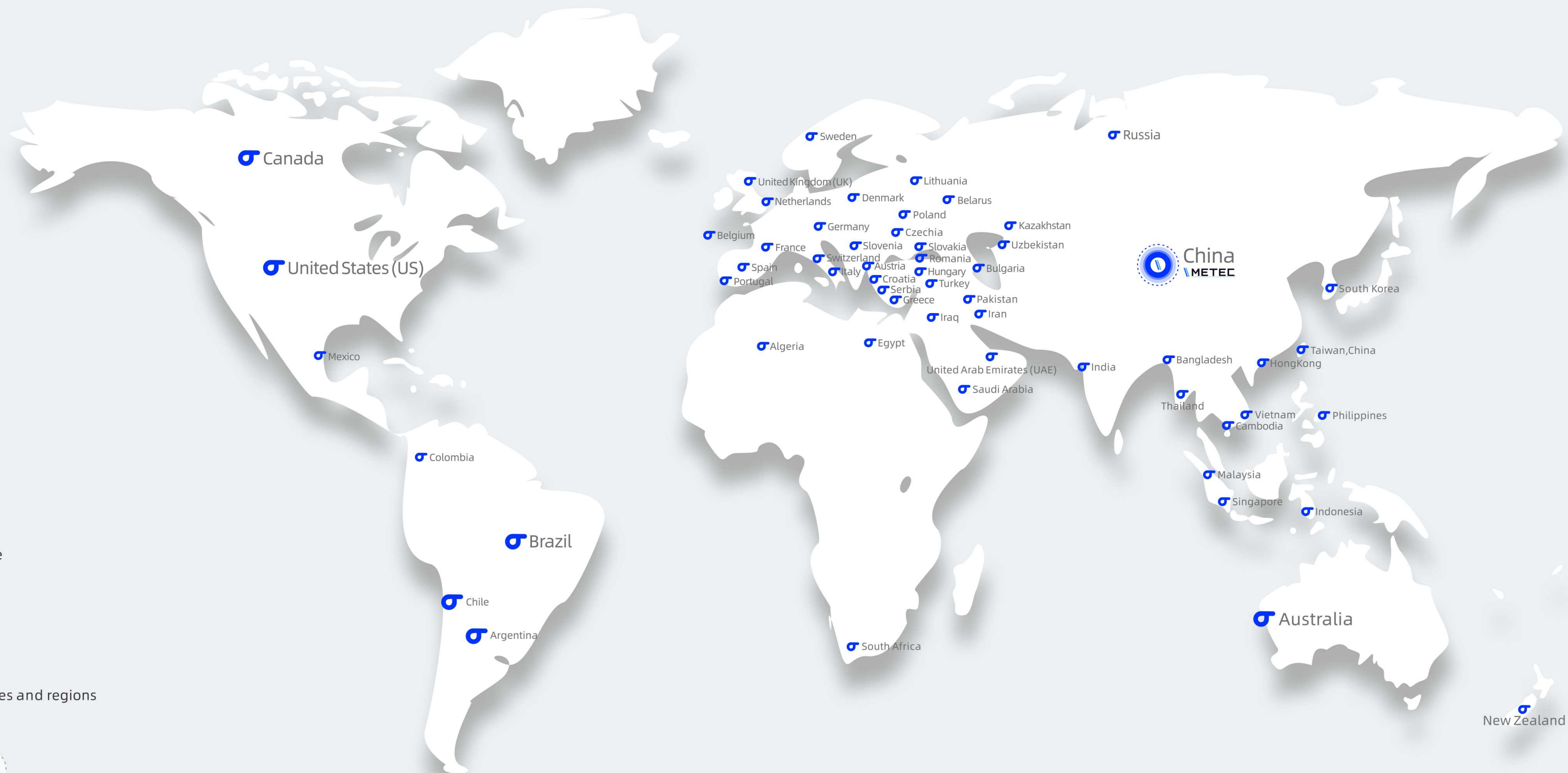
40%

业绩增长率
Annual growth rate of performance

130+

远销海外130多个国家
Exported to more than 130 countries and regions

 Countries in which Metec has sites
美特机械海外国家



DOMESTIC SALES NETWORK



国内销售网络

50+
全国销售服务中心
National Sales
Service Center

根植中国南京 布局全国市场

ROOTED IN NANJING, CHINA,
WITH A NATIONWIDE
MARKET LAYOUT

美特机械公司位于中国南京，其在全国拥有超过50家办事处。
Metec located in Nanjing, China, with over 50 offices across the country.



PROCESSING EQUIPMENT



加工设备



桥式数控定梁龙门镗铣床
CNC Bridge Type Fixed Gantry Boring and Milling Machine



龙门数控镗铣（加工中心）
CNC Gantry Type Boring and Milling Machine



全自动抛丸机
Automatic Shot Blasting Machine



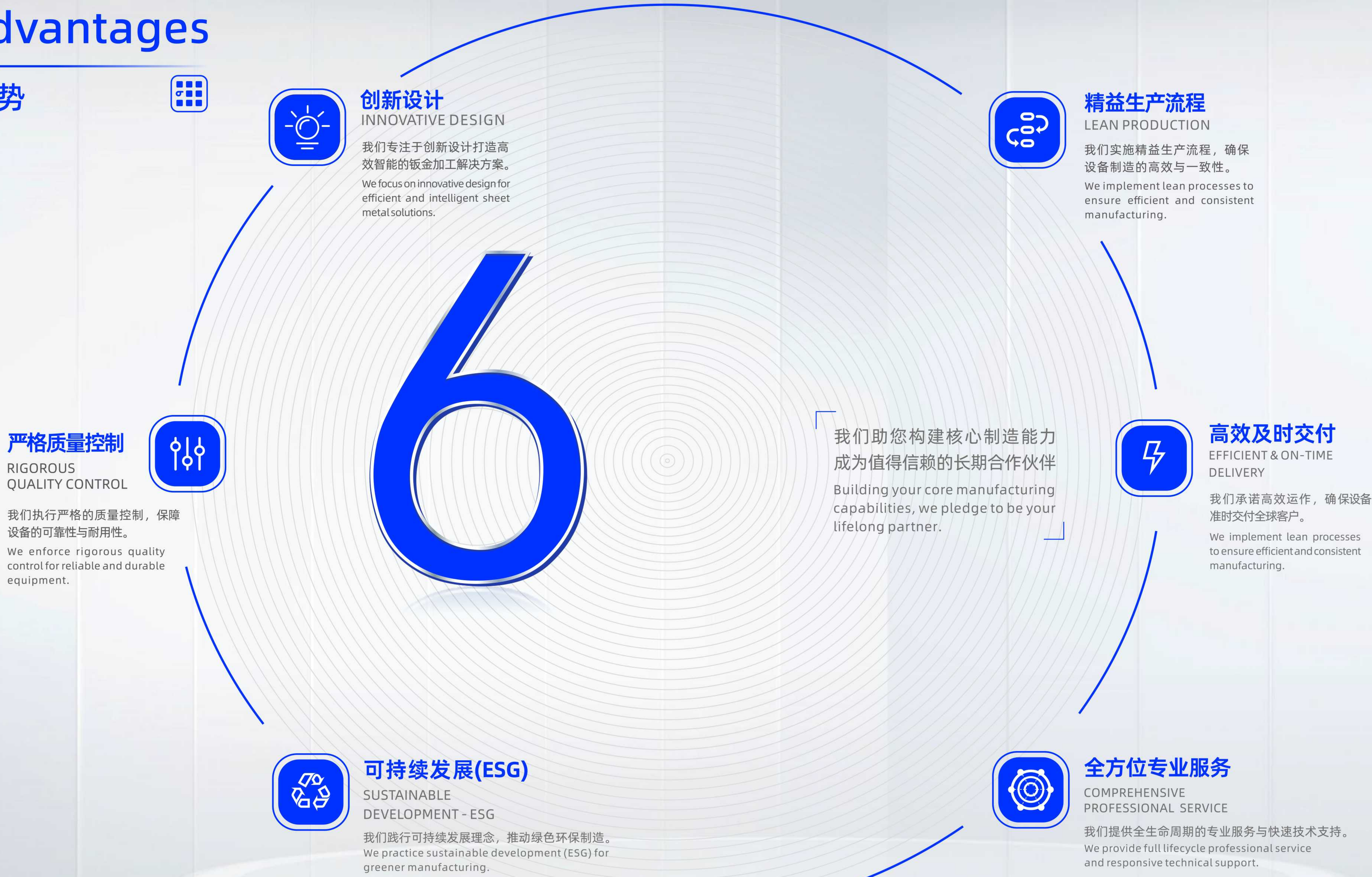
回火炉
Box-Type Tempering Furnace



数控落地铣镗床
CNC Floor-Type Boring and Milling Machine

Our Advantages

我们的优势



Laser Cutting Machine Selection Guide

激光切割机选型指南

激光功率与板厚对照表
Laser Source Power vs. Material Thickness Reference Table

	批量切割厚度 Batch Cutting Thickness			极限切割厚度 Limit Cutting Thickness		
功率 Power	碳钢 Carbon Steel (mm)	不锈钢 Stainless Steel (mm)	铝 Aluminum (mm)	碳钢 Carbon Steel (mm)	不锈钢 Stainless Steel (mm)	铝 Aluminum (mm)
3000W	16	8	6	22	10	8
6000W	22	18	14	25	20	16
12000W	30	25	25	40	40	40
20000W	45	40	30	60	70	60
30000W	50	50	30	75	70	60
40000W	70	70	70	90	100	100
60000W	100	100		200	150	
80000W	100	100		200	150	

注：

1、切割质量受辅助气体（氧气/氮气）、喷嘴类型、聚焦镜焦距等因素影响。

2、高反材料（如铜、黄铜）需采用专用激光源（如绿光/蓝光激光器）。

Note:

1、Cutting quality is influenced by factors such as assist gas (oxygen/nitrogen), nozzle type, focal length of the lens, among others.

2、Highly reflective materials (e.g., copper, brass) require specialized laser sources (such as green/blue lasers).

Industry Selection Recommendations

行业选型推荐

低功率 Low Power (3Kw)		中功率 Medium Power (6kw - 12kw)	高功率 High Power (20kw - 80kw)	
广告标识 Advertising Signs	装饰行业 Decoration Industry	机械制造 Machinery Manufacturing	重工业 Heavy Industry	船舶 Ships
门板行业 Door Panel Industray	钣金制造 Sheet Metal Manufacturing		钢结构 Steel Structures.	

Press Brake Machine Selection Guide

折弯机选型指南

板料折弯力表（碳钢）
Bending Force Chart for Mild Steel (Rm≈450N/mm2)

	V,mm	4	6	7	8	10	12	14	16	18	20	25	32	40	50	63	80	100	125	160	200
b,mm	ir,mm	2.8	4	5	5.5	7	8.5	10	11	13.5	14	18	22	28	35	45	55	71	89	113	
		0.7	1	1.1	1.3	1.6	2	2.3	2.6	3	3.3	4	5	6.5	8	10	13	16	20	26	
t,mm	0.5	40	30																		
	0.6	60	40	40	40																
	0.8		70	70	50	40															
	1		110	100	80	70															
	1.2			140	120	100	80	70	60												
	1.5				170	150	130	110	90	80											
	2						220	190	170	150	130	110									
	2.5								280	250	220	180	140								
	3									340	300	240	190	150							
	3.5											330	260	200	160	130					
	4											430	340	270	210	170					
	4.5												440	340	270	210					
	5												520	420	330	260	210				
	6												750	600	480	380	300	240			
	7															520	410	330	260		
	8															850	680	530	430		
	9																670	540	430		
	10																850	670	530	420	
	12																	960	780	600	550
	15																			950	750

折弯力计算公式 Bending Force Calculation Formula:

t= 板厚 Sheet Thickness （mm）

V= 模具V型槽口 Die V-opening （mm）

b= 最小翻边长度 Minimum Flange Length （mm）

ir= 内部半径 Internal Radius （mm）

F= 折弯力 Bending Force （kN）

L= 折弯长度 Bending Length （m）

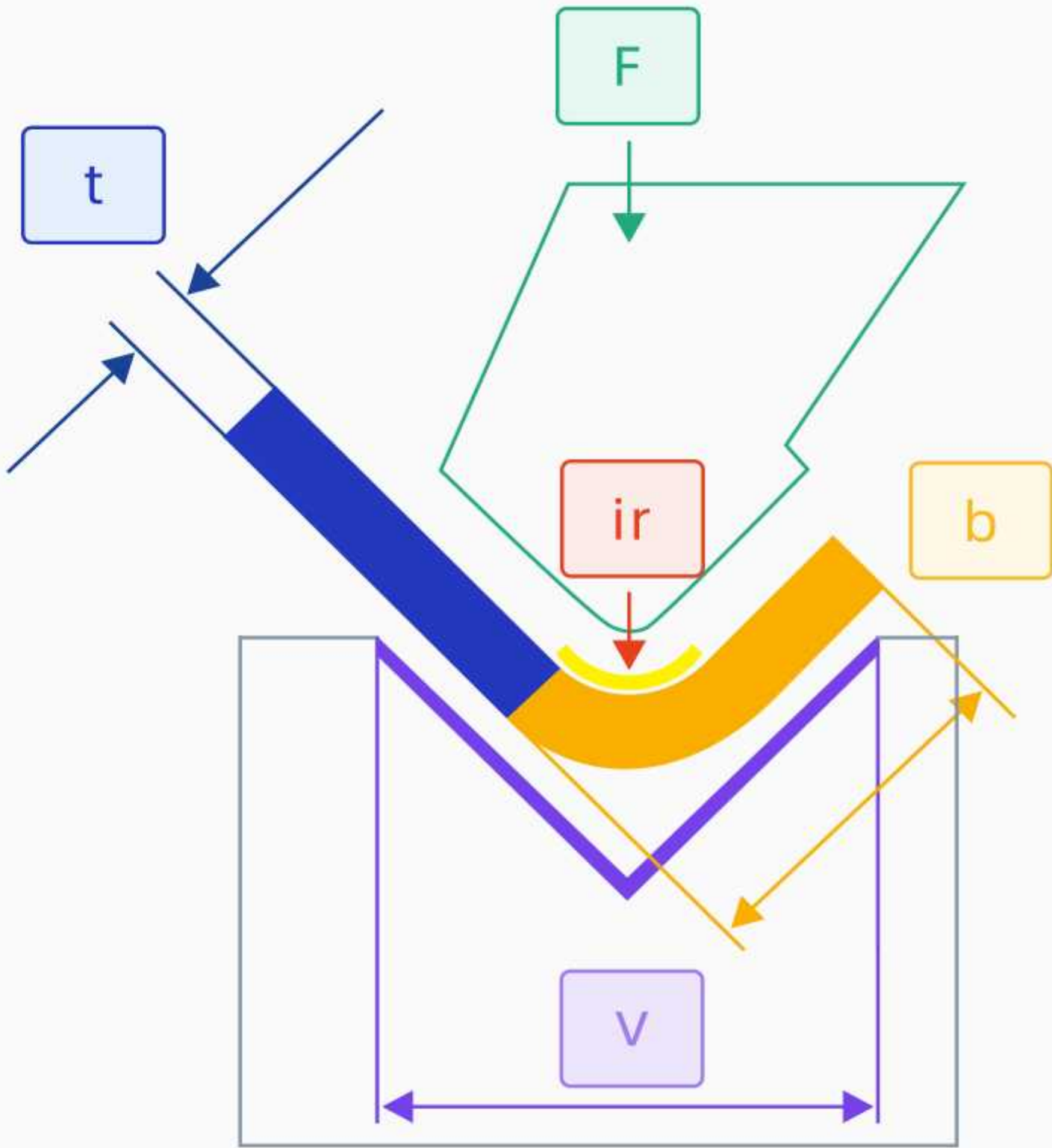
F= $\frac{650\ t^2\ L}{V}$ (Rm=450 N/mm 2)

板厚 t<10mm：V=6~8*t；板厚 t>10mm：V=8~12*t

计算其他材料的折弯力 Calculate force for other materials:

铝 Aluminium:F * 50%

不锈钢 Stainless Steel:F * 150%



BLS Series

Open Single Table Sheet Laser Cutting Machine 单平台敞开式板材激光切割机



成本效益/Cost Efficiency

投入成本低，结构简洁，适合入门用户，保证稳定切割性能。

Lower investment with simplified structure, suitable for entry-level users with stable cutting performance.



操作简便/Easy Operation

人机界面友好，上机快速，降低培训成本并提升效率。

User-friendly interface and quick setup, reducing training time and improving work efficiency.



紧凑设计/Compact Design

占地面积小，敞开式设计，适合空间有限的工厂使用。

Small footprint with open table, ideal for limited space workshops.



稳定精准/Stable & Precise

整体床身刚性强，确保长期切割高精度。

Monolithic bed ensures long-term stability and cutting precision.



分体式电柜 Separated Electrical Cabinet

选配 Optional

卓越散热与抗扰，保障长久稳定运行
Superior Heat & EMI Dissipation for Maximum Stability

分体设计将大功率热源与精密控制系统物理隔离，散热效率极高，并杜绝电磁干扰，确保设备持续高强度稳定加工，大幅降低故障率。

The separated design isolates heat and noise sources, ensuring cool operation and immunity to EMI for unwavering stability and minimized downtime during intense processing.



切割头 Laser Cutting Head

聚焦精准，维持切割品质一致
Precise focusing maintains consistent cutting quality

切割头用于聚焦激光束，并将其精准投射到材料表面，它通常配备自动调焦系统和喷嘴设计，以适应不同材料和厚度，保证切割质量。

The cutting head is used to focus the laser beam and precisely project it onto the material surface. It is usually equipped with an automatic focusing system and a nozzle design to adapt to different materials and thicknesses, ensuring cutting quality.

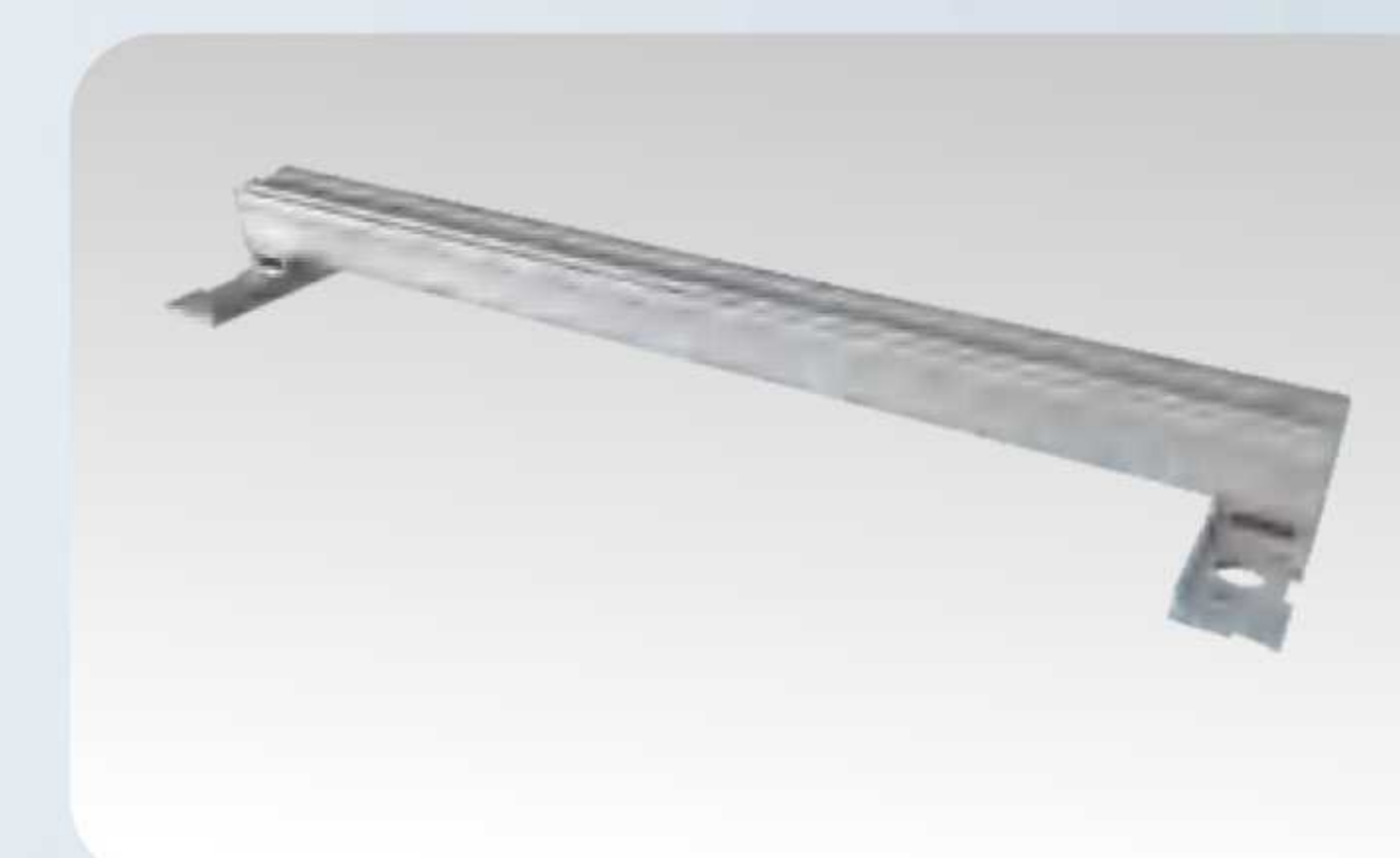


床身 Bed

高刚性结构，实现机身稳定无变形
Powerful energy output increases cutting speed

钢板焊接一体式床身，经时效处理，抗变形能力强，确保高功率切割和长时间负载下的稳定支撑。

The laser is used to generate high-energy and high-density laser beams to melt or vaporize metals. Lasers of different powers and types can meet the processing requirements of materials and thicknesses.



横梁 Crossbeam

特制航空铝，高速运动无抖动
Special aviation aluminum enables high-speed motion without vibration

横梁采用航空铝材质，经过精密加工，具备轻质高强特性，配合驱动系统与导轨，有效降低运行惯性，实现高速下的平稳运行。

The crossbeam is made of aviation aluminum, featuring light weight and high strength. Combined with the drive system and guide rails, it effectively reduces the running inertia and ensures smooth operation at high speeds.

BLS Series

单平台敞开式板材激光切割机技术参数

BLS Series Open Single Table Sheet Laser Cutting Machine Technical Parameters

型号 Model	BLS 3015	BLS 4015	BLS 6015	BLS 4020	BLS 6020	BLS 6322	BLS 6325	BLS 8325	BLS 13025
加工幅面 Working Area (mm)	3000*1500	4000*1500	6000*1500	4000*2000	6000*2000	6300*2200	6300*2500	8300*2500	13000*2500
台面承重 Table Load Bearing(Kg)	2000	2500	3500	3500	5000	5500	12500	16500	26000
机床外形尺寸 Overall Dimensions(mm)	4850*2330*1920	5850*2330*1920	7920*2330*1920	5850*2880*1920	7920*2880*1920	8330*3090*1920	8330*3570*2150	10340*3570*2150	15700*3570*2150
最大加速度 Max. Acceleration	1.5G	1.5G	1.5G	1.5G	1.5G	1.5G	1.2G	1.2G	1.2G
最大联动速度 Max. Linkage Speed (m/min)	120	120	120	120	120	120	120	120	120
最大定位速度 Max Positioning Accuracy (m/min)	100	100	100	100	100	100	100	100	100
X轴行程 X Axis Travel (mm)	1520	1520	1520	2020	2020	2220	2520	2520	2520
Y轴行程 Y Axis Travel (mm)	3050	4050	6050	4050	6050	6350	6350	8350	13050
Z轴行程 Z Axis Travel (mm)	140	140	140	140	140	140	150	150	150
X、Y轴定位精度 X, Y Axis Positioning Accuracy(mm/m)	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02
X、Y轴重复定位精度 X, Y Axis Repositioning Accuracy(mm/m)	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02

BLS/BLSD/BLSF系列平面切割系统

BLS/BLSD/BLSF Series Sheet Control System

激光器 Laser Source	3000w	6000w	12000w	20000w(Standard)	20000w(High)	30000w	40000w	60000w
切割头 Laser Cutting Head	BLT310	BLT421S	BLT442	BLT462	BLT663H	BLT683H	BLT6103H	BLT6120H
切割总线系统 Bus Controller	FSCUT-2000E	FSCUT-4000E	FSCUT-6000	FSCUT-6000	FSCUT-8000C	FSCUT-8000C	FSCUT-8000C	FSCUT-8000C
操作软件 Operating Software	CypCutE	CypCutE	CypCutPro	CypCutPro	HypCut	HypCut	HypCut	HypCut
套料软件 Nesting Software	Cypnest Starter	Cypnest Starter	Cypnest Starter	Cypnest Starter	Cypnest Professional	Cypnest Professional	Cypnest Professional	Cypnest Professional

BLS Series

单平台敞开式板材激光切割机产品配置

BLS Series Open Single Table Sheet Laser Cutting Machine Product Configuration

系统 System	型号 Model	BLS 3015	BLS 4015	BLS 6015	BLS 4020	BLS 6020	BLS 6322	BLS 6325	BLS 8325	BLS 13025
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding								
	横梁 Beam	航空铝横梁 Aviation Aluminum Beam								
	Z轴滑动模组 Z-axis Slide Module	●								
运动系统 Motion System	伺服电机与驱动 Servo Motor and Drive	● 柏楚, 中国 BOCHU, CHINA								
	减速机 Gear Reducer	● 钛科玛格, 中国 TECHMECH, CHINA								
	导轨 Guide Rail	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA								
	齿条 Rack	● 高斯, 德国 GAUSSCN, GERMANY ◎ APEX, 中国 APEX, TAIWAN CHINA								
	防尘罩 Bellow Cover	●								
	拖链 Cable Carrier	●								
光学系统 Optical System	激光器 Laser Source	● 创鑫, 中国 Maxphotonics, CHINA ◎ 锐科, 中国 RAYCUS, CHINA								
	切割头 Laser Cutting Head	● 柏楚, 中国 BOCHU, CHINA								
控制系统 Control System	切割总线系统 Bus Controller	● 柏楚, 中国 BOCHU, CHINA								
	操作软件 Operating Software	● 柏楚, 中国 BOCHU, CHINA								
	套料软件 Nesting Software	● 柏楚, 中国 BOCHU, CHINA								
电气系统 Electrical System	电气 Electrical	● 施耐德, 法国 SCHNEIDER, FRANCE								
	稳压器 Voltage Stabilizer	●								
	工控机 Industrial PC	●								
	显示器 Display	24寸 24 inches								
	遥控手柄 Remote Controller	● 柏楚, 中国 BOCHU, CHINA								
冷却系统 Cooling System	水冷机 Water Chiller	● 汉立, 中国 HANLI, CHINA ◎ 特域, 中国 S&A, CHINA ◎ 同飞, 中国 TONGFEI, CHINA								
	电控柜换热器 Cabinet Heat Exchanger	● 同飞, 中国 TONGFEI, CHINA								
供气系统 Gas Supply System	气路阀组 Pneumatic Valve Block	● SMC, 日本 SMC, JAPAN (3000W-6000W); RAYCEE, 中国 RAYCEE, CHINA (12000W-30000W); 安沃驰, 德国 AVENTICS, GERMANY (40000W-60000W)								
	气压报警器 Pressure Alarm	●								
除尘系统 Dust Extraction System	分区除尘结构 Zoned Dust Removal Structure	●								
	离心风机 Centrifugal Fan	●								
安全系统 Safety System	紧急停止 Emergency Stop	●								
润滑系统 Lubrication System	润滑装置 Lubricating Device	Automatic								
	收油装置 Oil Collection Device	●								
易损件 Wear Parts	易损件套装 Wear Parts Kit	保护镜片 Protective lens 喷嘴 Nozzle 陶瓷环 Ceramic ring								
可选配置 Optional	空压机 Air Compressor	○								

注：● 表示标配 ○ 表示选配(加配置) ◎ 表示选配(换配置) - 表示无此配置 Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BLSD Series

Open Double Table Sheet Laser Cutting Machine

交换台敞开式板材激光切割机



高效生产/High Productivity

双交换台设计，实现切割与上下料同步，大幅降低停机时间。

Double exchange tables allow continuous cutting and loading, reducing downtime significantly.



稳定结构/Stable Structure

高刚性机床结构，保障长时间作业中的精度稳定性。

Rigid machine bed ensures consistent precision during long-time operation.



灵活操作/Flexible Operation

敞开式平台设计，便于操作大型或重型板材。

Open design provides easy access for handling large and heavy plates.



高回报率/High ROI

以单机成本获得近双机效率，快速回本。

Achieves near double-machine efficiency at a single cost for fast ROI.



切割总线系统 Bus Controller

数据传输快速，支持系统平稳运作
Fast data transfer supports stable system operation

切割总线系统负责连接各个电子模块，实现数据传输和命令控制的高效同步，提高设备的自动化水平。

The cutting bus system is responsible for connecting various electronic modules, achieving efficient synchronization of data transmission and command control, and enhancing the automation level of the equipment.



滤筒除尘器 Cartridge Dust Collector

选配 Optional

斜插抽拉式设计，显著节省空间
Slanted pull-out design for significant space savings

创新的侧开门斜插式结构，无需工具即可实现单人快速换芯，极大降低停机时间与维护成本。

The innovative side-access slanted cartridge structure enables tool-free, quick filter replacement by a single operator, drastically reducing downtime and maintenance costs.



Z轴滑动模组 Z-axis Slide Module

高精度动态调焦，保障切割品质
High-precision dynamic focusing ensures cutting quality

以高刚性结构与精密伺服驱动，确保切割头在高速运动中焦点稳定，无缝适应不同板厚。

With a high-rigidity structure and precision servo drive, it maintains optimal focus stability during high-speed movement, seamlessly adapting to different material thicknesses.



离心风机 Centrifugal Fan

强力风机，支持系统高效通风
Powerful fan ensures efficient system ventilation

离心风机将切割过程中产生的烟尘和废气高效排出。它具有风量大、压力高和运行稳定的特点，有助于保持工作环境的清洁。

Centrifugal fans efficiently remove the dust and waste gas generated during cutting. It features large airflow, strong pressure and stable operation, which helps to keep the working environment clean.

BLSDSeries 交换台敞开式板材激光切割机技术参数

BLSD Series Open Double Table Sheet Laser Cutting Machine Technical Parameters

型号 Model	BLSD 3015	BLSD 4015	BLSD 6015	BLSD 4020	BLSD 6020	BLSD 6322	BLSD 6325	BLSD 8325	BLSD 13025
加工幅面 Working Area (mm)	3000*1500	4000*1500	6000*1500	4000*2000	6000*2000	6300*2200	6300*2500	8300*2500	13000*2500
台面承重 Table Load Bearing(Kg)	2000	2500	3500	3500	5000	5500	12500	16500	26000
机床外形尺寸 Overall Dimensions (mm)	主机 Main Frame: 5170*2900*2190 尾架 Tail Frame: 3440*2260*830	主机 Main Frame: C6300*2900*2190 尾架 Tail Frame: 4380*2260*830	主机 Main Frame: 8280*2900*2190 尾架 Tail Frame: 6370*2260*830	主机 Main Frame: 6300*3540*2190 尾架 Tail Frame: 4380*2620*830"	主机 Main Frame: 8280*3540*2190 尾架 Tail Frame: 6370*2620*830"	主机 Main Frame: 8850*3645*2320 尾架 Tail Frame: 6660*2820*830	主机 Main Frame: 8850*3870*2430 尾架 Tail Frame: 6660*3100*980	主机 Main Frame: 10850*3870*2430 尾架 Tail Frame: 8660*3100*980	主机 Main Frame: 15850*3870*2430 尾架 Tail Frame: 13660*3100*980
最大加速度 Max. Acceleration	1.5G	1.5G	1.5G	1.5G	1.5G	1.5G	1.2G	1.2G	1.2G
最大联动速度 Max. Linkage Speed (m/min)	120	120	120	120	120	120	120	120	120
最大定位速度 Max Positioning Accuracy (m/min)	100	100	100	100	100	100	100	100	100
X轴行程 X Axis Travel (mm)	1520	1520	1520	2020	2020	2220	2520	2520	2520
Y轴行程 Y Axis Travel (mm)	3050	4050	6050	4050	6050	6350	6350	8350	13050
Z轴行程 Z Axis Travel (mm)	140/300	140/300	140/300	140/300	140/300	140/300	150/350	150/350	150/350
X、Y轴定位精度 X, Y Axis Positioning Accuracy (mm/m)	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02
X、Y轴重复定位精度 X, Y Axis Repositioning Accuracy(mm/m)	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02

BLSDSeries 交换台敞开式板材激光切割机产品配置

BLSD Series Open Double Table Sheet Laser Cutting Machine Product Configuration

系统 System	型号 Model	BLSD 3015	BLSD 4015	BLSD 6015	BLSD 4020	BLSD 6020	BLSD 6322	BLSD 6325	BLSD 8325	BLSD 13025
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding								
	横梁 Beam	航空铝横梁 Aviation Aluminum Beam								
	Z轴滑动模组 Z-axis Slide Module	●								
	交换台 Exchange Table	●平行交换台 Parallel Exchange Table ◎升降交换台Lifting Exchange Table								
	包围 Cover	-								

BLSDSeries 交换台敞开式板材激光切割机产品配置

BLSD Series Open Double Table Sheet Laser Cutting Machine Product Configuration

系统 System	型号 Model	BLSD 3015	BLSD 4015	BLSD 6015	BLSD 4020	BLSD 6020	BLSD 6322	BLSD 6325	BLSD 8325	BLSD 13025
运动系统 Motion System	伺服电机与驱动 Servo Motor and Drive	● 柏楚, 中国 BOCHU, CHINA								
	减速机 Gear Reducer	● 钛科玛格, 中国 TECHMECH, CHINA								
	导轨 Guide Rail	● 高斯, 德国 GAUSSCN, GERMANY ◎上银, 中国 HIWIN, TAIWAN CHINA								
	齿条 Rack	● 高斯, 德国 GAUSSCN, GERMANY ◎APEX, 中国 APEX, TAIWAN CHINA								
	防尘罩 Bellow Cover	●								
	拖链 Cable Carrier	●								
光学系统 Optical System	激光器 Laser Source	● 创鑫, 中国 Maxphotonics, CHINA ◎ 锐科, 中国 RAYCUS, CHINA								
	切割头 Laser Cutting Head	● 柏楚, 中国 BOCHU, CHINA								
控制系统 Control System	切割总线系统 Bus Controller	● 柏楚, 中国 BOCHU, CHINA								
	操作软件 Operating Software	● 柏楚, 中国 BOCHU, CHINA								
	套料软件 Nesting Software	● 柏楚, 中国 BOCHU, CHINA								
电气系统 Electrical System	电气 Electrical	● 施耐德, 法国 SCHNEIDER, FRANCE								
	稳压器 Voltage Stabilizer	●								
	工控机 Industrial PC	●								
	显示器 Display	24寸 24 inches								
	遥控手柄 Remote Controller	● 柏楚, 中国 BOCHU, CHINA								
冷却系统 Cooling System	水冷机 Water Chiller	● 汉立, 中国 HANLI, CHINA ◎ 特域, 中国 S&A, CHINA ◎同飞, 中国 TONGFEI, CHINA								
	电控柜换热器 Cabinet Heat Exchanger	● 同飞, 中国 TONGFEI, CHINA								
供气系统 Gas Supply System	气路阀组 Pneumatic Valve Block	● SMC, 日本 SMC, JAPAN (3000W-6000W); RAYCEE, 中国 RAYCEE, CHINA (12000W-30000W); 安沃驰, 德国 AVENTICS, GERMANY (40000W-60000W)								
	气压报警器 Pressure Alarm	●								
除尘系统 Dust Extraction System	分区除尘结构 Zoned Dust Removal Structure	●								
	离心风机 Centrifugal Fan	●								
安全系统 Safety System	紧急停止 Emergency Stop	●								
润滑系统 Lubrication System	润滑装置 Lubricating Device	Automatic								
	收油装置 Oil Collection Device	●								
易损件 Wear Parts	易损件套装 Wear Parts Kit	保护镜片 Protective lens 喷嘴 Nozzle 陶瓷环 Ceramic ring								
可选配置 Optional	空压机 Air Compressor	○								

注：● 表示标配 ○ 表示选配(加配置) ◎ 表示选配(换配置) - 表示无此配置 Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BLSF Series

Enclosed Double Table Sheet Laser Cutting Machine

交换台封闭式板材激光切割机



安全防护/Safety Protection

全封闭防护罩，保障操作安全并保持洁净环境。
Fully enclosed design with protective cover ensures operator safety and clean environment.



高效交换/Efficient Exchange

双交换台设计，提升切割效率，实现无间断生产。
Dual tables improve cutting efficiency with uninterrupted workflow.



烟尘控制/Dust Control

封闭配合高效抽尘系统，有效减少烟尘排放。
Enclosure with efficient extraction system reduces smoke and dust pollution.



智能监控/Smart Monitoring

集成化视窗系统，生产全过程一目了然。
Integrated viewing system provides full visibility of the entire process.



交换台 Exchange Table

双工位切换，有效提高作业效率
Dual workstations switch for enhanced work efficiency

交换机构采用链条同步驱动系统，实现切割与上下料同步进行，大幅缩短停机等待时间，提升生产节拍。

The exchange mechanism adopts a chain synchronous drive system, enabling cutting and loading/unloading to be carried out simultaneously, significantly reducing the downtime waiting time and enhancing the production rhythm.



伺服电机与驱动 Servo Motor and Drive

精细调控，反应快速灵敏
Fine control with fast, responsive performance

伺服系统用于精准控制运动轴的位置、速度和加速度，实现稳定可靠的动态响应和重复精度。

The servo system is used to precisely control the position, speed and acceleration of the motion axis, achieving stable and reliable dynamic response and repeatability accuracy.



分区除尘结构 Zoned Dust Removal Structure

分区除尘设计，维持洁净工作环境
Zoned dust extraction keeps work area clean

将切割区域划分为多个独立区域，根据切割头位置精准启动对应区域的抽尘系统，该设计有效改善工作环境中的烟尘问题。

The cutting area is divided into multiple zones, and the dust removal system of the corresponding zone is precisely activated based on the position of the cutting head. This design effectively mitigates dust.



减速机 Gear Reducer

大扭矩输出，运转平稳且可靠
High torque output for smooth and reliable operation

减速机用于将伺服电机的高速旋转降低为适合切割所需的低速高扭矩输出，保证传动平稳和精确。

The gear reducer is used to reduce the high-speed rotation of the servo motor into low-speed, high-torque output suitable for cutting, ensuring smooth and precise transmission.

BLSF Series 交换台封闭式板材激光切割机技术参数

BLSF Series Enclosed Double Table Sheet Laser Cutting Machine Technical Parameters

型号 Model	BLSF 3015	BLSF 4015	BLSF 6015	BLSF 4020	BLSF 6020	BLSF 6322	BLSF 6325	BLSF 8325	BLSF 13025
加工幅面 Working Area (mm)	3000*1500	4000*1500	6000*1500	4000*2000	6000*2000	6300*2200	6300*2500	8300*2500	13000*2500
台面承重 Table Load Bearing(Kg)	2000	2500	3500	3500	5000	5500	12500	16500	26000
机床外形尺寸 Overall Dimensions (mm)	主机 Main Frame: 5170*2900*2190 尾架 Tail Frame: 3440*2260*830	主机 Main Frame: C6300*2900*2190 尾架 Tail Frame: 4380*2260*830	主机 Main Frame: 8280*2900*2190 尾架 Tail Frame: 6370*2260*830	主机 Main Frame: 6300*3540*2190 尾架 Tail Frame: 4380*2620*830"	主机 Main Frame: 8280*3540*2190 尾架 Tail Frame: 6370*2620*830"	主机 Main Frame: 8850*3645*2320 尾架 Tail Frame: 6660*2820*830	主机 Main Frame: 8850*3870*2430 尾架 Tail Frame: 6660*3100*980	主机 Main Frame: 10850*3870*2430 尾架 Tail Frame: 8660*3100*980	主机 Main Frame: 15850*3870*2430 尾架 Tail Frame: 13660*3100*980
最大加速度 Max. Acceleration	1.5G	1.5G	1.5G	1.5G	1.5G	1.5G	1.2G	1.2G	1.2G
最大联动速度 Max. Linkage Speed (m/min)	120	120	120	120	120	120	120	120	120
最大定位速度 Max Positioning Accuracy (m/min)	100	100	100	100	100	100	100	100	100
X轴行程 X Axis Travel (mm)	1520	1520	1520	2020	2020	2220	2520	2520	2520
Y轴行程 Y Axis Travel (mm)	3050	4050	6050	4050	6050	6350	6350	8350	13050
Z轴行程 Z Axis Travel (mm)	140/300	140/300	140/300	140/300	140/300	140/300	150/350	150/350	150/350
X、Y轴定位精度 X, Y Axis Positioning Accuracy (mm/m)	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02
X、Y轴重复定位精度 X, Y Axis Repositioning Accuracy(mm/m)	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02

BLSF Series 交换台封闭式板材激光切割机产品配置

BLSF Series Enclosed Double Table Sheet Laser Cutting Machine Product Configuration

系统 System	型号 Model	BLSF 3015	BLSF 4015	BLSF 6015	BLSF 4020	BLSF 6020	BLSF 6322	BLSF 6325	BLSF 8325	BLSF 13025
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding								
	横梁 Beam	航空铝横梁 Aviation Aluminum Beam								
	Z轴滑动模组 Z-axis Slide Module	●								
	交换台 Exchange Table	●平行交换台 Parallel Exchange Table ◎升降交换台Lifting Exchange Table								
	包围 Cover	全覆盖 Fully Cover								

BLSF Series 交换台封闭式板材激光切割机产品配置

BLSF Series Enclosed Double Table Sheet Laser Cutting Machine Product Configuration

系统 System	型号 Model	BLSF 3015	BLSF 4015	BLSF 6015	BLSF 4020	BLSF 6020	BLSF 6322	BLSF 6325	BLSF 8325	BLSF 13025
运动系统 Motion System	伺服电机与驱动 Servo Motor and Drive	● 柏楚, 中国 BOCHU, CHINA								
	减速机 Gear Reducer	● 钛科玛格, 中国 TECHMECH, CHINA								
	导轨 Guide Rail	●高斯, 德国GAUSSCN, GERMANY ◎上银, 中国 HIWIN, TAIWAN CHINA								
	齿条 Rack	●高斯, 德国GAUSSCN, GERMANY ◎APEX, 中国 APEX, TAIWAN CHINA								
	防尘罩 Bellow Cover	●								
	拖链 Cable Carrier	●								
光学系统 Optical System	激光器 Laser Source	● 创鑫, 中国 Maxphotonics, CHINA ◎ 锐科, 中国 RAYCUS, CHINA								
	切割头 Laser Cutting Head	● 柏楚, 中国 BOCHU, CHINA								
控制系统 Control System	切割总线系统 Bus Controller	● 柏楚, 中国 BOCHU, CHINA								
	操作软件 Operating Software	● 柏楚, 中国 BOCHU, CHINA								
	套料软件 Nesting Software	● 柏楚, 中国 BOCHU, CHINA								
电气系统 Electrical System	电气 Electrical	● 施耐德, 法国 SCHNEIDER, FRANCE								
	稳压器 Voltage Stabilizer	●								
	工控机 Industrial PC	●								
	显示器 Display	24寸 24 inches								
	遥控手柄 Remote Controller	● 柏楚, 中国 BOCHU, CHINA								
冷却系统 Cooling System	水冷机 Water Chiller	● 汉立, 中国 HANLI, CHINA ◎ 特域, 中国 S&A, CHINA ◎同飞, 中国 TONGFEI, CHINA								
	电控柜换热器 Cabinet Heat Exchanger	●同飞, 中国 TONGFEI, CHINA								
供气系统 Gas Supply System	气路阀组 Pneumatic Valve Block	● SMC, 日本SMC, JAPAN (3000W-6000W); RAYCEE, 中国RAYCEE, CHINA (12000W-30000W); 安沃驰,德国AVENTICS, GERMANY(40000W-60000W)								
	气压报警器 Pressure Alarm	●								
除尘系统 Dust Extraction System	分区除尘结构 Zoned Dust Removal Structure	●								
	离心风机 Centrifugal Fan	●								
	紧急停止 Emergency Stop	●								
安全系统 Safety System	录像设备 Video recording Equipment	● 海康威视, 中国 HIKVISION, CHINA, 500G								
	摄像头 Camera	2个 Two Pieces	2个 Two Pieces	4个 Four Pieces	2个 Two Pieces	4个 Four Pieces	4个 Four Pieces	4个 Four Pieces	4个 Four Pieces	4个 Four Pieces
	开门光幕保护 Safety Light Curtain	● 欧姆龙, 日本 OMRON, JAPAN								
润滑系统 Lubrication System	润滑装置 Lubricating Device	Automatic								
	收油装置 Oil Collection Device	●								
易损件 Wear Parts	易损件套装 Wear Parts Kit	保护镜片 Protective lens 喷嘴 Nozzle 陶瓷环 Ceramic ring								
可选配置 Optional	空压机 Air Compressor	○								

注：● 表示标配 ○ 表示选配(加配置) ◎ 表示选配(换配置) - 表示无此配置 Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BLG Series

Ground Rail Laser Cutting Machine 地轨式激光切割机



大幅面/Large Format

针对超大幅面板材，具备无限延长加工能力。
Designed for extra-large sheet cutting with unlimited length processing capability.



高稳定性/High Stability

地轨安装结构，提升刚性，保证大尺寸切割精度。
Ground rail installation enhances rigidity, ensuring accuracy for large-scale cutting.



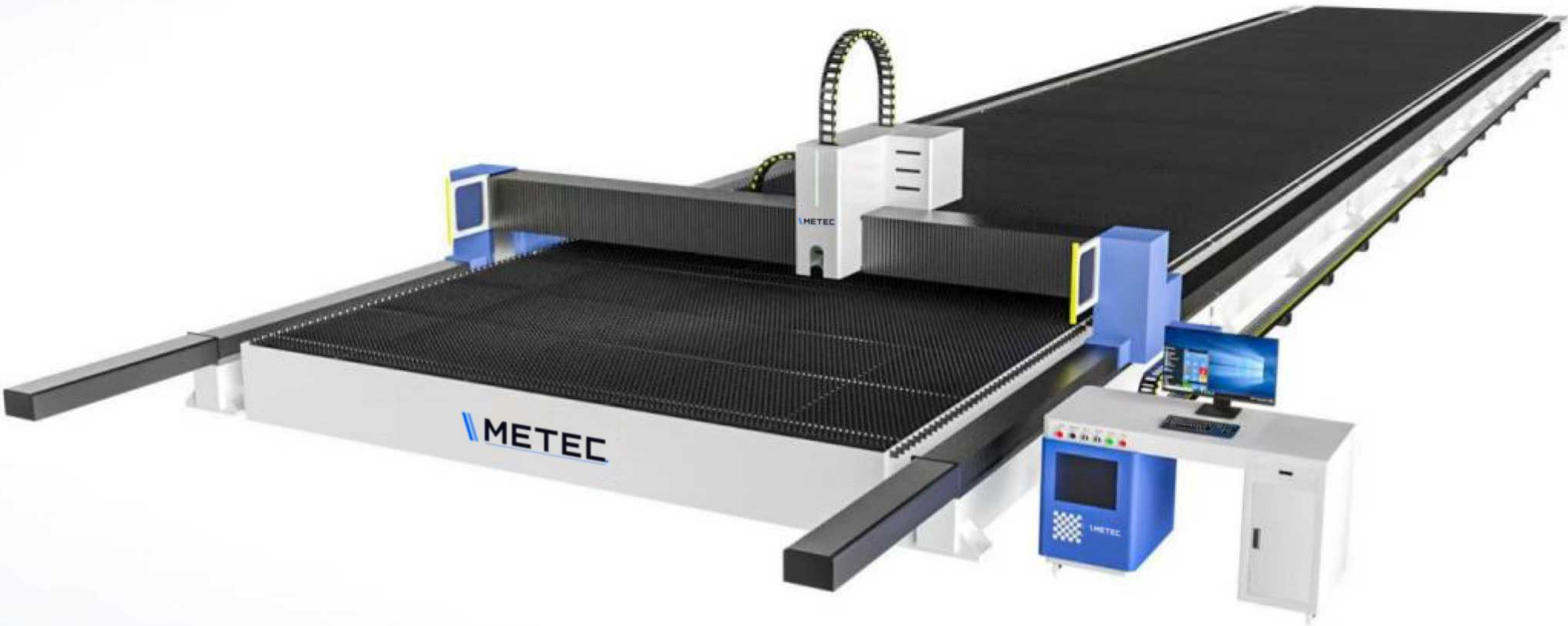
高效生产/High Efficiency

高速驱动与优化控制，实现大幅面下的高效率切割。
High-speed drives and optimized control enable efficient large-format cutting.



可定制化/Customizable

支持模块化延伸，满足多行业多场景需求。
Supports modular extension to meet different industrial application needs.



稳压器 Voltage Stabilizer

电压恒定，保护设备安全运行
Stable voltage protects equipment for safe work

稳压器为激光切割机提供稳定的电压，防止电网波动影响设备的正常工作。
The voltage regulator provides a stable voltage for the laser cutter, preventing grid fluctuations from affecting the normal operation of the equipment.



空压机 Air Compressor

选配 Optional

持续供气，保障设备稳定运行
Continuous air supply ensures stable equipment operation.

空压机为激光切割机提供稳定的压缩空气，支持切割过程中气体喷射和吹扫。它确保切割头周围气体环境的清洁，有助于提高切割质量。

The air compressor provides stable compressed air for the laser cutter, supporting gas injection and blow-off during the cutting process. It ensures a clean gas environment around the cutting head, helping to improve cutting quality.



拖链 Cable Carrier

电缆整理，减少磨损和断裂风险
Cable management reduces wear and break risks

拖链用于引导和保护电缆、气管和水管，避免在激光切割机运动过程中发生缠绕、折断或磨损。
The cable carrier is used to guide and protect cables, air pipes, and water hoses, preventing them from tangling, breaking, or wearing out during the movement of the laser cutter.



润滑装置 Lubricating Device

持续润滑，降低机械磨损
Continuous lubrication reduces mechanical wear

润滑油泵将润滑油输送到机械运动部件，减少摩擦和磨损。它保证机器运转顺畅，降低维护成本。

The lubricating oil pump delivers lubricating oil to the moving mechanical parts, reducing friction and wear. It ensures smooth operation of the machine and reduces maintenance costs.

BLG Series 地轨式激光切割机技术参数

BLG Series Ground Rail Laser Cutting Machine Technical Parameters

型号 Model	BLG 12030	BLG 14030	BLG 16030	BLG 18035	BLG 26035	BLG 36050
加工幅面 Working Area (mm)	12000*3000	14000*3000	16000*3000	18000*3500	26000*3500	36000*5000
台面承重 Table Load Bearing(Kg)	14500	16500	18850	25000	36000	71000
机床外形尺寸 Overall Dimensions (mm)	17500*5400*2000	19500*5400*2000	21500*5400*2000	23000*5400*2000	33000*5400*2000	43000*5400*2000
最大加速度 Max. Acceleration	0.8G	0.8G	0.8G	0.8G	0.8G	0.8G
最大联动速度 Max. Linkage Speed (m/min)	120	120	120	120	120	120
最大定位速度 Max Positioning Accuracy (m/min)	100	100	100	100	100	100
X轴行程 X Axis Travel (mm)	3020	3020	3020	3520	3520	5020
Y轴行程 Y Axis Travel (mm)	12550	14550	16550	18050	26050	36050
Z轴行程 Z Axis Travel (mm)	150	150	150	150	150	150
X、Y轴定位精度 X, Y Axis Positioning Accuracy (mm/m)	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
X、Y轴重复定位精度 X, Y Axis Repositioning Accuracy(mm/m)	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02

*备注：更多型号可定制
Note: More models are customizable

BLG系列平面切割系统 BLG Series Sheet Control System						
激光器 Laser Source	12000w	20000w (Standard)	20000w(High)	30000w	40000w	60000w
切割头 Laser Cutting Head	BLT442	BLT462	BLT663H	BLT683H	BLT6103H	BLT6120H
切割总线系统 Bus Controller	FSCUT-6000	FSCUT-6000	FSCUT-8000C	FSCUT-8000C	FSCUT-8000C	FSCUT-8000C
操作软件 Operating Software	CypCutPro	CypCutPro	HypCut	HypCut	HypCut	HypCut
套料软件 Nesting Software	CypnestStarter	CypnestStarter	CypnestProfessional	CypnestProfessional	CypnestProfessional	CypnestProfessional

BLG Series 地轨式激光切割机产品配置

BLG Series Ground Rail Laser Cutting Machine Product Configuration

型号 Model		BLG 12030	BLG 14030	BLG 16030	BLG 18035	BLG 26035	BLG 36050
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding					
	横梁 Beam	钢板焊接 Steel Plate Welding					
	Z轴滑动模组 Z-axis Slide Module	●					
运动系统 Motion System	伺服电机与驱动 Servo Motor and Drive	● 柏楚, 中国 BOCHU, CHINA					
	减速机 Gear Reducer	● 钛科玛格, 中国 TECHMECH, CHINA					
	导轨 Guide Rail	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA					
	齿条 Rack	● 高斯, 德国 GAUSSCN, GERMANY ◎ APEX, 中国 APEX, TAIWAN CHINA					
	防尘罩 Bellow Cover	●					
	拖链 Cable Carrier	●					
光学系统 Optical System	激光器 Laser Source	● 创鑫, 中国 Maxphotonics, CHINA ◎ 锐科, 中国 RAYCUS, CHINA					
	切割头 Laser Cutting Head	● 柏楚, 中国 BOCHU, CHINA					
控制系统 Control System	切割总线系统 Bus Controller	● 柏楚, 中国 BOCHU, CHINA					
	操作软件 Operating Software	● 柏楚, 中国 BOCHU, CHINA					
	套料软件 Nesting Software	● 柏楚, 中国 BOCHU, CHINA					
电气系统 Electrical System	电气 Electrical	● 施耐德, 法国 SCHNEIDER, FRANCE					
	稳压器 Voltage Stabilizer	●					
	工控机 Industrial PC	●					
	显示器 Display	24寸 24 inches					
	遥控手柄 Remote Controller	● 柏楚, 中国 BOCHU, CHINA					
冷却系统 Cooling System	水冷机 Water Chiller	● 汉立, 中国 HANLI, CHINA ◎ 特域, 中国 S&A, CHINA ◎ 同飞, 中国 TONGFEI, CHINA					
	电控柜换热器 Cabinet Heat Exchanger	● 同飞, 中国 TONGFEI, CHINA					
供气系统 Gas Supply System	气路阀组 Pneumatic Valve Block	● SMC, 日本 SMC, JAPAN (3000W-6000W); RAYCEE, 中国 RAYCEE, CHINA (12000W-30000W); 安沃驰, 德国 AVENTICS, GERMANY (40000W-60000W)					
	气压报警器 Pressure Alarm	●					
除尘系统 Dust Extraction System	分区除尘结构 Zoned Dust Removal Structure	●					
	离心风机 Centrifugal Fan	●					
安全系统 Safety System	紧急停止 Emergency Stop	●					
润滑系统 Lubrication System	润滑装置 Lubricating Device	Automatic					
	收油装置 Oil Collection Device	●					
易损件 Wear Parts	易损件套装 Wear Parts Kit	保护镜片 Protective lens 喷嘴 Nozzle 陶瓷环 Ceramic ring					
可选配置 Optional	空压机 Air Compressor	○					

注： ● 表示标配 ○ 表示选配(加配置) ◎ 表示选配(换配置) - 表示无此配置
Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BLP Series

Profile Steel Laser Cutting Machine 型钢激光切割机



专业切割/Specialized Cutting

针对H型钢、角钢、槽钢等型材专业设计。
Tailored for profile steel such as H-beam, angle, and channel steel.



高适应性/High Adaptability

智能夹持系统，保证加工灵活性与稳定性。
Intelligent clamping system ensures flexible and stable processing.



精密切割/Precision Cutting

先进控制系统，保障斜切和轮廓切割精度。
Advanced control system ensures accurate bevel and contour cutting.



省人省力/Labor Saving

集成自动化方案，大幅降低人工与劳动强度。
Integrated automation slashes labor needs and operator workload.



电气 Electrical

合理布局，维护电路可靠性
Rational layout maintains circuit reliability

电气负责为激光切割机的各个部件提供稳定的电力供应，它包括控制柜、开关电源、接线端子等，协调各部分的信号传输和安全保护。
The electrical is responsible for providing stable power supply to all components. It includes the control cabinet, switching power supply, terminal blocks, etc., and coordinates the signal transmission and safety protection of each part.



易损件套装 Wear Parts Kit

配件齐全，方便快速更换
Complete parts for easy and quick replacement

易损件套装包含常用的易损零部件，例如喷嘴、保护镜片、陶瓷环，方便及时更换。它有助于保障生产的连续性。
The wear parts kit includes commonly components, such as nozzles, protective lenses, and ceramic rings, facilitating timely replacement. It helps ensure the continuity of production.



切割头 Laser Cutting Head

智能聚焦，适应多种材料
Intelligent focusing adapting to various materials

切割头具备智能调焦功能，灵活应对不同材质与厚度的切割需求。
The cutting head features smart focusing to handle various materials and thicknesses with ease.



切割总线系统 Bus Controller

集中控制，提高响应效率
Centralized control for higher response efficiency

总线系统集成多种控制模块，提升数据传输速度和设备响应效率。
The bus controller integrates multiple control modules, improving data transmission speed and response efficiency.

BLP Series 型钢激光切割机技术参数

BLP Series Profile Steel Laser Cutting Machine Technical Parameters

型号 Model	BLP 12020	BLP 26035	BLP 36050
加工区域 Working Area (mm)	型钢切割Profile Steel Cutting (W*H) : 1000*800 板材垂直切割Sheet Vertical Cutting (L*W): 12000*2000 板材剖口切割Sheet Bevel Cutting(L*W): 11000*1500	型钢切割Profile Steel Section Cutting (W*H) : 1800*800 板材垂直切割Sheet Vertical Cutting (L*W): 26000*3600 板材剖口切割Sheet Bevel Cutting (L*W): 25000*3100	型钢切割Profile Steel Section Cutting (W*H) : 2500*800 板材垂直切割Sheet Vertical Cutting (L*W): 36000*3600 板材剖口切割Sheet Bevel Cutting (L*W): 35000*4500
机床外形尺寸 Overall Dimensions (mm)	17000*4300*3500	31000*5800*3500	41000*5800*3500
最大加速度 Max. Acceleration	0.8G	0.8G	0.8G
最大联动速度 Max. Linkage Speed (m/min)	80	80	80
最大定位速度 Max Positioning Accuracy (m/min)	60	60	60
X轴行程 X Axis Travel (mm)	12020	26020	36020
Y轴行程 Y Axis Travel (mm)	2050	3650	5050
Z轴行程 Z Axis Travel (mm)	1200	1200	1200
X、Y轴定位精度 X, Y Axis Positioning Accuracy (mm/m)	±0.03	±0.03	±0.03
X、Y轴重复定位精度 X, Y Axis Repositioning Accuracy(mm/m)	±0.02	±0.02	±0.02

BLP系列型钢切割系统 BLP Series Profile Steel Control System				
激光器 Laser Source	12000w	20000w	30000w	40000w
切割头 Laser Cutting Head	BLT442P	BLT462P	BLT482P	BLT4102P
切割总线系统 Bus Controller	FSCUT-9200	FSCUT-9200	FSCUT-9200	FSCUT-9200
操作软件 Operating	FACut	FACut	FACut	FACut
套料软件 Nesting Software	TubesT	TubesT	TubesT	TubesT

BLP Series 型钢激光切割机产品配置

BLP Series Profile Steel Laser Cutting Machine Product Configuration

系统 System	型号 Model	BLP 12020	BLP 26035	BLP 36050
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding		
	横梁 Beam	钢板焊接 Steel Plate Welding		
	Z轴滑动模组 Z-axis Slide Module	●		

BLP Series 型钢激光切割机产品配置

BLP Series Profile Steel Laser Cutting Machine Product Configuration

系统 System	型号 Model	BLP 12020	BLP 26035	BLP 36050
运动系统 Motion System	伺服电机与驱动 Servo Motor and Drive	● 柏楚, 中国 BOCHU, CHINA		
	减速机 Gear Reducer	● 钦科玛格, 中国 TECHMECH, CHINA		
	导轨 Guide Rail	● 高斯, 德国GAUSSCN, GERMANY ◎上银, 中国 HIWIN, TAIWAN CHINA		
	齿条 Rack	● 高斯, 德国GAUSSCN, GERMANY ◎APEX, 中国 APEX, TAIWAN CHINA		
	防尘罩 Bellow Cover	●		
	拖链 Cable Carrier	●		
光学系统 Optical System	激光器 Laser Source	● 创鑫, 中国 Maxphotronics, CHINA ◎ 锐科, 中国 RAYCUS, CHINA		
	切割头 Laser Cutting Head	● 柏楚, 中国 BOCHU, CHINA		
控制系统 Control System	切割总线系统 Bus Controller	● 柏楚, 中国 BOCHU, CHINA		
	操作软件 Operating Software	● 柏楚, 中国 BOCHU, CHINA		
	套料软件 Nesting Software	● 柏楚, 中国 BOCHU, CHINA		
电气系统 Electrical System	电气 Electrical	● 施耐德, 法国 SCHNEIDER, FRANCE		
	稳压器 Voltage Stabilizer	●		
	工控机 Industrial PC	●		
	显示器 Display	24寸 24 inches		
	遥控手柄 Remote Controller	● 柏楚, 中国 BOCHU, CHINA		
冷却系统 Cooling System	水冷机 Water Chiller	● 汉立, 中国 HANLI, CHINA ◎ 特域, 中国 S&A, CHINA ◎同飞, 中国 TONGFEI, CHINA		
	电控柜换热器 Cabinet Heat Exchanger	● 同飞, 中国 TONGFEI, CHINA		
供气系统 Gas Supply System	气路阀组 Pneumatic Valve Block	● SMC, 日本SMC, JAPAN (3000W-6000W); RAYCEE, 中国RAYCEE, CHINA (12000W-30000W); 安沃驰,德国AVENTICS, GERMANY(40000W-60000W)		
	气压报警器 Pressure Alarm	●		
安全系统 Safety System	紧急停止 Emergency Stop	●		
润滑系统 Lubrication System	润滑装置 Lubricating Device	Automatic		
	收油装置 Oil Collection Device	●		
易损件 Wear Parts	易损件套装 Wear Parts Kit	保护镜片 Protective lens 喷嘴 Nozzle 陶瓷环 Ceramic ring		
可选配置 Optional	空压机 Air Compressor	○		

注：● 表示标配 ○ 表示选配(加配置) ◎表示选配(换配置) - 表示无此配置 Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BLT2 Series

2 Chuck Tube Laser Cutting Machine

2卡盘管材激光切割机



多种管材/Versatile Tubes

可切割圆管、方管、矩形管及异型管材。
Suitable for round, square, rectangular, and special-shaped tubes cutting.



高速切割/High Speed

专用卡盘设计，实现高速稳定旋转切割。
Specialized chuck design ensures rapid and precise rotation.



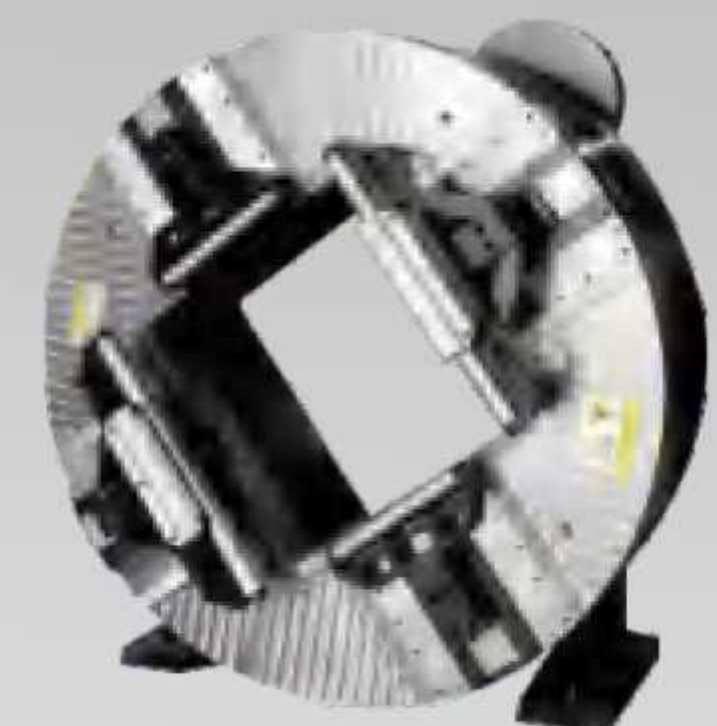
高效生产/High Efficiency

双卡盘交替夹持，实现切割与上下料同步。
Dual chucks alternate for simultaneous cutting and loading.



剖口切割/High Efficiency

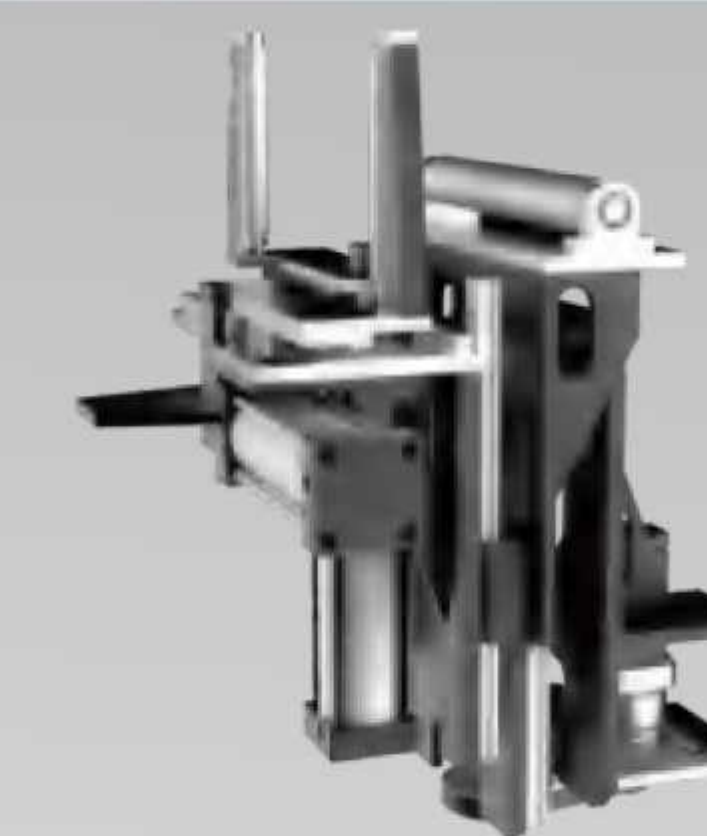
支持坡口切割，满足复杂管材加工。
Supports bevel cutting for advanced tube processing needs.



前卡盘 Front Chuck

精密夹紧，提升加工稳定性
Precise clamping to enhance machining stability

卡盘牢固固定管材，防止旋转偏差，保障切割效果。
The chuck firmly secures the tube to prevent rotational deviation, ensuring overall processing effect.



伺服托辊 Servo Support Roller

动态支撑，避免管材下垂
Dynamic support to prevent tube sagging

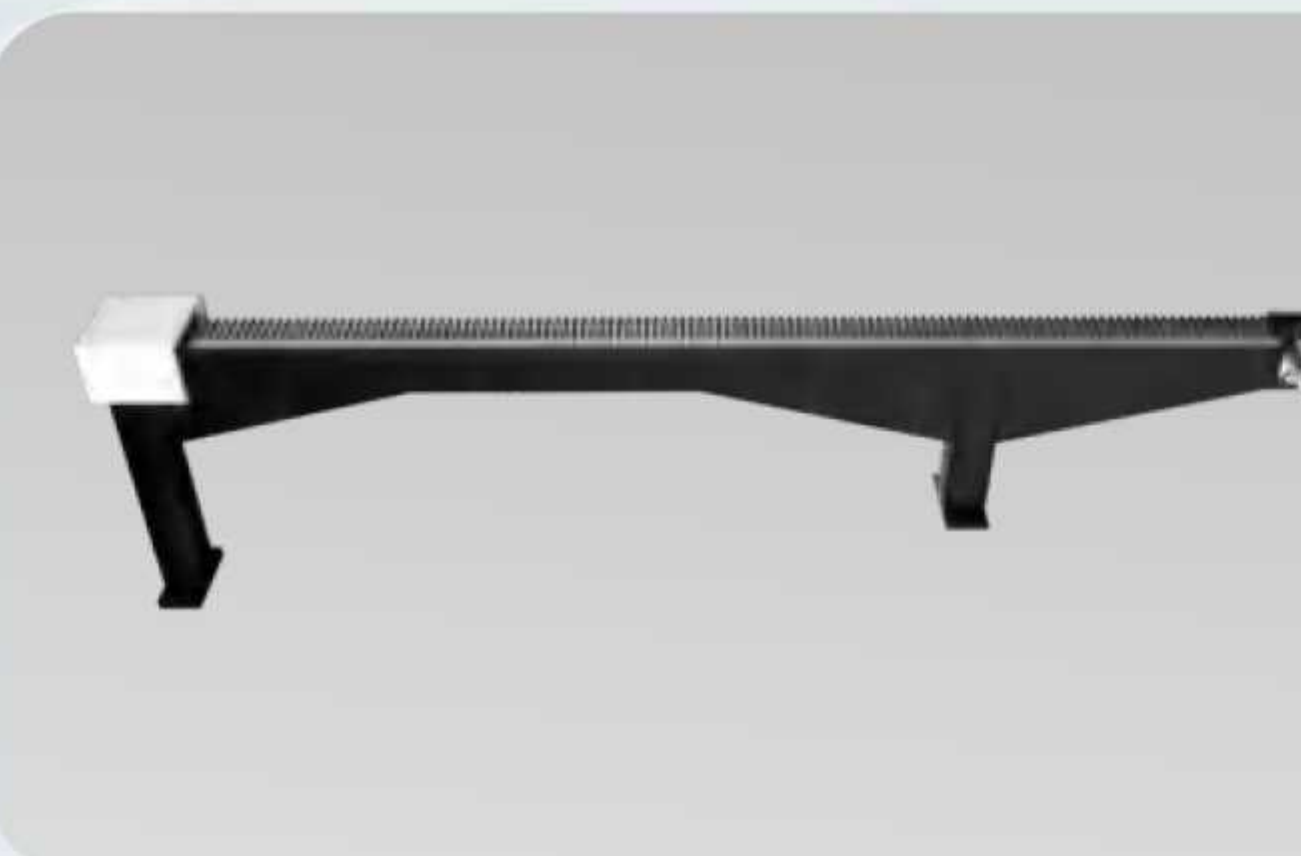
伺服托辊可根据管材位置智能升降，防止长管下垂影响切割精度。
The servo roller intelligently adjusts to support tubes, preventing sagging and ensuring cutting accuracy for long tubes.



后卡盘 Rear Chuck

多卡盘设计，适应多规格
Multi-chuck design for versatile applications

多卡盘设计可同时适应不同长度和直径的管材，拓宽加工范围。
A multi-chuck design accommodates various tube lengths and diameters, expanding processing versatility.



半自动上料装置 Semi-Automatic Loading System

选配 Optional

简化上料，提升作业效率
Simplified loading enhancing operational efficiency

半自动上料系统减少人工搬运，提升上料速度和效率。
The semi-automatic loading system reduces manual handling, improving loading speed and efficiency.

BLT2 Series 2卡盘管材激光切割机技术参数

2 Chuck Tube Laser Cutting Machine Technical Parameters

型号 Model	BLT2 6012	BLT2 6016	BLT2 6024	BLT2 6030	BLT2 6035	BLT2 9030	BLT2 9035	BLT2 12030	BLT2 12035
管材最大长度 Max Tube Length (mm)	6000mm	6000mm	6000mm	6000mm	6000mm	9000mm	9000mm	12000mm	12000mm
管材尺寸范围 Tube Size Range (mm)	φ10~120mm □10~120mm	φ10~160mm □10~160mm	φ10~240mm □10~240mm	φ10~290mm □10~290mm	φ20~360mm □20~360mm	φ10~290mm □10~290mm	φ20~360mm □20~360mm	φ10~290mm □10~290mm	φ20~360mm □20~360mm
管材最大重量 Max Tube Weight(kg)	120	150	250	300	600	450	900	600	1200
最短余料 Shortest Remnant Length (mm)	零尾料 No waste materials	零尾料 No waste materials	零尾料 No waste materials	零尾料 No waste materials	零尾料 No waste materials	零尾料 No waste materials	零尾料 No waste materials	零尾料 No waste materials	零尾料 No waste materials
机床外形尺寸 Overall Dimensions (mm)	13000*2100*3000	13000*2100*3000	13000*2100*3000	13000*2100*3000	13000*2100*3000	18000*2100*3000	18000*2100*3000	23000*2100*3000	23000*2100*3000
激光头移动轴 最大速度 Max Speed of Laser Head (m/min)	100	100	100	100	100	100	100	100	100
激光头移动轴 最大加速度 Max Acceleration of Laser Head (m/s²)	0.8G	0.8G	0.8G	0.8G	0.8G	0.8G	0.8G	0.8G	0.8G
卡盘最大转速 Max Rotational Speed of Chuck(r/min)	160	120	120	120	80	120	80	120	80
卡盘送料轴最大速度 Max Speed of Chuck Feed Shaft(m/min)	150	120	100	80	80	80	80	80	80
卡盘送料轴最大加速度 Max Acceleration of Chuck Feed shaft(m/s²)	1.0G	1.0G	1.0G	1.0G	1.0G	1.0G	1.0G	1.0G	1.0G
定位精度 Positioning Accuracy (mm)	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
重复定位精度 Repositioning Accuracy (mm)	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02

🔗 BLT2系列 2卡盘管材切割系统 BLT2 Series 2 Chuck Tube Control System				
激光器 Laser Source	3000w	6000w	12000w	20000w
切割头 Laser Cutting Head	BLT310T	BLT421TS	BLT442T	BLT462T
切割总线系统 Bus Controller	Chuck diameter ≤ 120mm: FSCUT-3000DE-A; Chuck diameter ≤ 180mm: FSCUT-3000DE-D; Chuck diameter> 180mm: FSCUT-3000DE-G	Chuck diameter ≤ 120mm: FSCUT-3000DE-A; Chuck diameter ≤ 180mm: FSCUT-3000DE-D; Chuck diameter> 180mm: FSCUT-3000DE-G	Chuck diameter ≤ 120mm: FSCUT-3000DE-A; Chuck diameter ≤ 180mm: FSCUT-3000DE-D; Chuck diameter> 180mm: FSCUT-3000DE-G	Chuck diameter ≤ 120mm: FSCUT-3000DE-A; Chuck diameter ≤ 180mm: FSCUT-3000DE-D; Chuck diameter> 180mm: FSCUT-3000DE-G
操作软件 Operating Software	TubePro	TubePro	TubePro	TubePro
套料软件 Nesting Software	TubeST 2-Chuck	TubeST 2-Chuck	TubeST 2-Chuck	TubeST 2-Chuck

BLT2 Series 2卡盘管材激光切割机产品配置

BLT2 2 Chuck Tube Laser Cutting Machine Product Configuration

系统 System	型号 Model	BLT2 6012	BLT2 6016	BLT2 6024	BLT2 6030	BLT2 6035	BLT2 9030	BLT2 9035	BLT2 12030	BLT2 12035
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding								
	卡盘 Chuck	气动卡盘 pneumatic chuck								
	卡盘数量 Chuck Number	2								
	伺服托辊 Servo Support Roller	2组 2 Sets	2组 2 Sets	2组 2 Sets	2组 2 Sets	2组 2 Sets	3组 3 Sets	3组 3 Sets	4组 4 Sets	4组 4 Sets
	伺服落料架 Servo Unloading Rack	1组 1 Sets	1组 1 Sets	1组 1 Sets	1组 1 Sets	1组 1 Sets	2组 2 Sets	2组 2 Sets	2组 2 Sets	2组 2 Sets
	Z轴滑动模组 Z-axis Slide Module	●								
运动系统 Motion System	伺服电机与驱动 Servo Motor and Drive	● 柏楚, 中国 BOCHU, CHINA								
	减速机 Gear Reducer	● 钛科玛格, 中国 TECHMECH, CHINA								
	导轨 Guide Rail	● 高斯, 德国GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA								
	齿条 Rack	● 高斯, 德国GAUSSCN, GERMANY ◎ APEX, 中国 APEX, TAIWAN CHINA								
	拖链 Cable Carrier	●								
光学系统 Optical System	激光器 Laser Source	● 创鑫, 中国 Maxphotronics, CHINA ◎ 锐科, 中国 RAYCUS, CHINA								
	切割头 Laser Cutting Head	● 柏楚, 中国 BOCHU, CHINA								
控制系统 Control System	切割总线系统 Bus Controller	● 柏楚, 中国 BOCHU, CHINA								
	操作软件 Operating Software	● 柏楚, 中国 BOCHU, CHINA								
	套料软件 Nesting Software	● 柏楚, 中国 BOCHU, CHINA								
电气系统 Electrical System	电气 Electrical	● 施耐德, 法国 SCHNEIDER, FRANCE								
	稳压器 Voltage Stabilizer	●								
	工控机 Industrial PC	●								
	显示器 Display	24寸 24 inches								
	遥控手柄 Remote Controller	● 柏楚, 中国 BOCHU, CHINA								
冷却系统 Cooling System	水冷机 Water Chiller	● 汉立, 中国 HANLI, CHINA ◎ 特域, 中国 S&A, CHINA ◎ 同飞, 中国 TONGFEI, CHINA								
	电控柜换热器 Cabinet Heat Exchanger	● 同飞, 中国 TONGFEI, CHINA								
供气系统 Gas Supply System	气路阀组 Pneumatic Valve Block	● SMC, 日本 SMC, JAPAN (3000W-6000W); RAYCEE, 中国 RAYCEE, CHINA (12000W-30000W); 安沃驰,德国 AVENTICS, GERMANY(40000W-60000W)								
	气压报警器 Pressure Alarm	●								
除尘系统 Dust Extraction System	除尘结构 Dust Removal Structure	●								
	离心风机 Centrifugal Fan	●								
安全系统 Safety System	紧急停止 Emergency Stop	●								
润滑系统 Lubrication System	润滑装置 Lubricating Device	Automatic								
	收油装置 Oil Collection Device	●								
易损件 Wear Parts	易损件套装 Wear Parts Kit	保护镜片 Protective lens 喷嘴 Nozzle 陶瓷环 Ceramic ring								
可选配置 Optional	空压机 Air Compressor	○								
	上料装置 Loading System	○ 半自动上料装置 Semi-Automatic Loading System ○ 自动上料装置 Fully-Automatic Loading System								

注：● 表示标配 ○ 表示选配(加配置) ◎ 表示选配(换配置) - 表示无此配置 Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BLT3 Series

3 Chuck Tube Laser Cutting Machine

3卡盘管材激光切割机



无尾料切割/Zero Tailings

三卡盘夹持实现无尾料切割，最大化材料利用率，显著降低生产成本。

Three-chuck clamping achieves zero-tail cutting, maximizing material utilization and reducing production cost.



稳定支撑/Stable Support

多点夹持支撑保证长管加工稳定性，降低振动，提高切割精度。

Multi-point chuck positioning ensures long tube stability, minimizing vibration and improving cutting precision.



广泛适用/Wide Adaptability

兼容圆管、方管及异形管，灵活加工，满足多行业应用需求。

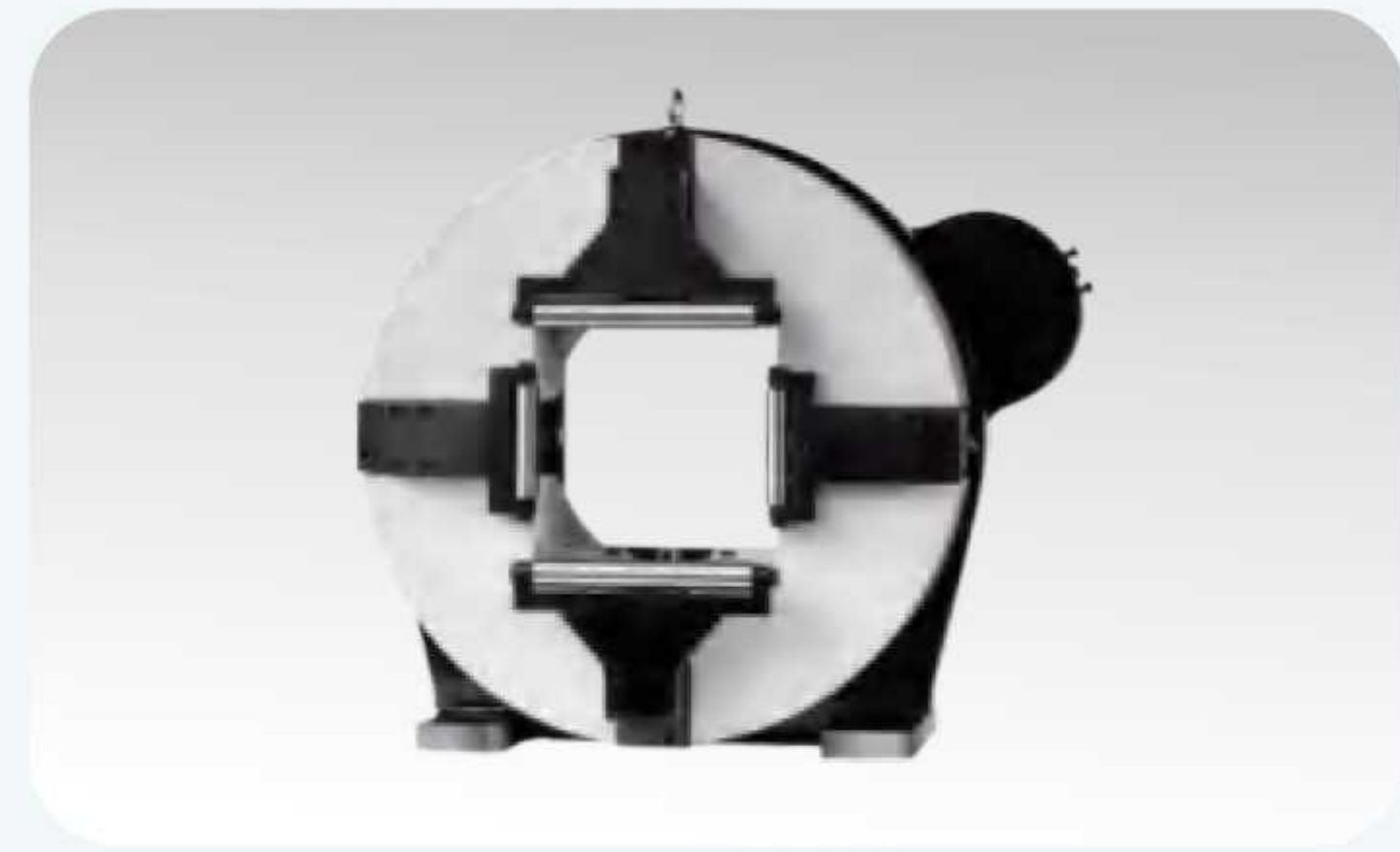
Supports round, square, and irregular tubes with flexible processing for diverse industries.



智能产线/Smart Line Ready

模块化设计，可轻松接入自动化生产线系统。

Modular design allows easy integration into full automated production lines.



中间卡盘 Center Chuck

刚性显著提升，切割质量完美如一

Enhanced Rigidity for Flawless Cut Quality

三卡盘协同工作，极大增强管材刚性，避免远端抖动造成的切口倾斜或毛刺，保障每段切割的完美质量，尤其适合精密切割。

Three chucks work in synergy to maximize tube rigidity, preventing angled cuts or burrs caused by tip vibration, guaranteeing perfect finish on every cut, ideal for precision machining.



剖口切割头 Bevel Cutting Head

复杂工艺一次完成，省时省力省成本

Complete Complex Profiles in a Single Operation

该切割头能进行斜切和仿形切割，轻松应对管材相贯线、开孔及倒角等复杂工艺，极大提升加工能力与效率。

Enables angled and contour cutting, easily handling complex processes like intersecting lines, hole cutting, and chamfering, vastly expanding capabilities and efficiency.



套料软件 Nesting Software

智能优化排样，极致节省管材消耗

Intelligent Nesting, Maximizes Material Savings

软件自动优化排版方案，紧密排列切割零件，大幅提升原材料利用率，显著降低单件成本，实现降本增效。

Automatically optimizes layout plans to nest parts tightly, drastically improving raw material utilization, reducing per-part cost, and boosting cost-effectiveness.



自动上料装置 Auto Loading System

选配 Optional

降本提效，解放人力稳定生产

Reduce Costs & Labor, Ensure Consistent Output

无缝衔接原料库与加工机，大幅减少人工干预与吊装时间，保障高效稳定连续生产，同时降低人力成本与作业风险。

Seamlessly integrate the raw material warehouse with processing machines, significantly reducing manual intervention and hoisting time, ensuring efficient, stable, and continuous production while lowering labor costs and operational risks.

BLT3 Series 3卡盘管材激光切割机技术参数

3 Chuck Tube Laser Cutting Machine Technical Parameters

型号 Model	BLT3 9035	BLT3 9052	BLT3 9064	BLT3 12035	BLT3 12052	BLT3 12064
管材最大长度 Max Tube Length (mm)	9000mm	9000mm	9000mm	12000mm	12000mm	12000mm
管材尺寸范围 Tube Size Range (mm)	φ10 ~350mm □10 ~350mm	φ25 ~520mm □25 ~520mm	φ80 ~640mm □80 ~640mm	φ10 ~350mm □10 ~350mm	φ25 ~520mm □25 ~520mm	φ80 ~640mm □80 ~640mm
管材最大重量 Max Tube Weight(kg)	900	1500	1800	1200	2000	2500
最短余料 Shortest Remnant Length (mm)	零尾料 No waste materials	零尾料 No waste materials	零尾料 No waste materials	零尾料 No waste materials	零尾料 No waste materials	零尾料 No waste materials
机床外形尺寸 Overall Dimensions (mm)	36000*2100*3000	36000*2100*3000	36000*2100*3000	46000*2100*3000	46000*2100*3000	46000*2100*3000
激光头移动轴 最大速度 Max Speed of Laser Head (m/min)	100	100	100	100	100	100
激光头移动轴 最大加速度 Max Acceleration of Laser Head (m/s²)	0.8G	0.8G	0.8G	0.8G	0.8G	0.8G
卡盘最大转速 Max Rotational Speed of Chuck(r/min)	160	160	160	160	160	160
卡盘送料轴最大速度 Max Speed of Chuck Feed Shaft(m/min)	80	60	40	80	60	40
卡盘送料轴最大加速度 Max Acceleration of Chuck Feed shaft(m/s²)	1.0G	1.0G	1.0G	1.0G	1.0G	1.0G
定位精度 Positioning Accuracy (mm)	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
重复定位精度 Repositioning Accuracy (mm)	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02

BLT3系列 3卡盘管材切割系统 BLT3 Series 3 Chuck Tube Control System				
激光器 Laser Source	3000w	6000w	12000w	20000w
切割头 Laser Cutting Head	BLT310T	BLT421TS	BLT442T	BLT462T
切割总线系统 Bus Controller	FSCUT-5000A	FSCUT-5000A	FSCUT-5000A	FSCUT-5000A
操作软件 Operating Software	TubePro	TubePro	TubePro	TubePro
套料软件 Nesting Software	TubesT Professional	TubesT Professional	TubesT Professional	TubesT Professional

BLT3 Series 3卡盘管材激光切割机产品配置

BLT3 3 Chuck Tube Laser Cutting Machine Product Configuration

系统 System	型号 Model	BLT3 9035	BLT3 9052	BLT3 9064	BLT3 12035	BLT3 12052	BLT3 12064
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding					
	卡盘 Chuck	气动卡盘 pneumatic chuck					
	卡盘数量 Chuck Number	3					
	伺服托辊 Servo Support Roller	4组 4 Sets					
	伺服落料架 Servo Unloading Rack	2组 2 Sets					
	Z轴滑动模组 Z-axis Slide Module	●					
运动系统 Motion System	伺服电机与驱动 Servo Motor and Drive	● 柏楚, 中国 BOCHU, CHINA					
	减速机 Gear Reducer	● 钛科玛格, 中国 TECHMECH, CHINA					
	导轨 Guide Rail	● 高斯, 德国GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA					
	齿条 Rack	● 高斯, 德国GAUSSCN, GERMANY ◎ APEX, 中国 APEX, TAIWAN CHINA					
	拖链 Cable Carrier	●					
光学系统 Optical System	激光器 Laser Source	● 创鑫, 中国 Maxphotonics, CHINA ◎ 锐科, 中国 RAYCUS, CHINA					
	切割头 Laser Cutting Head	● 柏楚, 中国 BOCHU, CHINA					
控制系统 Control System	切割总线系统 Bus Controller	● 柏楚, 中国 BOCHU, CHINA					
	操作软件 Operating Software	● 柏楚, 中国 BOCHU, CHINA					
	套料软件 Nesting Software	● 柏楚, 中国 BOCHU, CHINA					
电气系统 Electrical System	电气 Electrical	● 施耐德, 法国 SCHNEIDER, FRANCE					
	稳压器 Voltage Stabilizer	●					
	工控机 Industrial PC	●					
	显示器 Display	24寸 24 inches					
	遥控手柄 Remote Controller	● 柏楚, 中国 BOCHU, CHINA					
冷却系统 Cooling System	水冷机 Water Chiller	● 汉立, 中国 HANLI, CHINA ◎ 特域, 中国 S&A, CHINA ◎ 同飞, 中国 TONGFEI, CHINA					
	电控柜换热器 Cabinet Heat Exchanger	● 同飞, 中国 TONGFEI, CHINA					
供气系统 Gas Supply System	气路阀组 Pneumatic Valve Block	● SMC, 日本 SMC, JAPAN (3000W-6000W); RAYCEE, 中国 RAYCEE, CHINA (12000W-30000W); 安沃驰,德国 AVENTICS, GERMANY(40000W-60000W)					
	气压报警器 Pressure Alarm	●					
除尘系统 Dust Extraction System	除尘结构 Dust Removal Structure	●					
	离心风机 Centrifugal Fan	●					
安全系统 Safety System	紧急停止 Emergency Stop	●					
润滑系统 Lubrication System	润滑装置 Lubricating Device	Automatic					
	收油装置 Oil Collection Device	●					
易损件 Wear Parts	易损件套装 Wear Parts Kit	保护镜片 Protective lens 喷嘴 Nozzle 陶瓷环 Ceramic ring					
可选配置 Optional	空压机 Air Compressor	○					
	上料装置 Loading System	○ 半自动上料装置 Semi-Automatic Loading System ○ 自动上料装置 Fully-Automatic Loading System					

注：● 表示标配 ○ 表示选配(加配置) ◎ 表示选配(换配置) - 表示无此配置 Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BLST Series

Open Single Table Sheet & Tube Laser Cutting Machine

单台面敞开式板管一体激光切割机



双重功能/Dual Function

一机兼顾板材和管材切割，节省投资成本。
One machine handles both sheet and tube cutting, reducing investment cost.



灵活切换/Flexible Switching

板管切割模式快速切换，提高加工效率。
Quick mode switching for sheet and tube cutting, improving efficiency.



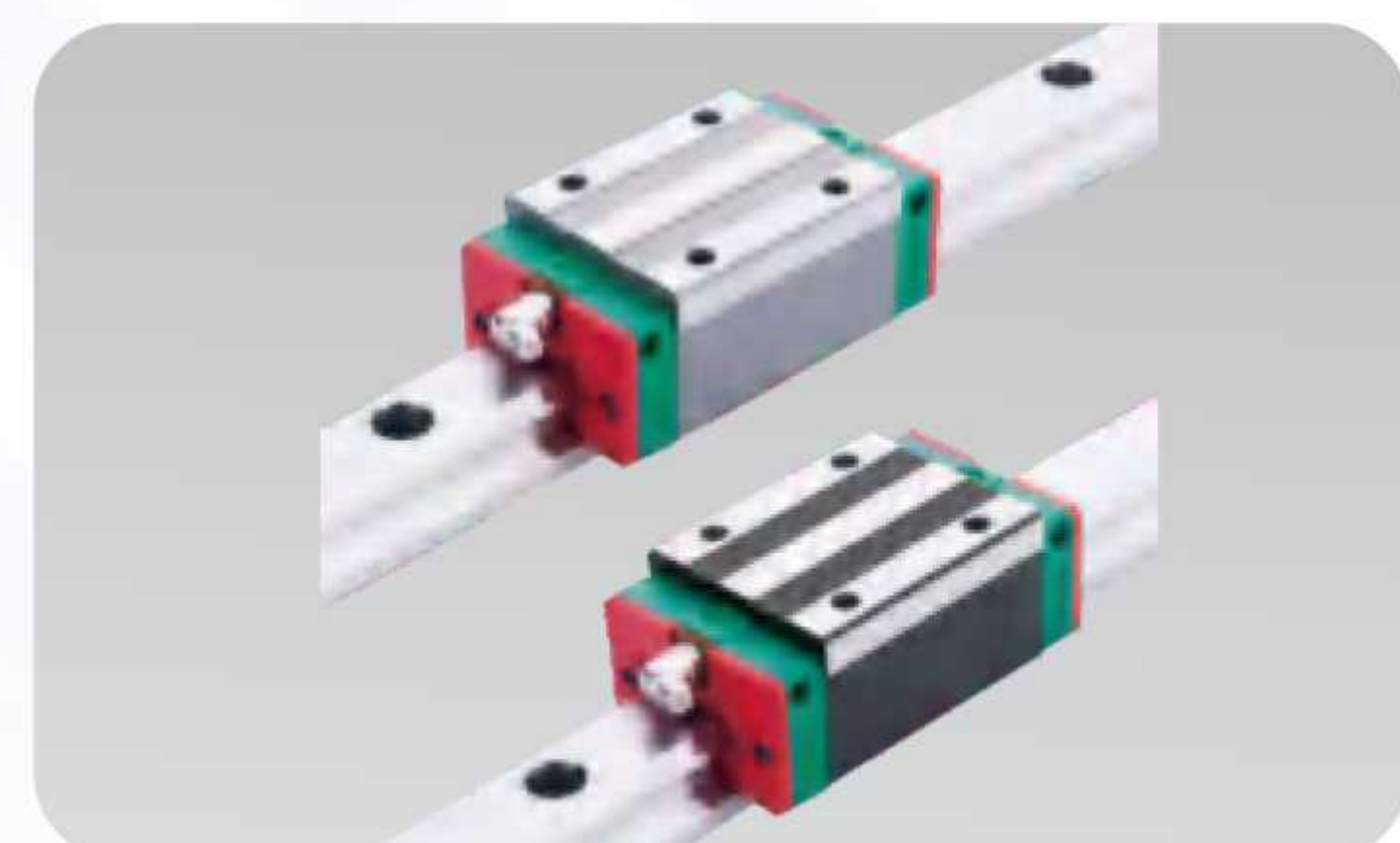
紧凑设计/Compact Design

单台面敞开式结构，占地小却功能齐全。
Open single table saves space while offering dual capabilities.



高性价比/Cost-Effective

以单机投入，同时解决板管两类切割需求。
Single investment meets both plate and tube cutting needs.



导轨 Guide Rail

精密导轨引导，动作流畅自然
Precision guide rails ensure smooth, natural motion

高精度的导轨可降低机械摩擦和磨损，延长设备寿命，并保持长时间加工的稳定性和精度。
High-precision guide rails reduce mechanical friction and wear, extend equipment lifespan, and maintain stability and accuracy during long-term processing.



齿条 Rack

动力传输精准，效率优异
Accurate power transmission with superior efficiency

齿条与齿轮配合，将电机的旋转运动转化为切割头或工作台的直线运动，实现快速而精准的定位。
The rack with the gear to convert the motor's rotary motion into linear movement of the cutting head or worktable, achieving fast and precise positioning.



气路阀组 Pneumatic Valve Block

精准控制，保障切割品质
Precise control for cutting quality assurance

气路阀组精确控制各路气体流量，确保切割质量和效率。
The pneumatic valve block precisely controls gas flows, ensuring cutting quality and efficiency.



水冷机 Water Chiller

高效制冷，保护核心部件
Single table design for intuitive and flexible operation

高效水冷机为激光器等核心部件提供稳定冷却，防止过热损坏。
The efficient water chiller provides stable cooling for core components like the laser source, preventing overheating.

BLSTD Series

Open Double Table Sheet & Tube Laser Cutting Machine

交换台敞开式板管一体激光切割机



连续切割/Continuous Cutting

双交换台设计，支持同时切割与上下料。

Double exchange tables enable simultaneous cutting and loading/unloading.



灵活生产/Flexible Production

适应多种板材厚度和管材规格，满足不同需求。

Supports various materials and thicknesses for diverse applications.



节省时间/Time Saving

快速交换，减少空闲时间，大幅提升产能。

Fast exchange reduces idle time, boosting overall productivity.



投资回报高/High ROI

近双倍效率提升，快速回本，效益显著。

Near double efficiency for fast return on investment.



激光器 Laser Source

强劲能量输出，提升切割速度
Powerful energy output increases cutting speed

激光器是用于产生高能量、高密度的激光束，以熔化或汽化金属。不同功率和类型的激光器可满足各种材料的加工需求。

The laser is used to generate high-energy and high-density laser beams to melt or vaporize metals. Lasers of different powers and types can meet the processing requirements of materials and thicknesses.

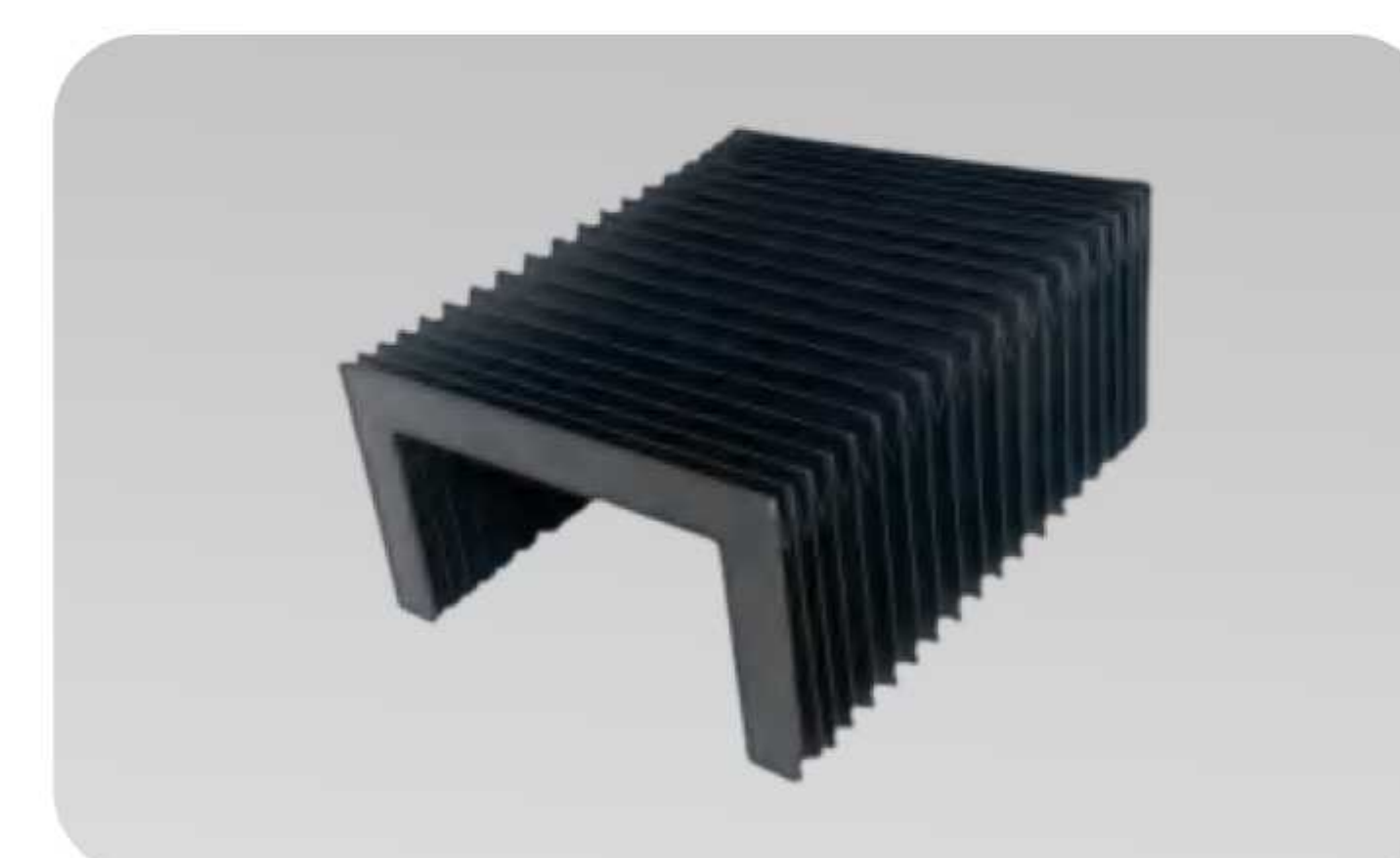


遥控手柄 Remote Controller

无线操控，提升操作灵活便利
Wireless control enhances flexible and convenience.

无线遥控手柄用于远距离操控激光切割机，方便操作人员进行走位、调试和简易控制。

The remote controller is used for operating the machine from a distance, making it convenient for operators to perform positioning, debugging, and basic control.

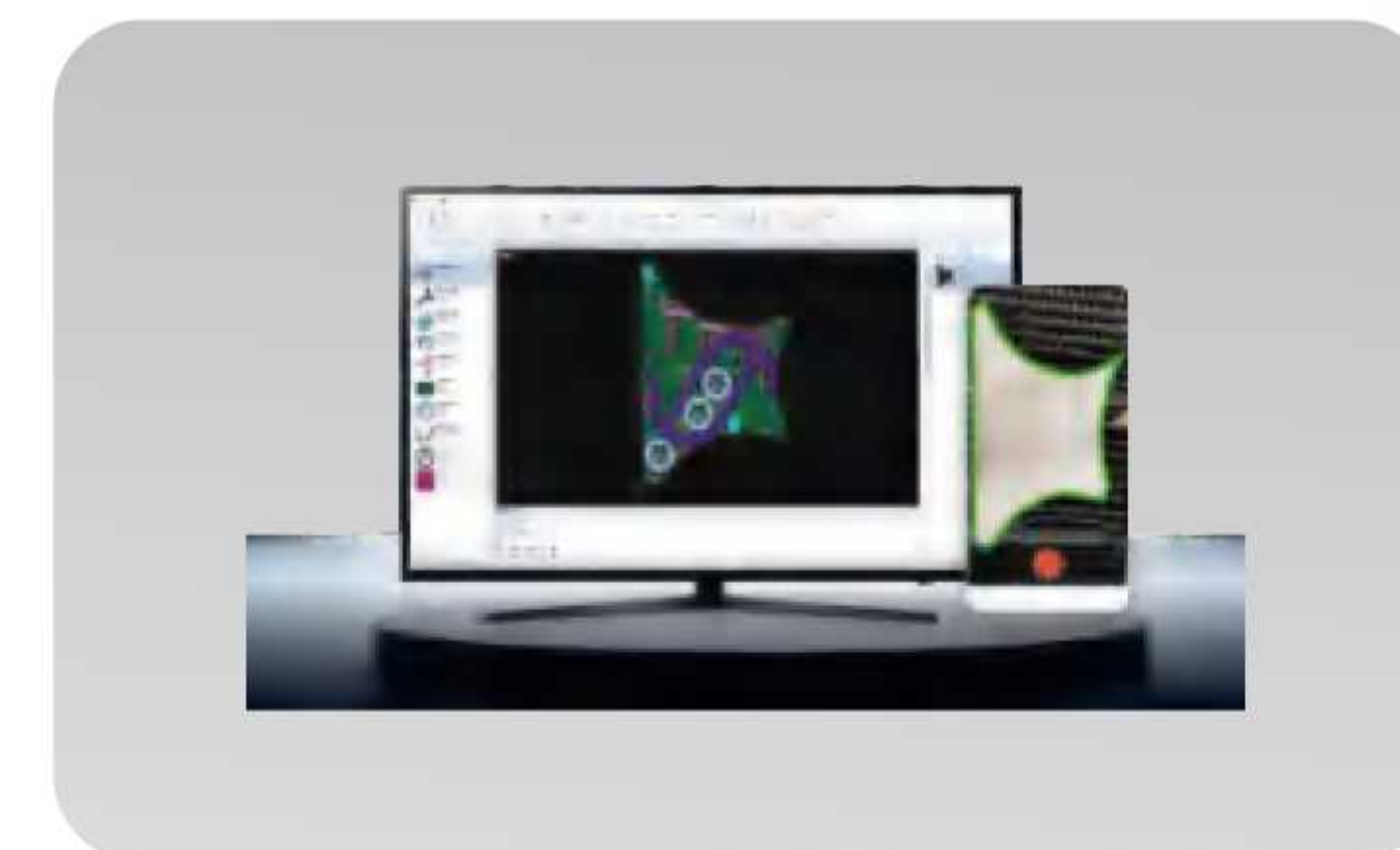


防尘罩 Bellow Cover

防尘设计，有效延长机械寿命
Dust-proof design extends machinery lifespan

防尘罩用于保护导轨、丝杆等运动部件，防止灰尘、金属碎屑及激光烟尘进入，延长设备使用寿命。

The bellow cover is used to protect moving parts such as guide rails and ball screws, preventing dust, metal debris, and laser fumes from entering and extending the machine's service life.



套料软件 Nesting Software

优化排版，节省材料降低成本
Optimizes layout, saves material and reduces cost.

套料软件用于优化材料利用率，通过智能排布切割图形，减少废料和加工成本。它支持多种板材尺寸和形状，帮助企业实现节约目标。

Nesting software is used to optimize material utilization. By intelligently arranging cutting patterns, it reduces waste. It supports a variety of sheet sizes and shapes, helping enterprises achieve their cost savings goals.

BLSTF Series

Enclosed Double Table Sheet & Tube Laser Cutting Machine

交换台封闭式板管一体激光切割机



多合一/All-in-One

全封闭双交换台，实现高效板管一体加工。
Full enclosure with double tables supports sheet and tube cutting efficiently.



安全洁净/Safety & Clean

防护罩+除尘系统，保障操作安全和清洁生产。
Protective cover and dust removal ensure safety and clean environment.



极致效率/Max Productivity

板管两用+快速交换，提供极致切割效率。
Dual function with fast exchange offers maximum cutting productivity.



智能监控/Smart Monitoring

可视化系统，实时监控加工全过程。
Visual system monitors the entire processing in real-time.



操作软件 Operating Software

界面友好，操作简便高效
User-friendly interface for easy operation

软件直观易用，帮助用户快速掌握操作，提高工作效率。
The software is intuitive and easy to use, helping users quickly master operations and improve efficiency.



床身 Bed

高强度结构，保障机身稳定
High-strength structure to ensure machine stability

床身采用高强度结构设计，有效减少振动，提升切割精度和机器寿命。
The bed adopts a reinforced structure to reduce vibration, improving cutting accuracy and machine lifespan.



工控机 Industrial PC

高速运算，支持复杂任务
High-speed computing for complex tasks

工控机性能强劲，能快速处理复杂图形与数据运算任务。
The industrial PC offers powerful performance, quickly handling complex graphics and data processing tasks.



电控柜换热器 Cabinet Heat Exchanger

控温精准，延长元件寿命
Precise temperature control for longer lifespan

换热器精准控制电控柜内部温度，保护电子元件稳定运行。
The heat exchanger precisely regulates cabinet temperature, protecting electronic components for stable operation.

BPA Series

Electro-Hydraulic Synchronous CNC Press Brake Machine

电液同步数控折弯机



绿色环保/Eco-Friendly

创新密封设计，杜绝漏油，保持车间洁净。
Innovative sealing design prevents leaks for a cleaner workshop floor.



节能省电/Energy Saving

伺服系统待机近乎零耗电，相比传统设备，能耗直降最高70%。
Servo system cuts energy use by up to 70% with near-zero standby consumption.



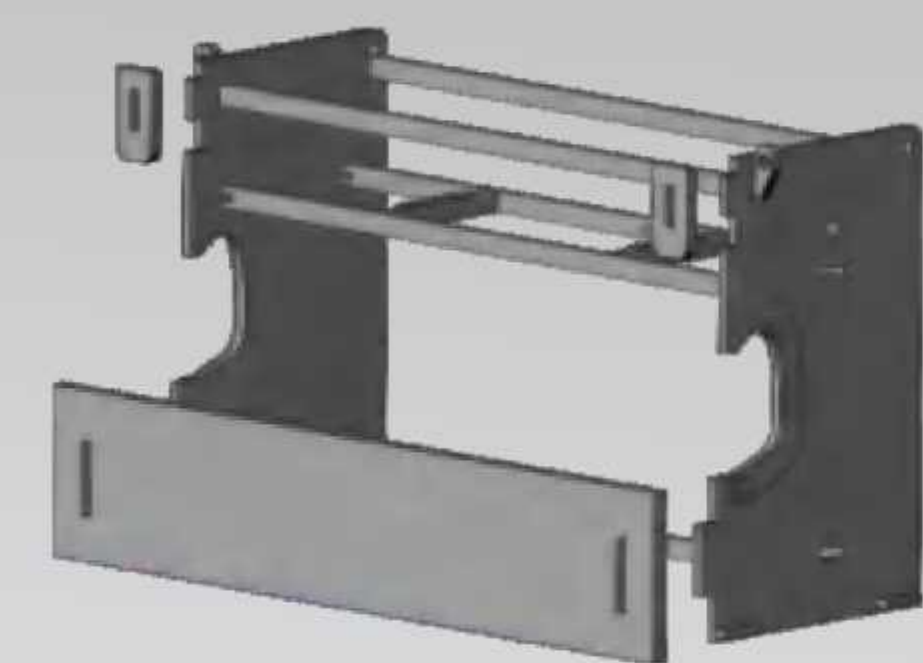
高效精准/High Efficiency

伺服同步控制，快下慢折，效率精度双提升。
Servo synced control with fast-approach slow-bending boosts efficiency and accuracy.



操作简便/Easy Operation

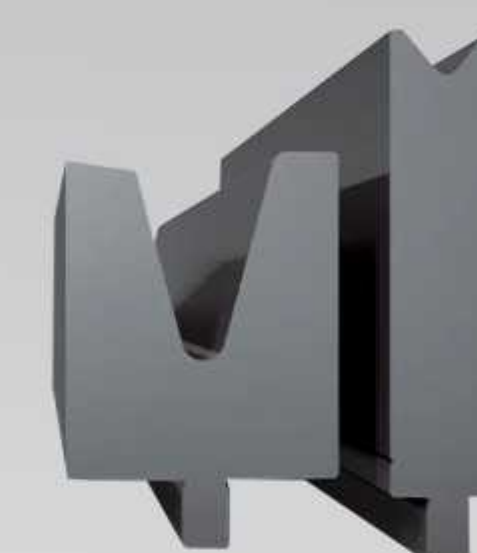
人性化数控系统，编程简单易学，轻松折弯。
User-friendly CNC system simplifies programming and bending operation.



床身结构 Bed

高刚性设计保障稳定性
Rigid design ensures stability

软件直观易用，帮助用户快速掌握操作，提高工作效率。
The software is intuitive and easy to use, helping users quickly master operations and improve efficiency.



模具 Mold

结构精准耐用，满足多种折弯需求
Durable and precise for various bending needs.

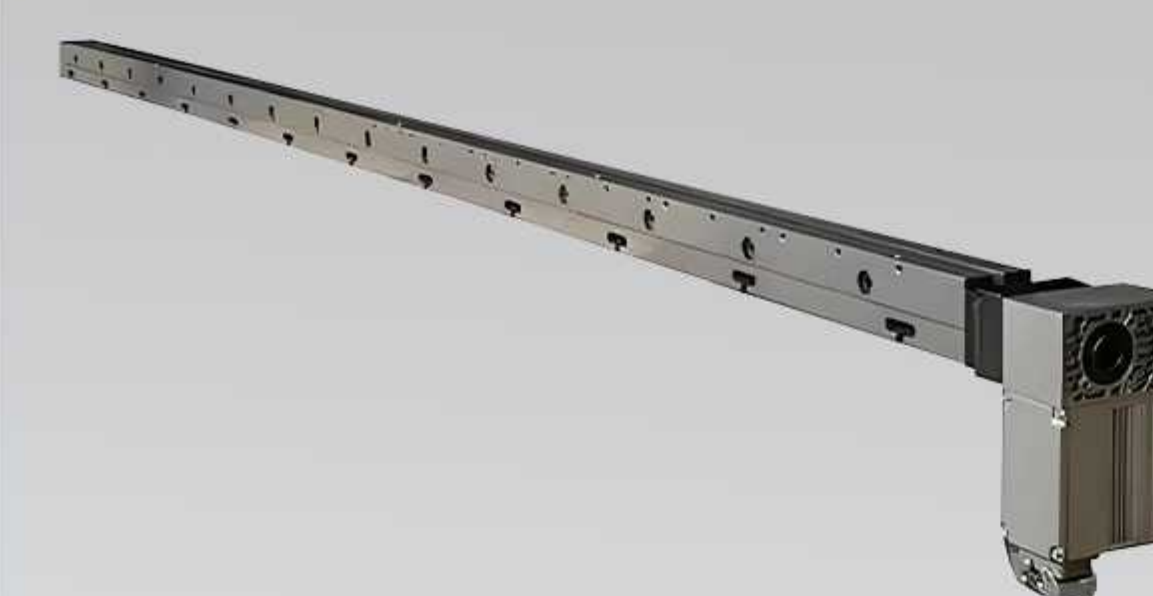
模具种类丰富，可适配不同材料与工艺要求，满足多样化的折弯加工需求。
There are a wide variety of molds available, which can be adapted to different materials and process requirements.



夹紧装置 Quick Clamp

一键夹紧提升换模效率
One-touch clamping boosts changeover efficiency.

夹紧系统支持快速模具更换，一键锁紧操作简便，缩短非生产时间，有效提升整体作业效率。
Allows quick and secure mold replacement, reducing downtime and increasing productivity.



扰度补偿工作台 Deflection Compensation Workbench

自动修正变形，确保折弯角度一致。
Automatically corrects deformation for consistent angles.

该装置可根据受力状态自动调节滑块变形情况，在不同材料和折弯负载下持续修正误差，确保最终折弯角度保持一致。
It adjusts the ram's position in real-time based on load to ensure uniform bending results regardless of material or force.

BPA Series 伺服电液数控折弯机技术参数

BPA Series Servo Electro-Hydraulic CNC Press Brake Machine Technical Parameters

型号 Model	80T2500	110T2500	110T3200	110T4100	130T3200	130T4100	170T3200
折弯压力 Bending Capacity (kN)	800	1100	1100	1100	1300	1300	1700
折弯长度 Bending Length(mm)	2500	2500	3200	4100	3200	4100	3200
立柱间距 Distance Between Columns (mm)	2000	2000	2600	3500	2600	3500	2600
开启高度 Open Height (mm)	450	490	490	490	490	490	490
喉口深度 Throat Depth(mm)	400	400	400	400	400	400	400
油缸行程 Ram Stroke (mm)	160	200	200	200	200	200	200
主伺服电机功率 Main Motor Power (kW)	7.5	9	9	9	9	9	15
油箱容量 Hydraulic Tank Capacity (L)	280	280	280	280	280	280	280
外形尺寸 LxWxHOverall Dimensions(mm)	3360×1625×2450	3400×1740×2625	4100×1740×2675	5000×1740×2675	4100×1740×2645	5000×1740×2695	4120×1740×2675
X轴行程 X-Axis Stroke	600	600	600	600	600	600	600
R轴行程 R-Axis Stroke	200	200	200	200	200	200	200
X轴速度 X-Axis Speed (mm/s)	300	300	300	300	300	300	300
R轴速度 R-Axis Speed (mm/s)	200	200	200	200	200	200	200
快下速度 ax Fast Approach Speed	180	180	180	180	180	180	180
工进速度 Max Working Speed	1-12	1-12	1-12	1-12	1-12	1-12	1-12
回程速度 Max Return Speed	160	160	160	160	160	160	160

BPA Series 伺服电液数控折弯机技术参数

BPA Series Servo Electro-Hydraulic CNC Press Brake Machine Technical Parameters

型号 Model	170T4100	220T3200	220T4100	250T3200	250T4100	320T3200	320T4100
折弯压力 Bending Capacity (kN)	1700	2200	2200	2500	2500	3200	3200
折弯长度 Bending Length(mm)	4100	3200	4100	3200	4100	3200	4100
立柱间距 Distance Between Columns (mm)	3500	2600	3500	2600	3500	2700	3600
开启高度 Open Height (mm)	490	490	490	490	490	540	540
喉口深度 Throat Depth(mm)	400	400	400	400	400	400	400
油缸行程 Ram Stroke (mm)	200	200	200	200	200	250	250
主伺服电机功率 Main Motor Power (kW)	15	15	15	22	22	22	22
油箱容量 Hydraulic Tank Capacity (L)	280	280	280	600	600	600	600
外形尺寸 LxWxHOverall Dimensions(mm)	5020×1740×2725	4140×1870×2885	5040×1870×2855	4160×1940×3060	5060×1940×2975	4180×2100×3240	5080×2100×3240
X轴行程 X-Axis Stroke	600	600	600	600	600	600	600
R轴行程 R-Axis Stroke	200	200	200	200	200	200	200
X轴速度 X-Axis Speed (mm/s)	300	300	300	300	300	300	300
R轴速度 R-Axis Speed (mm/s)	200	200	200	200	200	200	200
快下速度 ax Fast Approach Speed	180	120	120	120	120	120	120
工进速度 Max Working Speed	1-12	1-10	1-10	1-10	1-10	1-10	1-10
回程速度 Max Return Speed	160	120	120	120	120	120	120

BPS/BPSS Series

Servo Electro-Hydraulic CNC Press Brake Machine

伺服电液数控折弯机



节能高效/Energy Saving

BPS

伺服驱动，降低能耗，同时保证平稳折弯性能。
Servo drive lowers energy use while ensuring smooth bending performance.



高精度/High Precision

BPS

数控控制，确保折弯质量稳定且重复性高。
CNC control ensures consistent bending quality and repeatability.



紧凑设计/Compact Design

BPS

节省空间的结构设计，具备完整折弯功能。
Space-efficient structure with full bending functionality.



双伺服/Dual Servo

BPSS

双伺服独立控制，提高效率与同步性能。
Independent dual servo system enhances efficiency and synchronization.



低噪运行/Quiet Operation

BPSS

优化液压系统，运行安静，营造舒适环境。
Optimized hydraulic system provides a comfortable working environment.



绿色环保/Eco-Friendly

BPSS

降低液压油使用，支持可持续制造。
Reduced oil usage supports sustainable manufacturing.

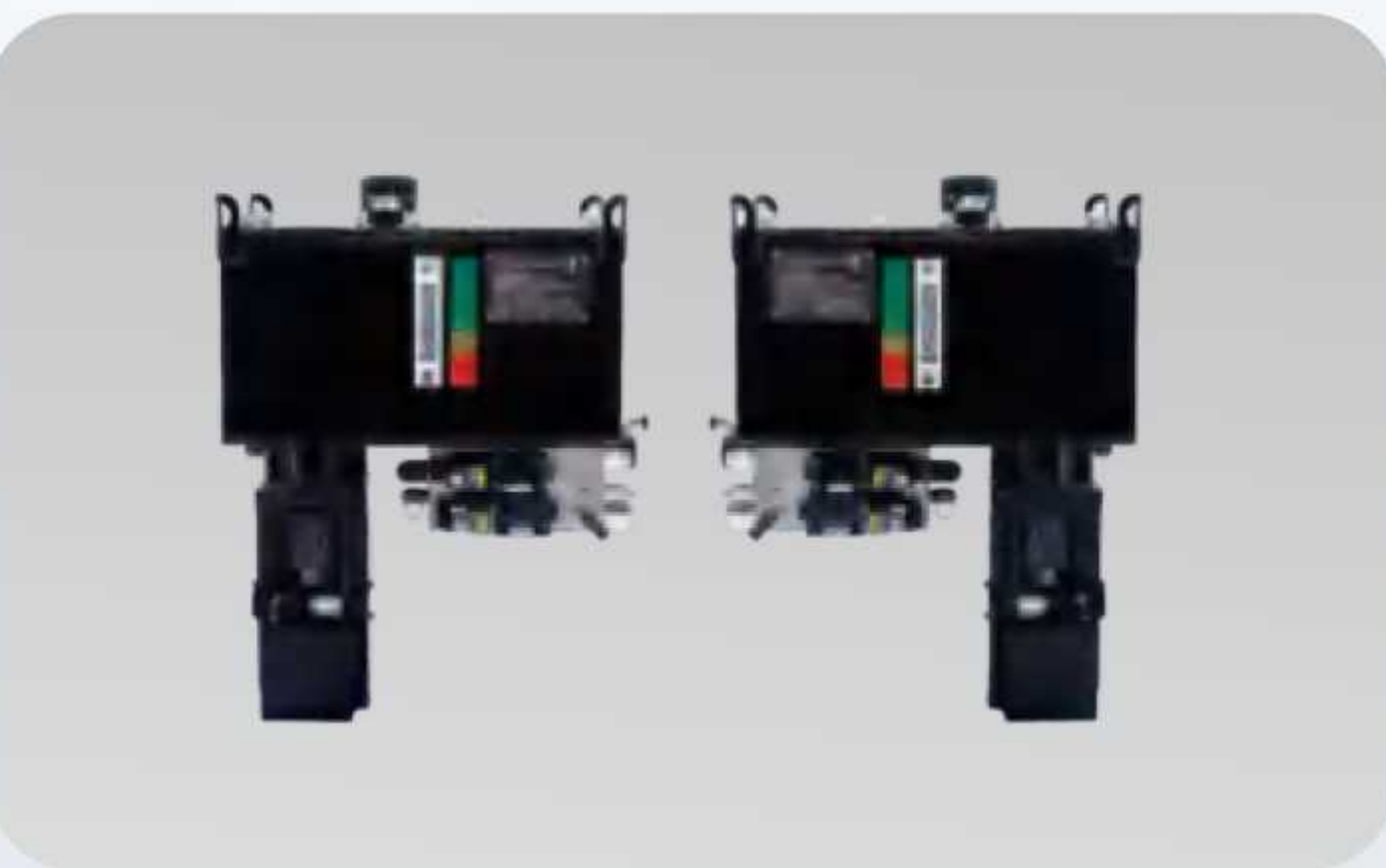


油箱 Hydraulic Oil Tank

BPS

储存液压油液，维持系统运行稳定
Stores hydraulic oil and maintains system stability.

液压油箱内部设计合理，具备良好的密封性与散热性能，有效延长液压系统的使用寿命。
Designed with good sealing and heat dissipation to ensure long-term cleanliness and consistent pressure output.



双伺服泵控液压站 Double Servo Pump-Controlled Hydraulic Power Unit

BPSS

极致节能降耗，大幅降低运营成本
Ultimate Energy Saving, Drastically Reduce Operating Costs

伺服系统按需供油，无节流溢流损失，待机能耗近乎为零，相比传统液压系统节能高达70%，显著降低电力成本。
The servo system supplies oil on demand, eliminating throttling losses. Near-zero standby power consumption reduces electricity costs by up to 70%.



主电机 Main Motor

驱动液压系统，实现高效折弯
Drives the hydraulic system for efficient bending.

主伺服电机提供高效的动力输出，响应速度快，配合液压系统实现精准滑块驱动。
Delivers high torque and fast response, powering the hydraulic cylinder for precision bending operations.



脚踏开关 Foot Pedal

释放双手控制，提高操作效率
Hands-free control improves operating efficiency.

脚踏开关控制灵活，便于操作者在保证安全的前提下高效完成折弯作业。
Flexible foot pedal control facilitates the operator to complete the bending operation efficiently while ensuring safety.

BPS Series 伺服电液数控折弯机技术参数

BPS Series Servo Electro-Hydraulic CNC Press Brake Machine Technical Parameters

型号 Model	80T2500	110T2500	110T3200	110T4100	130T3200	130T4100	170T3200	170T4100	220T3200	220T4100
折弯压力 Bending Capacity (kN)	800	1100	1100	1100	1300	1300	1700	1700	2200	2200
折弯长度 Bending Length(mm)	2500	2500	3200	4100	3200	4100	3200	4100	3200	4100
立柱间距 Distance Between Columns (mm)	2000	2000	2700	3600	2700	3600	2700	3600	2700	3600
开启高度 Open Height (mm)	450	540	540	540	540	540	540	540	540	540
喉口深度 Throat Depth(mm)	500	500	500	500	500	500	500	500	500	500
油缸行程 Ram Stroke (mm)	160	250	250	250	250	250	250	250	250	250
主伺服电机功率 Main Motor Power (kW)	7.5	9	9	9	9	9	15	15	15	15
油箱容量 Hydraulic Tank Capacity (L)	280	280	280	280	280	280	280	280	280	280
外形尺寸 LxWxHOverall Dimensions(mm)	3360×1625×2450	3400×1740×2625	4100×1740×2625	5000×1740×2675	4100×1740×2645	5000×1740×2695	4120×1740×2675	5020×1740×2725	4140×1870×2885	5040×1870×2885
X轴行程 X-Axis Stroke	800	800	800	800	800	800	800	800	800	800
R轴行程 R-Axis Stroke	200	200	200	200	200	200	200	200	200	200
X轴速度 X-Axis Speed (mm/s)	550	550	550	550	550	550	550	550	550	550
R轴速度 R-Axis Speed (mm/s)	200	200	200	200	200	200	200	200	200	200
快下速度 ax Fast Approach Speed	200	200	200	200	200	200	180	180	140	140
工进速度 Max Working Speed	1-15	1-15	1-15	1-15	1-15	1-15	1-15	1-15	1-12	1-12
回程速度 Max Return Speed	180	180	180	180	180	180	180	180	150	150

BPS Series 伺服电液数控折弯机技术参数

BPS Series Servo Electro-Hydraulic CNC Press Brake Machine Technical Parameters

型号 Model	220T5100	220T6100	250T3200	250T4100	250T5100	250T6100	320T3200	320T4100	320T5100	320T6100
折弯压力 Bending Capacity (kN)	2200	2200	2500	2500	2500	2500	3200	3200	3200	3200
折弯长度 Bending Length(mm)	5100	6100	3200	4100	5100	6100	3200	4100	5100	6100
立柱间距 Distance Between Columns (mm)	4200	5200	2700	3600	4200	5200	2700	3600	4200	5200
开启高度 Open Height (mm)	540	540	540	540	540	540	590	590	590	590
喉口深度 Throat Depth(mm)	500	500	500	500	500	500	500	500	500	500
油缸行程 Ram Stroke (mm)	250	250	250	250	250	250	300	300	300	300
主伺服电机功率 Main Motor Power (kW)	15	15	22	22	22	22	22	22	22	22
油箱容量 Hydraulic Tank Capacity (L)	280	280	600	600	600	600	600	600	600	600
外形尺寸 LxWxHOverall Dimensions(mm)	5640×1920×3125	6640×1920×3100	4160×1940×3060	5060×1940×2975	5660×1940×3175	6660×1940×3225	4180×2100×3240	5080×2100×3240	5680×2185×3560	6680×2185×3810
X轴行程 X-Axis Stroke	800	800	800	800	800	800	800	800	800	800
R轴行程 R-Axis Stroke	200	200	200	200	200	200	200	200	200	200
X轴速度 X-Axis Speed (mm/s)	550	550	550	550	550	550	550	550	550	550
R轴速度 R-Axis Speed (mm/s)	200	200	200	200	200	200	200	200	200	200
快下速度 ax Fast Approach Speed	140	140	150	150	150	150	140	140	140	140
工进速度 Max Working Speed	1-12	1-12	1-12	1-12	1-12	1-12	1-10	1-10	1-10	1-10
回程速度 Max Return Speed	150	150	140	140	140	140	140	140	140	140

BPSS Series 伺服电液数控折弯机技术参数

BPSS Series Servo Electro-Hydraulic CNC Press Brake Machine Technical Parameters

型号 Model	110T2500	110T3200	110T4100	130T3200	130T4100	170T3200	170T4100	220T3200	220T4100	220T5100
折弯压力 Bending Capacity (kN)	1100	1100	1100	1300	1300	1700	1700	2200	2200	2200
折弯长度 Bending Length(mm)	2500	3200	4100	3200	4100	3200	4100	3200	4100	5100
立柱间距 Distance Between Columns (mm)	2000	2700	3600	2700	3600	2700	3600	2700	3600	4200
开启高度 Open Height (mm)	540	540	540	540	540	540	540	540	540	540
喉口深度 Throat Depth(mm)	500	500	500	500	500	500	500	500	500	500
油缸行程 Ram Stroke (mm)	250	250	250	250	250	250	250	250	250	250
主伺服电机功率 Main Motor Power (kW)	2×7.6	2×7.6	2×7.6	2×7.6	2×7.6	2×8.9	2×8.9	2×8.9	2×8.9	2×8.9
油箱容量 Hydraulic Tank Capacity (L)	2×35	2×35	2×35	2×35	2×35	2×63	2×63	2×63	2×63	2×63
外形尺寸 L×W×HOverall Dimensions(mm)	3400×1740×2625	4100×1740×2625	5000×1740×2675	4100×1740×2645	5000×1740×2695	4120×1740×2675	5020×1740×2725	4140×1870×2885	5040×1870×2885	5640×1920×3125
X轴行程 X-Axis Stroke	800	800	800	800	800	800	800	800	800	800
R轴行程 R-Axis Stroke	200	200	200	200	200	200	200	200	200	200
X轴速度 X-Axis Speed (mm/s)	550	550	550	550	550	550	550	550	550	550
R轴速度 R-Axis Speed (mm/s)	200	200	200	200	200	200	200	200	200	200
快下速度 ax Fast Approach Speed	200	200	200	200	200	200	200	150	150	150
工进速度 Max Working Speed	1-20	1-20	1-20	1-20	1-20	1-18	1-18	1-10	1-10	1-10
回程速度 Max Return Speed	240	240	240	240	180	180	180	150	150	150

BPSS Series 伺服电液数控折弯机技术参数

BPSS Series Servo Electro-Hydraulic CNC Press Brake Machine Technical Parameters

型号 Model	220T6100	250T3200	250T4100	250T5100	250T6100	320T3200	320T4100	320T5100	320T6100
折弯压力 Bending Capacity (kN)	2200	2500	2500	2500	2500	3200	3200	3200	3200
折弯长度 Bending Length(mm)	6100	3200	4100	5100	6100	3200	4100	5100	6100
立柱间距 Distance Between Columns (mm)	5200	2700	3600	4200	5200	2700	3600	4200	5200
开启高度 Open Height (mm)	540	540	540	540	540	590	590	590	590
喉口深度 Throat Depth(mm)	500	500	500	500	500	500	500	500	500
油缸行程 Ram Stroke (mm)	250	250	250	250	250	300	300	300	300
主伺服电机功率 Main Motor Power (kW)	2×8.9	2×13	2×13	2×13	2×13	2×13	2×13	2×13	2×13
油箱容量 Hydraulic Tank Capacity (L)	2×63	2×85	2×85	2×85	2×85	2×85	2×85	2×85	2×85
外形尺寸 L×W×HOverall Dimensions(mm)	6640×1920×3100	4160×1940×3060	5060×1940×2975	5660×1940×3175	6660×1940×3225	4180×2100×3240	5080×2100×3240	5680×2185×3560	6680×2185×3810
X轴行程 X-Axis Stroke	800	800	800	800	800	800	800	800	800
R轴行程 R-Axis Stroke	200	200	200	200	200	200	200	200	200
X轴速度 X-Axis Speed (mm/s)	550	550	550	550	550	550	550	550	550
R轴速度 R-Axis Speed (mm/s)	200	200	200	200	200	200	200	200	200
快下速度 ax Fast Approach Speed	150	150	150	150	150	140	140	140	140
工进速度 Max Working Speed	1-10	1-10	1-10	1-10	1-10	1-10	1-10	1-10	1-10
回程速度 Max Return Speed	150	140	140	140	140	140	140	140	140

BPA Series 伺服电液数控折弯机产品配置

BPA Series Servo Electro-Hydraulic CNC Press Brake Machine Product Configuration

系统 System	型号 Model	80T2500~320T4100
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding
	吊臂 Lifting Beam	●
	工作台 Working Table	●
	磁栅尺 Magnetic Linear Scale	● 高斯, 德国 GAUSSCN, GERMANY ◎ GIVI, 意大利 GIVI, ITALY
	托料装置 Support Arm	● 前托料装置 Support Device ◎ 随动托料装置 Follow-up Support Device
	扰度补偿装置 Deflection Compensation	●
液压系统 Hydraulic System	主电机 Main Motor	● 埃斯顿, 中国 ESTUN CHIN ◎ 汇川, 中国 INOVANCE, CHINA
	油箱 Hydraulic Oil Tank	●
	油泵 Pump	● 海特克, 中国 HYTEK CHINA ◎ 欧力德, 中国 ALLEAD, CHINA
	阀组 Valve Block	● 高斯, 德国 GAUSSCN, GERMANY ◎ 力士乐, 德国 REXROTH, GERMANY
	液压缸 Main Hydraulic Cylinder	●
	油管接头 Hydraulic Fittings	● 高斯, 德国 GAUSSCN, GERMANY ◎ RASTELLI RACCORDI, 意大利 RASTELLI RACCORDI, ITALY
后挡料系统 Backgauge System	伺服电机/驱动 Servo Motor & Drive	● 埃斯顿, 中国 ESTUN, CHINA ◎ 汇川, 中国 INOVANCE, CHINA
	直线导轨 Linear Guide Rail	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA
	滚珠丝杆 Ball Screw	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA
	挡指 Back Gauge Finger	●
控制系统 Control System	轴数 Number of Axes	4+1 axis
	数控系统 CNC Controller	● 高斯68T, 德国 GAUSSCN 68T, GERMANY ◎ 高斯69T, 德国 GAUSSCN 69T, GERMANY
	工业触摸屏 HMI Touch Panel	●
电气系统 Electrical System	电气 Electrical	● 施耐德, 法国 SCHNEIDER, FRANCE
	LED照明 LED Work Area Light	●
	电源电压 Power Supply Voltage	可定制 Customizable
模具系统 Tooling System	夹紧装置 Qucik Clamp	●
	模具 Mold	● 双V模具 Double-V ◎ 单V模具 Single-V ◎ 多V模具 Multi-V
安全系统 Safety System	前安全防护 Front Safety Protection	● 诺亘, 意大利 NUOVA, ITALY ○ MSD 3 点激光保护 MSD 3-Point Laser Protection ○ DSP 5 点激光保护 DSP 5-Point Laser Protection ○ DSP 9 点激光保护带 MCS DSP 9-Point Laser Protection with MCS
	后门防护 Rear Guard Protection	○ 信索, 中国 SENSORC, CHINA Light Curtain Protection
	左右门防护 Left/Right Guard Protection	●
	紧急停止 Emergency Stop	●
	脚踏开关 Foot Pedal	●
辅助系统 Auxiliary System	机器人 Bending Robot	○ 埃斯顿, 中国 ESTUN CHINA
	温控装置 Oil Temperature Control Unit	○

注: ● 表示标配 ○ 表示选配(加配置) ◎ 表示选配(换配置) - 表示无此配置 Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BPS/BPSS Series 伺服电液数控折弯机产品配置

BPS/BPSS Series Servo Electro-Hydraulic CNC Press Brake Machine Product Configuration

系统 System	型号 Model	110T2500 ~ 320T6100
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding
	吊臂 Lifting Beam	●
	工作台 Working Table	●
	磁栅尺 Magnetic Linear Scale	● GIVI, 意大利 GIVI, Italy
	托料装置 Support Arm	● 固定式托料装置 Fixed Support Device ◎ 随动托料装置 Follow-up Support Device
	扰度补偿装置 Deflection Compensation	●
液压系统 Hydraulic System	主电机 Main Motor	● 埃斯顿, 中国 ESTUN, CHINA ◎ 汇川, 中国 INOVANCE, CHINA
	油箱 Hydraulic Oil Tank	●
	油泵 Pump	● 海特克, 中国 HYTEK, CHINA ◎ 欧力德, 中国 ALLEAD, CHINA
	阀组 Valve Block	● 高斯, 德国 GAUSSCN, GERMANY ◎ 力士乐, 德国 REXROTH, GERMANY
	液压缸 Main Hydraulic Cylinder	●
	油管接头 Hydraulic Fittings	● 高斯, 德国 GAUSSCN, GERMANY ◎ RASTELLI RACCORDI, 意大利 RASTELLI RACCORDI, ITALY
后挡料系统 Backgauge System	伺服电机/驱动 Servo Motor & Drive	● 埃斯顿, 中国 ESTUN, CHINA ◎ 汇川, 中国 INOVANCE, CHINA
	直线导轨 Linear Guide Rail	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA
	滚珠丝杆 Ball Screw	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA
	挡指 Back Gauge Finger	●
控制系统 Control System	轴数 Number of Axes	4+1 axis
	数控系统 CNC Controller	● 高斯860T, 德国 GAUSSCN 860T, GERMANY ◎ 高斯880T, 德国 GAUSSCN 880T, GERMANY
	工业触摸屏 HMI Touch Panel	●
电气系统 Electrical System	电气 Electrical	● 施耐德, 法国 SCHNEIDER, FRANCE
	LED照明 LED Work Area Light	●
	电源电压 Power Supply Voltage	可定制 Customizable
模具系统 Tooling System	夹紧装置 Qucik Clamp	●
	模具 Mold	● 双V模具 Double-V ◎ 单V模具 Single-V ◎ 多V模具 Multi-V
安全系统 Safety System	前安全防护 Front Safety Protection	● 诺亘, 意大利 NUOVA, ITALY ○ MSD 3 点激光保护 MSD 3-Point Laser Protection ○ DSP 5 点激光保护 DSP 5-Point Laser Protection ○ DSP 9 点激光保护带 MCS DSP 9-Point Laser Protection with MCS
	后门防护 Rear Guard Protection	○ 信索, 中国 SENSORC, CHINA Light Curtain Protection
	左右门防护 Left/Right Guard Protection	●
	紧急停止 Emergency Stop	●
	脚踏开关 Foot Pedal	●
辅助系统 Auxiliary System	机器人 Bending Robot	○ 埃斯顿, 中国 ESTUN CHINA
	温控装置 Oil Temperature Control Unit	○

注: ● 表示标配 ○ 表示选配(加配置) ◎ 表示选配(换配置) - 表示无此配置 Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BPH Series

Heavy-Duty Servo Electro-Hydraulic CNC Press Brake Machine

大型伺服电液数控折弯机



强力重载/Heavy Capacity

专为大型厚板设计，重载折弯力道充沛稳定。
Designed for large thick plates with powerful, stable bending force.



高稳定性/High Stability

整体钢结构坚固，确保大幅面折弯高精度。
Robust steel structure ensures high precision in large-span bending.



精准控制/Precise Control

多缸电液同步控制，大幅面折弯滑块精度依然卓越。
Multi-cylinder electro-hydraulic sync control maintains precision across large span.



适用广泛/Wide Applicability

超大工作台与开口，轻松应对各种大型复杂工件。
Oversized table and throat easily handle various large, complex workpieces.



液压缸 Main Hydraulic Cylinder

平稳驱动滑块，满足精密折弯需求
Provides stable motion for high-precision bending

液压缸为滑块提供平稳有力的上下运动，其稳定特性对于实现高精度的折弯加工至关重要。

Drives the ram up and down with smooth, powerful action, ensuring accurate forming.



阀组 Valve Block

控制油路切换，实现动作快速响应
Controls oil flow paths for coordinated actions.

阀组负责液压油路的分配与控制，保障多个液压动作之间的协调与运行效率。
Manages fluid distribution efficiently, ensuring smooth transitions and synchronized system movements.



磁栅尺 Magnetic Linear Scale

反馈滑块位置，提升定位控制精度
Real-time position feedback enhances control accuracy.

磁栅尺可实时采集滑块位移数据，配合数控系统构成闭环控制，有效提升定位精度保障每一次折弯动作准确无误。
It collects slide displacement data and works with the CNC system for precise closed-loop position control.



随动托料装置 Follow-up Support Device

选配 Optional

辅助支撑，减轻人工疲劳
Auxiliary support reduces operator fatigue

托料装置为大型工件提供可靠支撑，避免材料下垂导致角度误差，减轻人工操作强度。
It provides reliable support for oversized parts, preventing sagging and reducing manual handling effort.

BPH Series 大型伺服电液数控折弯机技术参数

BPH Series Heavy-Duty Servo Electro-Hydraulic CNC Press Brake Machine Technical Parameters

型号 Model	400T3200	400T4000	400T5000	400T6000	500T3200	500T4000	500T5000	500T6000	600T3200
折弯压力 Bending Capacity (kN)	4000	4000	4000	4000	5000	5000	5000	5000	6000
折弯长度 Bending Length(mm)	3200	4000	5000	6000	3200	4000	5000	6000	3200
立柱间距 Distance Between Columns (mm)	2600	3200	4000	5000	2600	3200	4000	5000	2600
开启高度 Open Height (mm)	600	600	600	600	600	600	600	600	700
喉口深度 Throat Depth(mm)	450	450	450	450	500	500	500	500	600
油缸行程 Ram Stroke (mm)	300	300	300	300	300	300	300	300	350
主伺服电机功率 Main Motor Power (kW)	37	37	37	37	37	37	37	37	45
外形尺寸 LxWxHOverall Dimensions(mm)	3550×2320×4260	4350×2320×4360	5350×2320×4610	6350×2320×4960	3550×2495×4390	4350×2495×4490	5350×2495×4650	6350×2495×4950	3550×2810×4720
X轴行程 X-Axis Stroke	1000	1000	1000	1000	1000	1000	1000	1000	1000
X轴速度 X-Axis Speed (mm/s)	120	120	120	120	120	120	120	120	120
快下速度 Max Fast Approach Speed	90	90	90	90	90	90	90	90	90
工进速度 Max Working Speed	10	10	10	10	8	8	8	8	9
回程速度 Max Return Speed	80	80	80	80	80	80	80	80	80

型号 Model	600T4000	600T5000	600T6000	700T4000	700T5000	700T6000	800T4000	800T5000	800T6000
折弯压力 Bending Capacity (kN)	6000	6000	6000	7000	7000	7000	8000	8000	8000
折弯长度 Bending Length(mm)	4000	5000	6000	4000	5000	6000	4000	5000	6000
立柱间距 Distance Between Columns (mm)	3200	4000	5000	3200	4000	5000	3200	4000	5000
开启高度 Open Height (mm)	700	700	700	700	700	700	800	800	800
喉口深度 Throat Depth(mm)	600	600	600	650	650	650	700	700	700
油缸行程 Ram Stroke (mm)	350	350	350	350	350	350	400	400	400
主伺服电机功率 Main Motor Power (kW)	45	45	45	55	55	55	2×37	2×37	2×37
外形尺寸 LxWxHOverall Dimensions(mm)	4350×2810×4820	5350×2810×4930	6350×2810×5130	4350×3000×5070	5350×3000×5220	6350×3000×5420	4350×3310×5500	5350×3310×5650	6350×3310×5800
X轴行程 X-Axis Stroke	1000	1000	1000	1000	1000	1000	1000	1000	1000
X轴速度 X-Axis Speed (mm/s)	120	120	120	120	120	120	120	120	120
快下速度 Max Fast Approach Speed	90	90	90	75	75	75	75	75	75
工进速度 Max Working Speed	9	9	9	8	8	8	8	8	8
回程速度 Max Return Speed	110	110	80	85	85	85	85	85	85

BPH Series 大型伺服电液数控折弯机技术参数

BPH Series Heavy-Duty Servo Electro-Hydraulic CNC Press Brake Machine Technical Parameters

型号 Model	1000T4000	1000T6000	1000T8000	1000T10000	1000T12000	1200T4000	1200T6000	1200T8000	1200T10000
折弯压力 Bending Capacity (kN)	10000	10000	10000	10000	10000	12000	12000	12000	12000
折弯长度 Bending Length(mm)	4000	6000	8000	10000	12000	4000	6000	8000	10000
立柱间距 Distance Between Columns (mm)	3000	5000	7000	9000	10000	3000	5000	7000	9000
开启高度 Open Height (mm)	950	950	950	950	950	1000	1000	1000	1000
喉口深度 Throat Depth(mm)	800	800	800	800	800	1000	1000	1000	1000
油缸行程 Ram Stroke (mm)	400	400	400	400	400	400	400	400	400
主伺服电机功率 Main Motor Power (kW)	2×37	2×37	2×37	2×37	2×37	2×37	2×37	2×37	2×37
外形尺寸 LxWxHOverall Dimensions(mm)	4280×3820×6250	6280×3820×6550	8280×3820×6900	10280×3820×7510	12280×3820×8410	4280×4050×6480	6280×4050×6830	8280×4050×7230	10280×4050×7830
X轴行程 X-Axis Stroke	1000	1000	1000	1000	1000	1000	1000	1000	1000
X轴速度 X-Axis Speed (mm/s)	120	120	120	120	120	120	120	120	120
快下速度 Max Fast Approach Speed	65	65	65	65	65	60	60	60	60
工进速度 Max Working Speed	8	8	8	8	8	6.5	6.5	6.5	6.5
回程速度 Max Return Speed	65	65	65	65	65	60	60	60	60

型号 Model	1200T12000	1400T6000	1400T8000	1400T10000	1400T12000	1400T14000	1600T5000	1600T6000	1600T8000
折弯压力 Bending Capacity (kN)	12000	14000	14000	14000	14000	14000	16000	16000	16000
折弯长度 Bending Length(mm)	12000	6000	8000	10000	12000	14000	5000	6000	8000
立柱间距 Distance Between Columns (mm)	10000	5000	7000	9000	10000	11000	3800	4800	6800
开启高度 Open Height (mm)	1000	1250	1250	1250	1250	1250	1400	1400	1400
喉口深度 Throat Depth(mm)	1000	1100	1100	1100	1100	1100	1200	1200	1200
油缸行程 Ram Stroke (mm)	400	500	500	500	500	500	500	500	500
主伺服电机功率 Main Motor Power (kW)	2×37	2×37	2×37	2×37	2×37	2×37	2×45	2×45	2×45
外形尺寸 LxWxHOverall Dimensions(mm)	12280×4050×8730	6280×4220×7330	8280×4220×7880	10280×4220×8230	12280×4220×8930	14280×4220×9830	5280×4960×7860	6280×4960×7960	8280×4960×8160
X轴行程 X-Axis Stroke	1000	1000	1000	1000	1000	1000	1000	1000	1000
X轴速度 X-Axis Speed (mm/s)	120	120	120	120	120	120	120	120	120
快下速度 Max Fast Approach Speed	60	60	60	60	60	60	60	60	60
工进速度 Max Working Speed	6.5	5.5	5.5	5.5	5.5	5.5	6	6	6
回程速度 Max Return Speed	60	55	55	55	55	55	50	50	50

BPH Series 大型伺服电液数控折弯机技术参数

BPH Series Heavy-Duty Servo Electro-Hydraulic CNC Press Brake Machine Technical Parameters

型号 Model	1600T10000	1600T12000	1600T14000	1800T6000	1800T8000	1800T10000	1800T12000	1800T14000	2000T6000
折弯压力 Bending Capacity (kN)	16000	16000	16000	18000	18000	18000	18000	18000	20000
折弯长度 Bending Length(mm)	10000	12000	14000	6000	8000	10000	12000	14000	6000
立柱间距 Distance Between Columns (mm)	8800	10000	11000	4800	6800	8800	10000	11800	4600
开启高度 Open Height (mm)	1400	1400	1400	1800	1800	1800	1800	1800	1800
喉口深度 Throat Depth(mm)	1200	1200	1200	1400	1400	1400	1400	1400	1500
油缸行程 Ram Stroke (mm)	500	500	500	600	600	600	600	600	600
主伺服电机功率 Main Motor Power (kW)	2×45	2×45	2×45	2×75	2×75	2×75	2×75	2×75	2×90
外形尺寸 L×W×HOverall Dimensions(mm)	10280×4960×8560	12280×4960×9100	14280×4960×9900	6300×5490×9300	8300×5490×9700	10300×5490×10100	12300×5490×10400	14300×5490×11160	6300×5520×9100
X轴行程 X-Axis Stroke	1000	1000	1000	1000	1000	1000	1000	1000	1000
X轴速度 X-Axis Speed (mm/s)	120	120	120	120	120	120	120	120	120
快下速度 Max Fast Approach Speed	60	60	60	60	60	60	60	60	60
工进速度 Max Working Speed	6	6	6	7	7	7	7	7	6
回程速度 Max Return Speed	50	50	50	60	60	60	60	60	60

型号 Model	2000T8000	2000T10000	2000T12000	2000T14000	2400T6000	2400T8000	2400T10000	2400T12000	2400T14000
折弯压力 Bending Capacity (kN)	20000	20000	20000	20000	24000	24000	24000	24000	24000
折弯长度 Bending Length(mm)	8000	10000	12000	14000	6000	8000	10000	12000	14000
立柱间距 Distance Between Columns (mm)	6600	8600	10000	11600	4600	6600	8600	10000	11600
开启高度 Open Height (mm)	1800	1800	1800	1800	1800	1800	1800	1800	1800
喉口深度 Throat Depth(mm)	1500	1500	1500	1500	1600	1600	1600	1600	1600
油缸行程 Ram Stroke (mm)	600	600	600	600	600	600	600	600	600
主伺服电机功率 Main Motor Power (kW)	2×90	2×90	2×90	2×90	2×90	2×90	2×90	2×90	2×90
外形尺寸 L×W×HOverall Dimensions(mm)	8300×5520×9500	10300×5520×9900	12300×5520×10300	14300×5520×11370	6300×5780×9750	8300×5780×10150	10300×5780×10550	12300×5780×10950	14300×5780×11530
X轴行程 X-Axis Stroke	1000	1000	1000	1000	1000	1000	1000	1000	1000
X轴速度 X-Axis Speed (mm/s)	120	120	120	120	120	120	120	120	120
快下速度 Max Fast Approach Speed	60	60	60	60	60	60	60	60	60
工进速度 Max Working Speed	6	6	6	6	5	5	5	5	5
回程速度 Max Return Speed	60	60	60	60	55	55	55	55	55

BPH Series 大型伺服电液数控折弯机产品配置

BPH Series Heavy-Duty Servo Electro-Hydraulic CNC Press Brake Machine Product Configuration

系统 System	型号 Model	400T3200 ~ 2400T14000
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding
	吊臂 Lifting Beam	●
	工作台 Working Table	●
	磁栅尺 Magnetic Linear Scale	● GIVI, 意大利 GIVI, Italy
	托料装置 Support Arm	● 固定式托料装置 Fixed Support Device ◎ 随动托料装置 Follow-up Support Device
	扰度补偿装置 Deflection Compensation	●
液压系统 Hydraulic System	主电机 Main Motor	● 皖南, 中国 WAN NAN, CHINA ◎ 西门子,德国 SIMENS,GERMANY
	油箱 Hydraulic Oil Tank	●
	油泵 Pump	● ALLEAD, CHINA 欧力德, 中国
	阀组 Valve Block	● 力士乐,德国 REXROTH,GERMANY
	液压缸 Main Hydraulic Cylinder	●
	油管接头 Hydraulic Fittings	● 高斯, 德国 GAUSSCN, GERMANY ◎ RASTELLI RACCORDI, 意大利 RASTELLI RACCORDI, ITALY
后挡料系统 Backgaug System	伺服电机/驱动 Servo Motor & Drive	● 埃斯顿, 中国 ESTUN, CHINA ◎ 汇川, 中国 INOVANCE, CHINA
	直线导轨 Linear Guide Rail	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA
	滚珠丝杆 Ball Screw	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA
	挡指 Back Gauge Finger	●
控制系统 Control System	轴数 Number of Axes	3+1 axis
	数控系统 CNC Controller	● 高斯860T, 德国 GAUSSCN 860T, GERMANY ◎ 高斯880T, 德国 GAUSSCN 880T, GERMANY
	工业触控屏 HMI Touch Panel	●
电气系统 Electrical System	电控柜 Electrical Cabinet	● 施耐德, 法国 SCHNEIDER, FRANCE
	LED照明 LED Work Area Light	●
	电源电压 Power Supply Voltage	可定制 Customizable
模具系统 Tooling System	夹紧装置 Qucik Clamp	●
	模具 Mold	● 多V模具 Multi-V
安全系统 Safety System	前安全防护 Front Safety Protection	● 诺亘, 意大利 NUOVA, ITALY ○ MSD 3 点激光保护 MSD 3-Point Laser Protection ○ DSP 5 点激光保护 DSP 5-Point Laser Protection ○ DSP 9 点激光保护带 MCS DSP 9-Point Laser Protection with MCS
	紧急停止 Emergency Stop	●
	脚踏开关 Foot Pedal	●
辅助系统 Auxiliary System	机器人 Bending Robot	○ 埃斯顿, 中国 ESTUN CHINA
	温控装置 Oil Temperature Control Unit	○

注：● 表示标配 ○ 表示选配(加配置) ◎ 表示选配(换配置) - 表示无此配置 Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BPG Series

Gantry Frame Servo Electro-Hydraulic CNC Press Brake Machine 龙门式伺服电液数控折弯机



超大空间/Ample Space

开放式龙门结构，超大工作空间，加工超长件无忧。
Open gantry structure provides massive workspace for extra-long parts.



刚劲有力/Extreme Rigidity

龙门框架结构，抗偏载能力强，保证重载下精度。
Gantry frame offers strong anti-deflection capability for precision under heavy load.



高效生产/High Productivity

伺服系统驱动，空程速度快，待机功耗极低。
Servo system enables fast ram speeds and extremely low standby power consumption.



同步精准/Sync Precision

双侧伺服油缸高精度同步，保证全长折弯角度一致。
Dual-side servo cylinders ensure consistent angle across the full length.



后挡指 Back Gauge Finger

灵活调节位置，适配不同工件尺寸
Adjustable positioning to fit various workpieces.

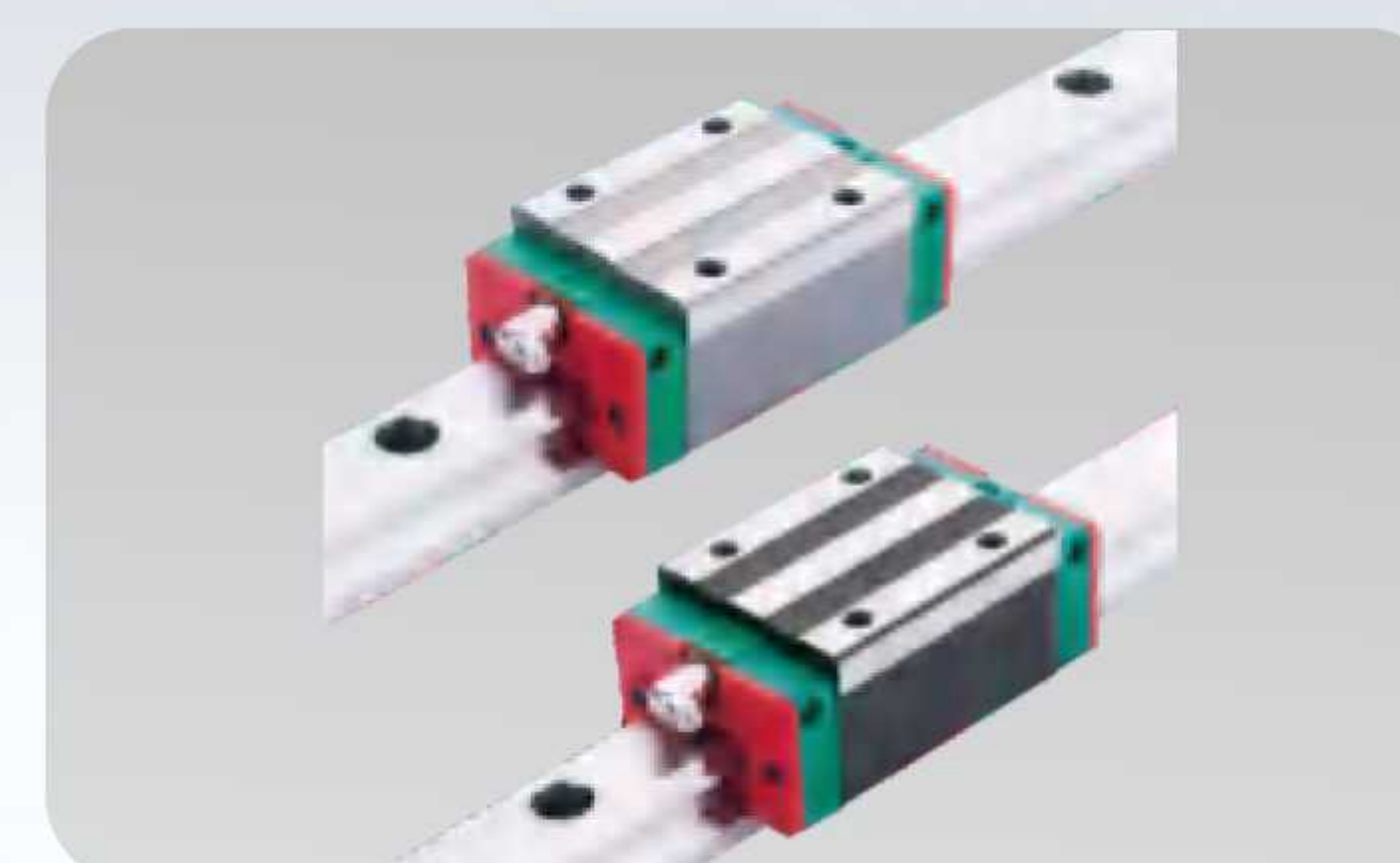
挡指可灵活调节位置，适配不同尺寸与形状的工件。
Flexible positioning allows compatibility with different workpiece sizes and shapes.



LED工作照明灯/LED Work Area Light

高亮照明保障工作可视
Bright lighting improves workspace visibility

工作区域内配备高亮LED照明系统，即使在低光环境下也能保障良好的视野，便于细节观察与安全作业。
Ensures a good field of vision even in low-light conditions, facilitating detailed observation and safe operation.



直线导轨 Linear Guide Rail

引导平稳滑动，延长系统使用寿命
Guides smooth movement and extends service life.

直线导轨提供平稳顺畅的滑动路径，减少摩擦与运行阻力，延长后挡料机构的使用寿命
Provides low-friction motion to reduce wear and maintain long-term alignment.



滚珠丝杆 Ball Screw

高精传动结构，保障重复定位一致
High-precision transmission for repeatable positioning

滚珠丝杆传动精度高，确保后挡料系统在反复定位中保持高度一致性
Delivers accurate motion control for reliable and consistent backgauge performance during repeated positioning.

BPG Series 龙门式伺服电液数控折弯机技术参数

BPG Series Gantry Frame Servo Electro-Hydraulic CNC Press Brake Machine Technical Parameters

型号 Model	110T2500	110T3000	110T4000	130T3000	130T4000	170T3000	170T4000	250T3000	250T4000	320T3000	320T4000
折弯压力 Bending Capacity (kN)	1100	1100	1100	1300	1300	1700	1700	2500	2500	3200	3200
折弯长度 Bending Length(mm)	2500	3000	4000	3000	4000	3000	4000	3000	4000	3000	4000
立柱间距 Distance Between Columns (mm)	2860	3360	4360	3360	4360	3360	4360	3360	4360	3360	4360
开启高度 Open Height (mm)	665	665	665	665	665	665	665	665	665	665	665
油缸行程 Ram Stroke (mm)	400	400	400	400	400	400	400	400	400	400	400
主伺服电机功率 Main Motor Power (kW)	9	9	9	9	9	15	15	22	22	22	22
外形尺寸 LxWxHOverall Dimensions(mm)	3720x1825x3100	4220x1825x3100	5220x1825x3100	4220x2025x3100	5220x2025x3100	4220x2025x3100	5220x2025x3100	4220x2075x3100	5220x2075x3100	4220x2075x3100	5220x2075x3100
轴数 Number of Axes	8+1	8+1	8+1	8+1	8+1	8+1	8+1	8+1	8+1	8+1	8+1
X1、X2轴行程 X Axis Stroke	600	600	600	600	600	600	600	600	600	600	600
R1、R2轴行程 R Axis Stroke	200	200	200	200	200	200	200	200	200	200	200
Z1、Z2轴行程 Z Axis Stroke	2000	2500	3500	2500	3500	2500	3500	2500	3500	2500	3500
X轴速度 X Axis Speed (mm/s)	450	450	450	450	450	450	450	450	450	450	450
R轴速度 R Axis Speed (mm/s)	200	200	200	200	200	200	200	200	200	200	200
快下速度 Max Fast Approach Speed	200	200	200	200	200	180	180	150	150	140	140
工进速度 Max Working Speed	1-15	15	15	15	15	15	15	15	15	15	15
回程速度 Max Return Speed	180	180	180	180	180	180	180	140	140	140	140

BPG Series 龙门式伺服电液数控折弯机产品配置

BPG Series Gantry Frame Servo Electro-Hydraulic CNC Press Brake Machine Product Configuration

系统 System	型号 Model	110T2500	110T3000	110T4000	130T3000	130T4000	170T3000	170T4000	250T3000	250T4000	320T3000	320T4000
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding										
	吊臂 Lifting Beam	●										
	工作台 Working Table	●										
	磁栅尺 Magnetic Linear Scale	● GIVI, 意大利 GIVI, Italy										
	托料装置 Support Arm	● 固定式托料装置 Fixed Support Device ◎ 随动托料装置 Follow-up Support Device										
	扰度补偿装置 Deflection Compensation	●										

BPG Series 龙门式伺服电液数控折弯机产品配置

BPG Series Gantry Frame Servo Electro-Hydraulic CNC Press Brake Machine Product Configuration

系统 System	型号 Model	110T2500	110T3000	110T4000	130T3000	130T4000	170T3000	170T4000	250T3000	250T4000	320T3000	320T4000
液压系统 Hydraulic System	主伺服电机 Main Servo Motor	● 埃斯顿, 中国 ESTUN CHINA										
	油箱 Hydraulic Oil Tank	●										
	油泵 Pump	● ALLEAD, CHINA 欧力德, 中国										
	阀组 Valve Block	● 力士乐,德国 REXROTH,GERMANY										
	液压缸 Main Hydraulic Cylinder	●										
	油管接头 Hydraulic Fittings	● RASTELLI RACCORDI, 意大利 RASTELLI RACCORDI, ITALY										
后挡料系统 Backgauge System	伺服电机/驱动 Servo Motor & Drive	● 埃斯顿, 中国 ESTUN, CHINA ◎ 汇川, 中国 INOVANCE, CHINA										
	直线导轨 Linear Guide Rail	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA										
	滚珠丝杆 Ball Screw	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA										
	挡指 Back Gauge Finger	●										
控制系统 Control System	轴数 Number of Axes	8+1轴axis										
	数控系统 CNC Controller	● 高斯860T, 德国 GAUSSCN 860T, GERMANY ◎ 高斯880T, 德国 GAUSSCN 880T, GERMANY										
	工业触摸屏 HMI Touch Panel	●										
电气系统 Electrical System	电控柜 Electrical Cabinet	● 施耐德, 法国 SCHNEIDER, FRANCE										
	LED照明 LED Work Area Light	●										
	电源电压 Power Supply Voltage	可定制 Customizable										
模具系统 Tooling System	夹紧装置 Qucik Clamp	●										
	模具 Mold	● 双V模具 Double-V ◎ 单V模具Single-V ◎ 多V模具 Multi-V										
安全系统 Safety System	前安全防护 Front Safety Protection	● 诺巨, 意大利 NUOVA, ITALY ○ MSD 3 点激光保护 MSD 3-Point Laser Protection ○ DSP 5 点激光保护 DSP 5-Point Laser Protection ○ DSP 9 点激光保护带 MCS DSP 9-Point Laser Protection with MCS										
	后门防护 Rear Guard Protection	○ 信索, 中国 SENSORC, CHINA Light Curtain Protection										
	左右防护门 Left/Right Guard Protection	●										
	紧急停止 Emergency Stop	●										
	脚踏开关 Foot Pedal	●										
辅助系统 Auxiliary System	机器人 Bending Robot	○ 埃斯顿, 中国 ESTUN CHINA										
	温控装置 Oil Temperature Control Unit	○										

注：● 表示标配 ○ 表示选配(加配置) ◎ 表示选配(换配置) - 表示无此配置 Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BPE Series

Electric Servo CNC Press Brake Machine 纯电伺服数控折弯机



极致节能/Ultra Energy Saving

纯电驱动无液压油，能耗比传统机型降80%。
All-electric drive, no hydraulic oil, cuts energy use by 80% vs traditional.



静音环保/Quiet & Clean

运行噪音显著降低，无油污泄漏，洁净生产。
Significantly lower noise, no oil leaks for clean, environmentally friendly production.



动态精准/Dynamic Precision

伺服电机直接控制，动态响应快，精度极高。
Direct servo motor control enables fast response and extreme precision.



维护简便/Easy Maintenance

结构简化免液压油，日常维护成本大幅降低。
Simplified structure, no hydraulic oil, greatly reduces routine maintenance.



后门防护 Rear Guard Protection

选配 Optional

封闭后方区域，防止误入危险区
Encloses the back area to avoid unauthorized access.

后门采用封闭结构设计，防止非操作人员进入危险区域，保障生产现场的人员安全。
The rear door adopts a closed structure design to prevent non-operating personnel from entering the dangerous area.



前门防护 Front Guard Protection

选配 Optional

实时监测区域，预防人员误入
Real-time detection to prevent injury.

安全光幕实时检测作业区域动态，在人员误入或操作异常时立即触发停机保护，防止意外发生。
Safety light curtain detect intrusions and abnormal operation, and instantly stop machine motion to ensure operator safety.



油泵 Pump

提供持续压力，保障动力输出平稳。
Provides continuous oil pressure for smooth operation.

油泵可持续向液压系统输送稳定压力，确保各执行机构动作流畅。
Continuously supplies pressure to actuators, enabling reliable and efficient movement during processing.



油管接头 Hydraulic Fittings

密封连接油路，防止液压泄漏
Sealed connections prevent leakage and ensure safety.

油管接头连接系统各部分油路，具备优良的密封性和耐压能力，有效防止液压油泄漏，保障系统安全运行。
Durable and pressure-resistant fittings secure oil paths and protect the system from leaks.

BPE Series 纯电伺服数控折弯机技术参数

BPE Series Electric Servo CNC Press Brake Machine Technical Parameters

型号 Model	15T650	30T1050	40T1500	60T1500	60T2000
折弯压力 Bending Capacity (kN)	150	300	400	600	600
折弯长度 Bending Length(mm)	650	1050	1500	1500	1500
立柱间距 Distance Between Columns (mm)	300	800	1200	1200	1200
开启高度 Open Height (mm)	380	380	380	380	380
喉口深度 Throat Depth(mm)	220	220	220	220	220
油缸行程 Ram Stroke (mm)	120	120	120	120	120
主伺服电机功率 Main Motor Power (kW)	2.5	2*2.5	2*4	2*5.5	2*5.5
外形尺寸 LxWxHOverall Dimensions(mm)	1450×1400×2050	1850×1400×2050	1850×1400×2050	1850×1400×2150	1850×1400×2150
X轴行程 X-Axis Stroke	400	400	400	400	400
R轴行程 R-Axis Stroke	150	150	150	150	150
X轴速度 X-Axis Speed (mm/s)	550	550	550	550	550
R轴速度 R-Axis Speed (mm/s)	200	200	200	200	200
快下速度 Max Fast Approach Speed	300	300	300	300	300
工进速度 Max Working Speed	1-30	1-30	1-30	1-30	1-30
回程速度 Max Return Speed	300	300	300	300	300

BPE Series 纯电伺服数控折弯机产品配置

BPE Series Electric Servo CNC Press Brake Machine Product Configuration

系统 System	型号 Model	15T650	30T1050	40T1500	60T1500	60T2000
机械系统 Mechanical System	床身 Bed	钢板焊接 Steel Plate Welding				
	吊臂 Lifting Beam	●				
	工作台 Working Table	●				
	磁栅尺 Magnetic Linear Scale	● GIVI, 意大利 GIVI, Italy				
	托料装置 Support Arm	● 固定式托料装置 Fixed Support Device ◎ 随动托料装置 Follow-up Support Device				

BPE Series 纯电伺服数控折弯机产品配置

BPE Series Electric Servo CNC Press Brake Machine Product Configuration

系统 System	型号 Model	15T650	30T1050	40T1500	60T1500	60T2000
驱动系统 Drive System	主伺服电机 Main Servo Motor	● 埃斯顿, 中国 ESTUN, CHINA ◎ 汇川, 中国 INOVANCE, CHINA				
	主滚珠丝杆 Main Ball Screw	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA				
后挡料系统 Backgauge System	伺服电机/驱动 Servo Motor & Drive	● 新代, 中国台湾 SYNTEC, TAIWAN CHINA				
	直线导轨 Linear Guide Rail	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA				
	滚珠丝杆 Ball Screw	● 高斯, 德国 GAUSSCN, GERMANY ◎ 上银, 中国 HIWIN, TAIWAN CHINA				
	挡指 Back Gauge Finger	●				
控制系统 Control System	轴数 Number of Axes	5 axis	6 axis	6 axis	6 axis	6 axis
	数控系统 CNC Controller	● 高斯860T, 德国 GAUSSCN 860T, GERMANY ◎ 高斯880T, 德国 GAUSSCN 880T, GERMANY				
	工业触控屏 HMI Touch Panel	●				
电气系统 Electrical System	电控柜 Electrical Cabinet	● 施耐德, 法国 SCHNEIDER, FRANCE				
	LED照明 LED Work Area Light	●				
	电源电压 Power Supply Voltage	可定制 Customizable				
模具系统 Tooling System	夹紧装置 Qucik Clamp	●				
	模具 Mold	● 双V模具 Double-V ◎ 单V模具 Single-V ◎ 多V模具 Multi-V				
安全系统 Safety System	前安全防护 Front Safety Protection	● 诺巨, 意大利 NUOVA, ITALY ○ MSD 3 点激光保护 MSD 3-Point Laser Protection ○ DSP 5 点激光保护 DSP 5-Point Laser Protection ○ DSP 9 点激光保护带 MCS DSP 9-Point Laser Protection with MCS				
	后门防护 Rear Guard Protection	○ 信索, 中国 SENSORC, CHINA Light Curtain Protection				
	左右防护门 Left/Right Guard Protection	●				
	紧急停止 Emergency Stop	●				
	脚踏开关 Foot Pedal	●				
辅助系统 Auxiliary System	机器人 Bending Robot	○ 埃斯顿, 中国 ESTUN CHINA				

注：● 表示标配 ○ 表示选配(加配置) ◎ 表示选配(换配置) - 表示无此配置 Note: ● Standard ○ Optional (Add) ◎ Optional (Replace) - Not Available

BPP Series

BPP Series Press Arm Type Automatic Panel Bender

压臂式自动折弯中心



空间集约/Compact Layout

集成化设计，以最小占地面积实现自动化。
Integrated design achieves automation with minimal floor space.



编程智能/Smart Programming

图形化编程，复杂工件一次成型无需干预。
Graphical programming enables one-shot forming of complex parts without intervention.



操作安全/Operational Safety

人机隔离，全封闭防护，杜绝操作安全风险。
Fully enclosed design separates operator from hazards for maximum safety.



全自动/Fully Automated

自动上下料与折弯，实现无人化批量生产。
Automated loading/unloading and bending enable unmanned batch production.



伺服电机/驱动 Servo Motor & Drive

控制挡料运动，实现快速精准定位。
Controls gauge movement for accurate positioning.

伺服电机与驱动系统控制后挡料快速精准移动，实现高效定位与自动化折弯流程，提升加工效率与一致性。
It enables fast, precise motion of the backgauge, improving setup efficiency and consistency.



折弯机器人 Bending Robot

选配 Optional

自动上下料折弯，实现智能生产。
Automates loading and bending for smart production.

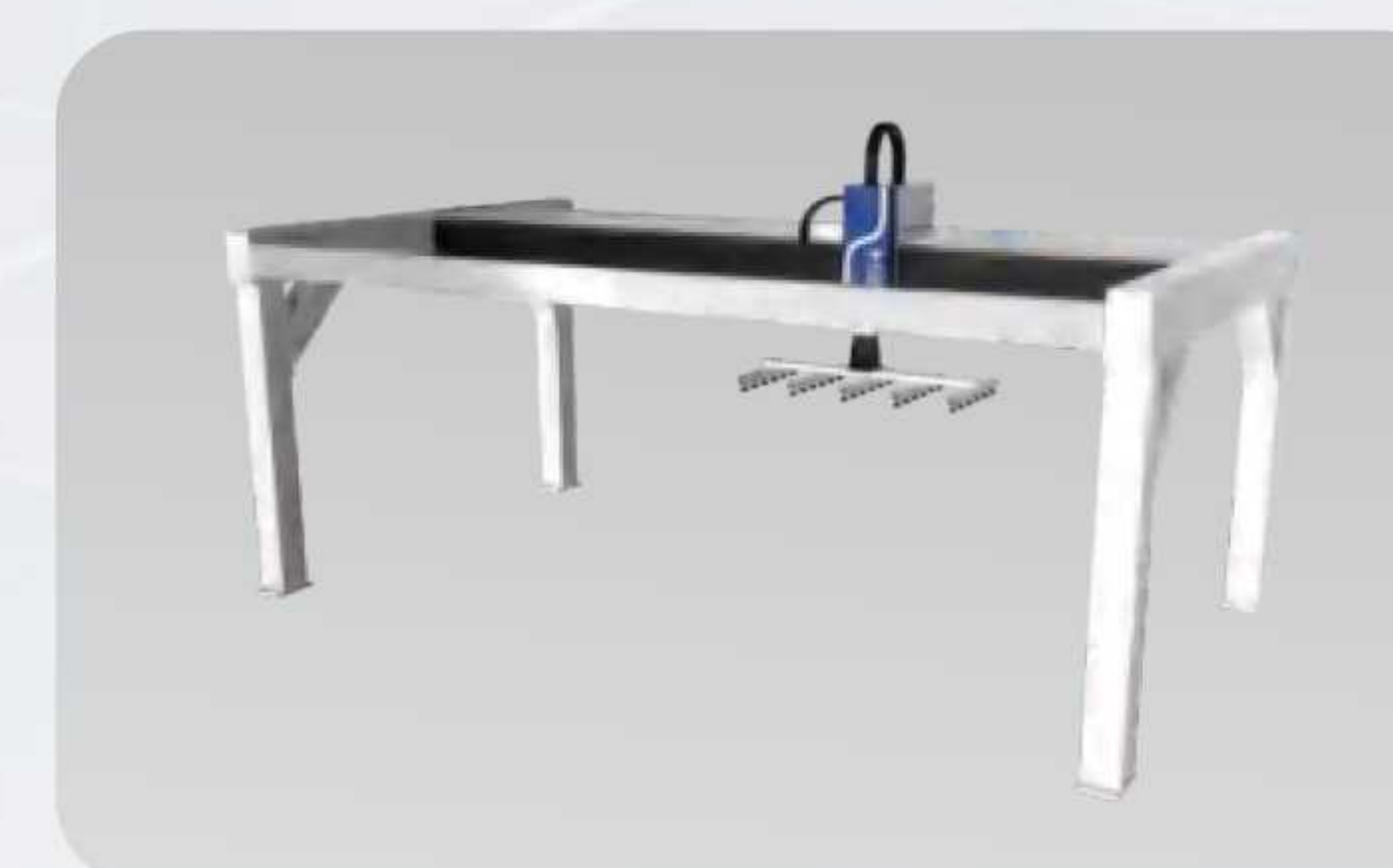
工业机器人可自动完成上下料与折弯任务，支持与主机联动运行，打造高效、智能化的柔性生产线。
Performs automated loading/unloading and bending tasks to build an efficient, flexible manufacturing line.



数控系统 CNC Controller

支持智能编程，实现多轴同步控制。
Enables graphic programming and multi-axis coordination.

数控系统具备强大的图形编程与多轴联动能力，可实现多工步自动运行，提高加工的自动化和灵活性。
Supports graphic programming and multi-axis linkage capabilities for flexible and automated operation.



龙门式上下料系统 Gantry Loading/Unloading System

选配 Optional

大幅提升产能，投资回报率高。
Dramatically Boost Output, High Return on Investment

无缝衔接折弯中心，极速完成上下料，将设备有效工作时间最大化，显著提高整体产能，快速收回投资。

Seamlessly integrates with the press brake to minimize idle time and maximize productive hours, significantly increasing overall output and ROI.

BPP Series 压臂式自动折弯中心技术参数

BPP Series Press Arm Type Automatic Panel Bender Technical Parameters

型号 Model	BPP1600	BPP2000	BPP2500	BPP3000
最大折弯长度 Max Bending Length(mm)	1600	2000	2500	3000
最大折弯高度 Max Bending Height(mm)	180	180	180	180
折弯厚度 Bending thickness (mm)	抗拉强度 650N/mm² 304 不锈钢: 0.3~2mm UST 650N/mm² 304 Stainless Steel: 0.3~2mm	抗拉强度 650N/mm² 304 不锈钢: 0.3~2mm UST 650N/mm² 304 Stainless Steel: 0.3~2mm	抗拉强度 650N/mm² 304 不锈钢: 0.3~2mm UST 650N/mm² 304 Stainless Steel: 0.3~2mm	抗拉强度 650N/mm² 304 不锈钢: 0.3~2mm UST 650N/mm² 304 Stainless Steel: 0.3~2mm
	抗拉强度450N/mm² 冷板: 0.3~3mm UST 450N/mm² Cold Plate 0.3~3mm	抗拉强度450N/mm² 冷板: 0.3~3mm UST 450N/mm² Cold Plate 0.3~3mm	抗拉强度450N/mm² 冷板: 0.3~3mm UST 450N/mm² Cold Plate 0.3~3mm	抗拉强度450N/mm² 冷板: 0.3~3mm UST 450N/mm² Cold Plate 0.3~3mm
	抗拉强度 210N/mm² 铝板: 0.3~4mm UST 210N/mm² Aluminum Plate: 0.3~4mm	抗拉强度 210N/mm² 铝板: 0.3~4mm UST 210N/mm² Aluminum Plate: 0.3~4mm	抗拉强度 210N/mm² 铝板: 0.3~4mm UST 210N/mm² Aluminum Plate: 0.3~4mm	抗拉强度 210N/mm² 铝板: 0.3~4mm UST 210N/mm² Aluminum Plate: 0.3~4mm
电机功率 Main Motor Power (kW)	75	75	110	110
外形尺寸 Overall Dimensions(mm)	5200*2000*3200	6200*2500*3200	7200*3200*3200	8200*3900*3200
最快单次折弯时间 Fastest Single-Time Bending Time (s)	0.2	0.2	0.2	0.2
最大旋转直径 Max Rotation Diameter(mm)	2050	2400	2800	3300
定位宽度 Positioning Width (mm)	200~1650	200~2050	200~2550	200~3050
单边最小成型尺寸 Single-side min forming dimension (mm)	170	170	170	170
双边最小成型尺寸 Bilateral Minimum Forming Dimensions(mm)	200	200	200	200
四边最小成型尺寸 Four Side Minimum Forming Dimensions (mm)	200*200	200*200	200*200	200*200
折弯角度 Bending angle(°)	0 ~ 180°	0 ~ 180°	0 ~ 180°	0 ~ 180°

BPP Series 压臂式自动折弯中心产品配置

BPP Series Press Arm Type Automatic Panel Bender Product Configuration

系统 System	型号 Model	BPP1600	BPP2000	BPP2500	BPP3000
机械系统 Mechanical System	床身结构 Bed	钢板焊接 Steel Plate Welding			
	压臂结构 Press Arm Structure	●			
	工作台 Working Table	●			
	托料装置 Support Arm	●固定式托料装置 Fixed Support Device ◎随动托料装置 Follow-up Support Device			
传动系统 Drivetrain System	伺服电机/驱动 Servo Motor & Drive	● 新代,中国台湾 , SYNTEC, TAIWAN CHINA			
	直线导轨 Linear Guide Rail	● 高斯, 德国GAUSSCN, GERMANY ◎上银,中国 HIWIN, TAIWAN CHINA			
	滚珠丝杆 Ball Screw	● 高斯, 德国GAUSSCN, GERMANY ◎上银,中国 HIWIN, TAIWAN CHINA			
控制系统 Control System	轴数 Number of Axes	● 标准12轴; Standard 12 axis ◎24轴; 24 axis			
	数控系统 CNC Controller	● BYCA 8000T, 中国 BYCA 8000T, CHINA			
	工业触控屏 HMI Touch Panel	●			
电气系统 Electrical System	电气 Electrical	● 施耐德, 法国 SCHNEIDER, FRANCE			
	LED照明 LED Work Area Light	●			
	电源电压 Power Supply Voltage	可定制 Customizable			
模具系统 Tooling System	模具 Mold	●			
安全系统 Safety System	紧急停止 Emergency Stop	●			
	脚踏开关 Foot Pedal	●			
辅助系统 Auxiliary System	机器人 Bending Robot	○ 埃斯顿, 中国 ESTUN CHINA			
	自动模具更换系统 Automatic Tool Changing System	○			
	龙门式上下料系统 Gantry Loading/Unloading System	○			

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BALS Series

BALS Series Automatic Metal Sheet Laser Cutting Production Line

自动化板材激光切割生产线



01 智能自动化控制 Intelligent Automation

整线实现自动上下料与卸料，实现无人值守连续生产
Full-line automatic loading and unloading enable lights-out continuous operation.

02 高精切割质量 High-Cut Quality

激光精切边缘光滑，无需二次打磨，切割品质优异
Laser cuts smooth edges that require minimal post-processing.

03 高效生产节拍 Enhanced Production Efficiency

激光切割速度快，结合自动化系统可显著提升生产节拍
Fast laser cutting combined with automation significantly boosts production pace.

04 降低成本与废料 Reduce Costs and Waste

高精度切割和智能排版减少材料浪费与加工成本
Precision cutting and nesting minimize material waste and operating costs.

05 柔性制造能力 Flexible Manufacturing

切割图形可通过软件快速调整，适应小批量多样化需求
Cutting patterns can be quickly updated via software to meet diverse batch requirements.

06 多样材料兼容性 Versatile Material Compatibility

适用于不同金属材料与板材，适应多种应用场景
Suitable for cutting various sheet metals across diverse applications.

BALC Series

BALC Series Automatic Coil Laser
Cutting, Bending Production Line
自动化卷材激光切割折弯生产线



01 连续自动生产
Continuous Unmanned
Production

卷材直供，无需频繁换料，实现无间断、高效切割
Direct coil feeding eliminates frequent material changes
for uninterrupted, highly efficient cutting.

02 极致材料利用
Maximized Material
Utilization

连贯排版最大化材料利用率，减少废料损耗
Seamless nesting optimizes use of material and
minimizes scrap.

03 自动化流程
Fully Automated
Workflow

系统集成解卷、整平、切割与堆料，实现全流程无人化
Integrated decoiling, leveling, cutting, and stacking for a fully
automated process.

04 节省人工成本
Labor Cost Savings

自动化减少人工干预，降低劳动力开支
Automation reduces manual intervention,
lowering labor costs.

05 灵活适应生产变更
Flexible Production
Adaptability

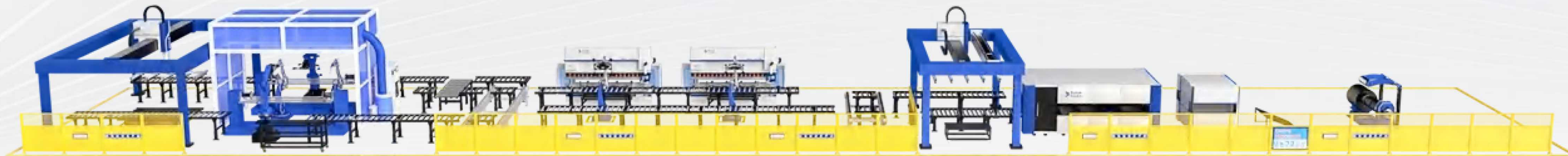
无需更换硬件即可快速调整切割图形，应对产品频繁变更
Rapid adjustment of cutting patterns without hardware change
to accommodate product variations.

06 匀称切割，减少变形
Warp-Free Precision
Cutting

非接触激光切割确保切缝平滑、变形最小
Non-contact laser cutting ensures smooth edges with minimal
deformation.

BALR Series

BALR Series Automatic Coil Laser
Cutting, Bending, Welding Production Line
自动化卷材激光切割折弯焊接生产线



01 一键启动 全程自动
One-Button Start, Fully Automatic

从卷料到成品，减少人工干预，实现高效连续生产
From coil to finished product, minimal manual intervention enables efficient continuous production.

02 精准加工 品质如一
Precision Machining, Consistent Quality

激光切割与数控折弯，确保每个零件的高精度与一致性
Laser cutting and CNC bending ensure high precision and consistency for every part.

03 六机一体 省地节人
Six-in-One Line, Saves Space & Labor

集成六大工序于一条生产线，大幅节省空间与人力成本
Integrates six processes into one line, drastically saving floor space and labor costs.

04 柔性生产 快速换型
Flexible Production, Quick Changeover

适应多品种小批量订单，快速切换程序，提升市场响应力
Adapts to high-mix, low-volume orders with fast program switching for market agility.

05 一体成型 实力降本
Integrated Forming, Cuts Costs

自动化流水线作业，减少周转与在制品，综合降低成本
Automated flow operation reduces material handling and WIP, lowering overall costs.

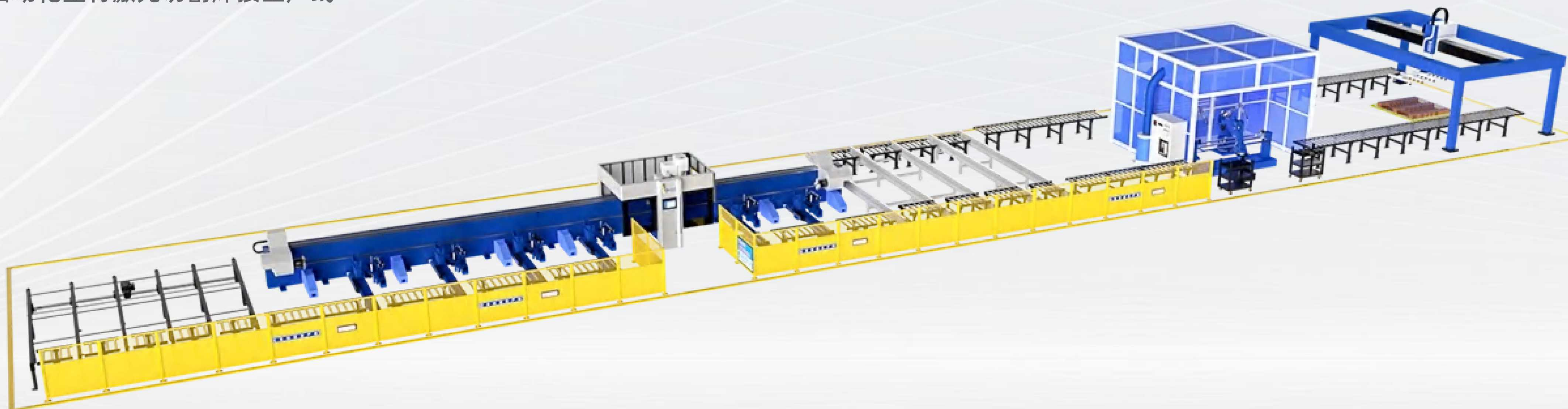
06 智能联动 高效产出
Smart Synergy, High Efficiency

各单元智能协同，无缝衔接，最大化设备利用率与产能
Intelligent coordination between units ensures seamless operation for maximum utilization and output.

BALP Series

BALP Series Automatic Profile Laser Cutting, Welding Production Line

自动化型材激光切割焊接生产线



01 全能三维 精准切割
3D Versatility, Precision Cutting

应对管材、方通、角钢等复杂三维轮廓的精细激光切割
Handles complex 3D contours of tubes, square pipes, and angle steel with fine laser cutting.

02 自动上料 高效连续
Auto Loading, High Efficiency

料库自动选材上料，实现长时间无人化连续高效生产作业
Automatic material selection and feeding enables long unmanned, continuous operation.

03 柔性生产 一机多能
Flexible Production, Multi-Function

快速切换程序与夹具，适应多品种、小批量的柔性化制造
Quick change of programs and fixtures adapts to high-mix, low-volume manufacturing.

04 切割焊接 一体完成
Integrated Cutting & Welding

集成切割与焊接工序，减少二次定位，提升精度与效率
Combines cutting and welding, reduces repositioning, boosts precision and efficiency.

05 专业焊接 质量稳固
Expert Welding, Solid Quality

专为型材设计的焊接工艺，确保结构件焊缝牢固美观
Welding process designed for profiles ensures strong and clean welds on structural parts.

06 省工省料 降本增效
Saves Labor & Material, Cuts Cost

自动化运行节省人工，优化排版减少耗材，综合效益高
Automated operation saves labor, optimized nesting reduces waste, increases ROI.

BWH Series

Handheld Laser Welding Machine 手持式激光焊接机



- 01 简单易学**
Easy to Learn
零基础人员经过简单培训即可上手。
Beginners can operate after minimal training.
- 02 美观焊缝**
Smooth and Attractive Welds
焊缝平滑美观，几乎无需后续打磨。
Produces smooth and attractive welds with little to no post-grinding needed.
- 03 低变形**
Low Deformation
通过精确能量控制，焊接不变形或变形极小。
Precise energy control ensures little to no deformation during welding.
- 04 灵活焊接**
Flexible Welding
配备10米光纤，支持大工件远距离操作及多种焊接工艺。
Equipped with a 10m fiber cable, enabling long-distance welding of large workpieces and multiple welding methods.

广泛适用 Wide Material Compatibility

可焊接不锈钢、碳钢、铝、镀锌板等多种金属材料，甚至可直接用空气焊。
Capable of welding stainless steel, carbon steel, aluminum, galvanized sheets, and more – even using air directly.



BWG Series

Ground Rail Type Mobile Robot Welding Workstation 地轨式移动机器人焊接工作站



- 01 扩展作业范围**
Expanded Working Range
第七轴轨道拓展了机器人活动空间覆盖更大焊接区域。
High-speed and precise motion greatly improves productivity.
- 02 双侧灵活作业**
Bilateral Flexible Operation
轨道两侧可同时设工作区，提升空间利用率和灵活性。
Work zones can be arranged on both sides of the rail for better space utilization and flexibility.
- 03 高效协同生产**
Efficient Collaborative Production
支持焊接与搬运无缝衔接，大幅提高生产效率。
Enables seamless integration of welding and handling to significantly boost productivity.
- 04 精准稳定控制**
Accurate and Stable Control
具备高精度视觉与轨道控制，保证焊接质量稳定可靠。
High-precision vision and rail control ensure consistent and reliable weld quality.
- 05 广泛工件适应**
Versatile Workpiece Adaptation
可根据不同尺寸和类型工件灵活调整，适应多种焊接需求。
Flexibly accommodates various sizes and types of workpieces for diverse welding needs.

BWR Series

Robot Laser Welding Workstation 机器人激光焊接工作站



- 01 高速高效**
High Speed & Efficiency
高速精准动作，大幅提升生产效率。
High-speed and precise motion greatly improves productivity.
- 02 中空手臂**
Hollow Arm Design
电缆内置于中空手臂，减少干涉和损坏，布局更灵活。
Built-in cables in the hollow arm reduce interference and damage, offering greater layout flexibility.
- 03 高品质焊接**
Superior Welding Quality
先进工艺降低飞溅，焊缝更稳定美观。
Advanced technology reduces spatter for cleaner and more stable welds.
- 04 紧凑集成**
Compact Integration
小型控制柜支持多种安装方式，节省空间更易部署。
Compact controller supports multiple installation methods, saving space and simplifying setup.
- 05 操作便捷**
Easy Operation & Maintenance
轻量示教器与简化配线设计，让操作维护更轻松高效。
Lightweight teach pendant and simplified wiring make operation and maintenance easier and more efficient.

PARTNERS



部分合作伙伴



期待与您的合作

Looking Forward to Your Cooperation