

Jobon 中邦

JOBON LASER

AUTOMATIC
LASER EQUIPMENT

自动化激光设备

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Laser Welding Machine

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公司简介 COMPANY PROFILE

中邦激光是一家集激光应用设备研发、生产和销售于一体的高科技企业，专注于生产激光焊接机、激光清洗机、激光打标机、激光切割机等激光设备。

公司在激光领域深耕超过14年，拥有自己的工厂，包括整洁的仓库、划分明确的车间和展厅，欢迎您的来访。

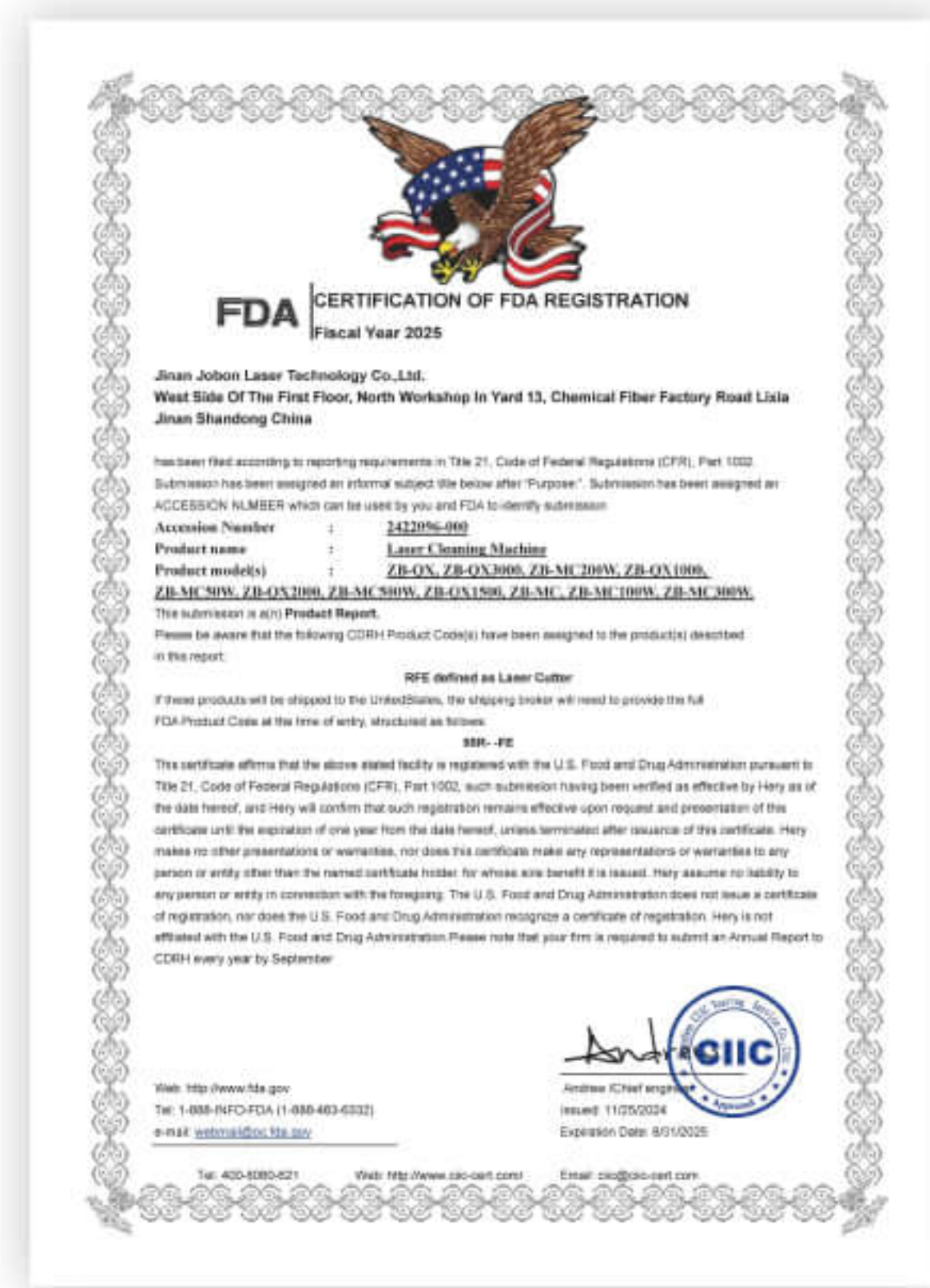
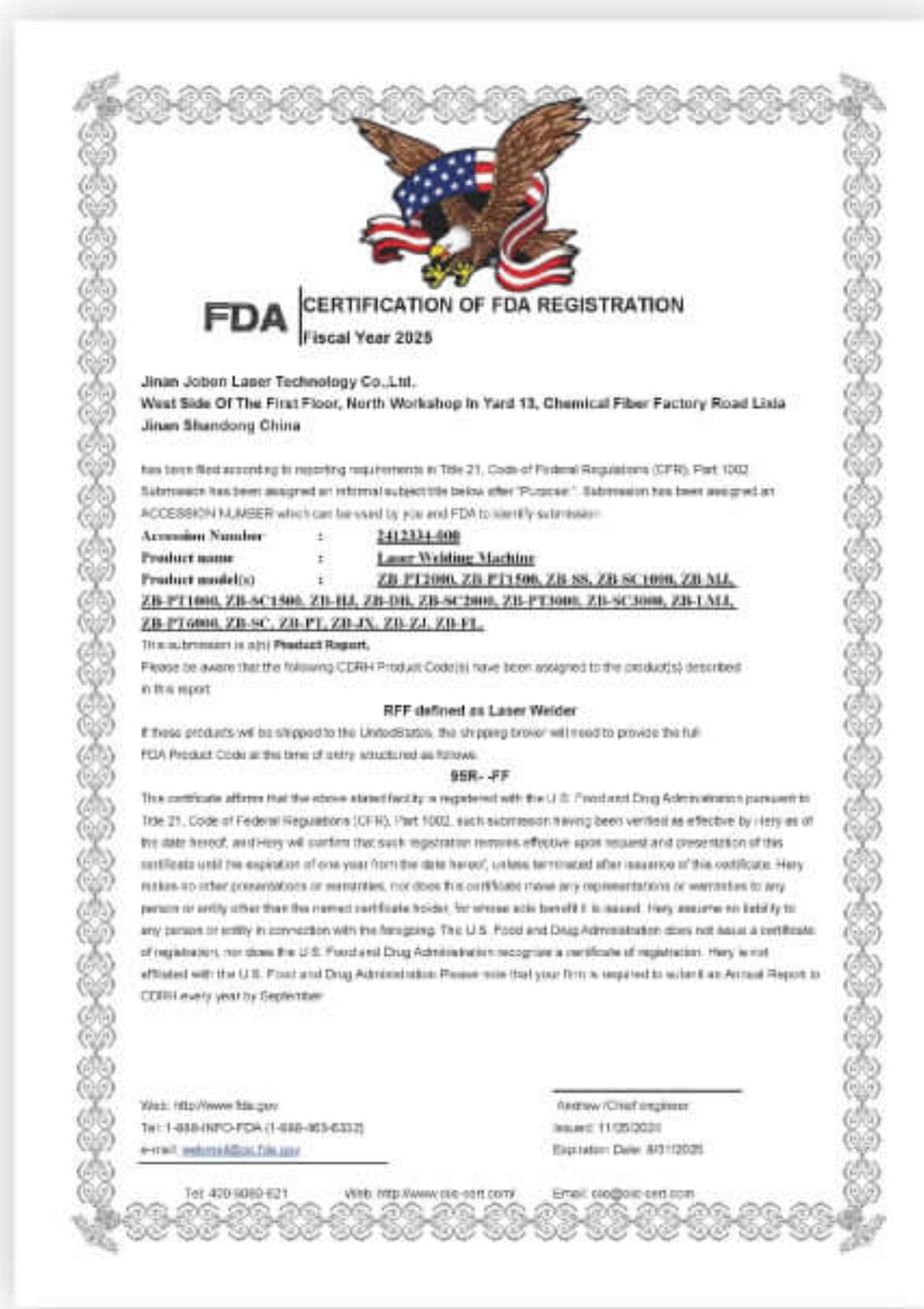
Jobon Laser is a high-tech enterprise integrating R&D, production and sales of laser application equipment, specialized in manufacturing laser equipments such as laser welding machine, laser cleaning machine, laser marking machine, laser cutting machine etc.

Our company has been engaged in laser industry for more than 14 years, have our own factory, including neat warehouse, clearly divided workshop, showroom, welcome your visiting.

30+ 产品数量
Number of products

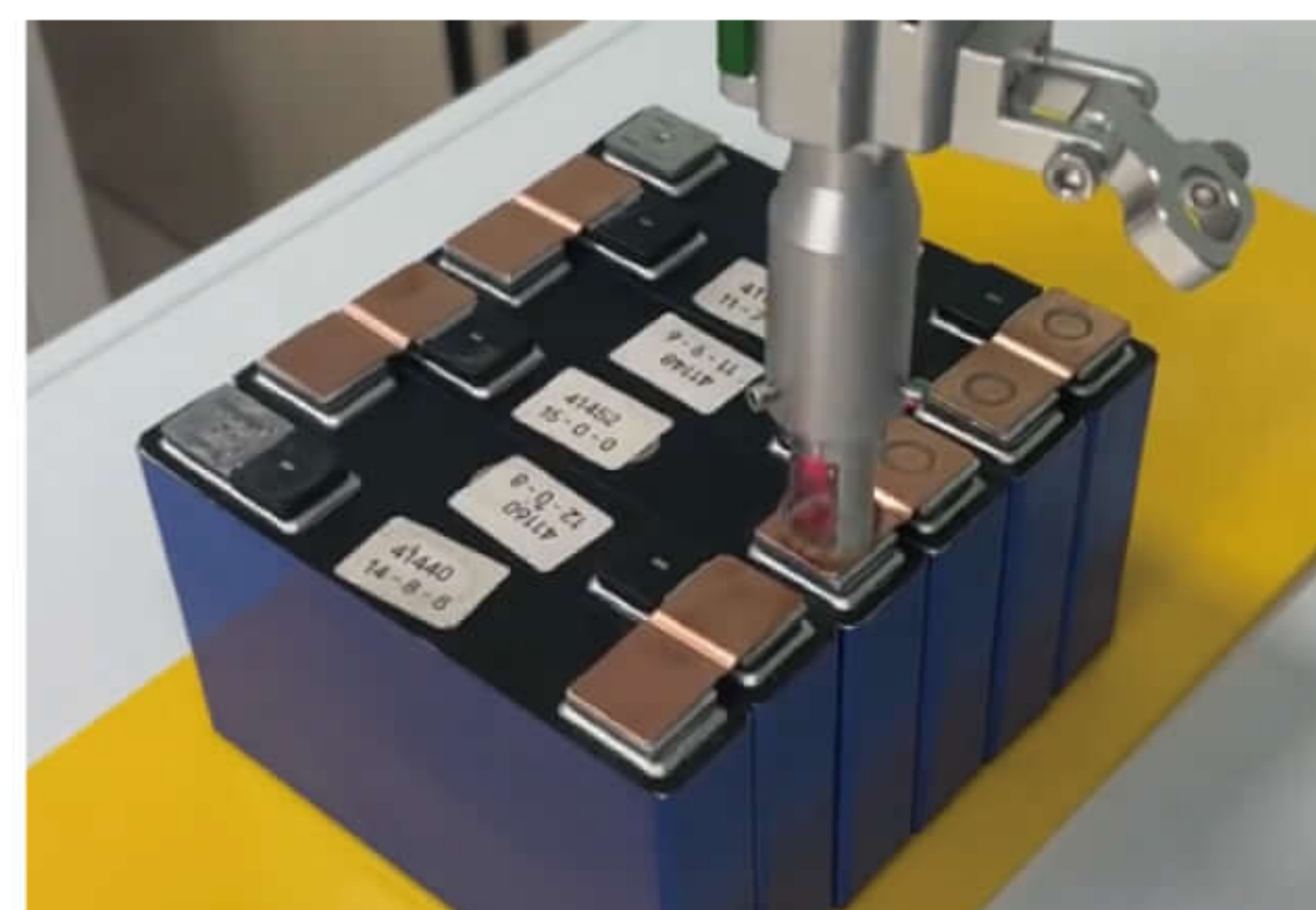
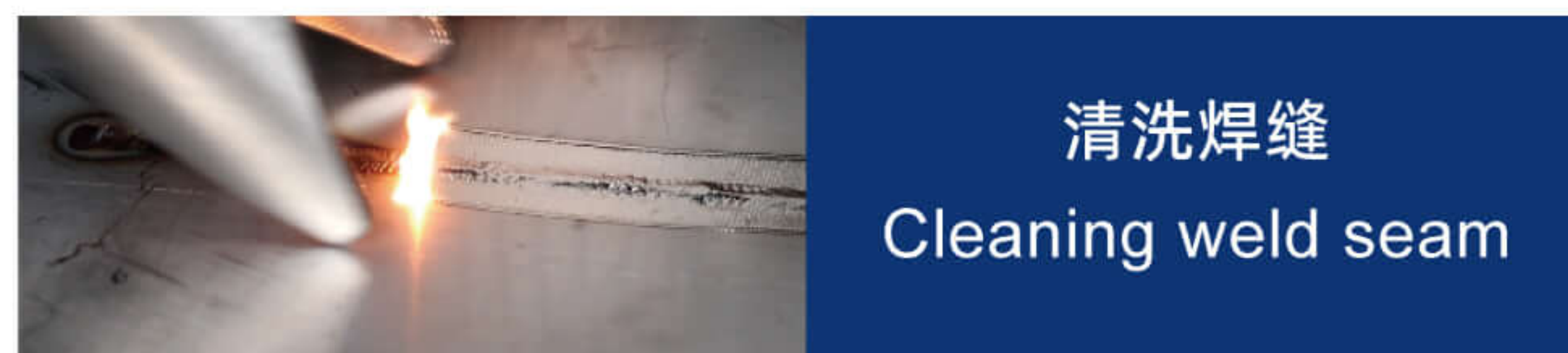
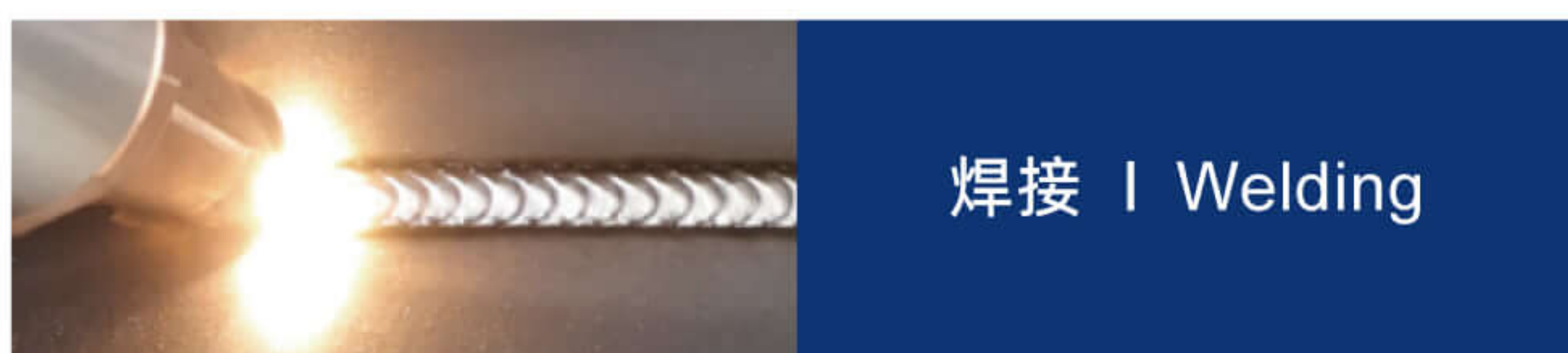
14+ 激光领域
Laser field

2000m² 公司规模
The floor scape of the company



激光焊接机

Laser Welding Machine



产品介绍 Product introduction

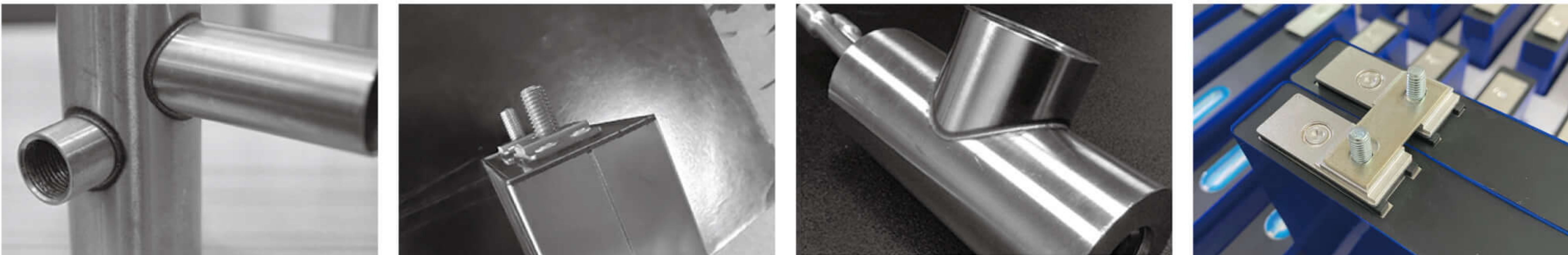
该设备具有五种功能：焊接、切割、远程清洗、清洗焊缝和储能焊接。可连接，单丝、双丝、三丝，摆动宽度0-8mm,实现厚板宽缝焊接。超轻型激光头配备了双保护镜片，解决了传统手持焊接机聚焦镜片的脆弱性问题。它为客户节省了维护成本。该设备还配备了智能温度监测系统，可自动检测镜片温度。如果温度超过设定值，就会触发警报，设备停止工作。

The machine has 5 functions: welding, cutting, remote cleaning, weld seam welding and reservoir welding. Can be connected single wire, double wire, three wire, swing width 0-8mm, to realize the thick plate wide seam welding. The ultra-lightweight laser head is equipped with double protective lenses, which solves the vulnerability problem of the focusing lenses of traditional handheld welding machines. It saves maintenance costs for the customer. The unit is also equipped with an intelligent temperature monitoring system that automatically detects the lens temperature. If the temperature exceeds the set value, an alarm is triggered and the device stops working.

应用领域 Application area

广泛应用于复杂、不规则工艺焊接的橱柜、厨卫、楼梯电梯、货架、烤箱、不锈钢门窗护栏、配电箱、不锈钢家私等。

It is widely used in complex and irregular welding processes in cabinets, kitchens and bathrooms, stair elevators, shelves, ovens, stainless steel door and window guardrails, distribution boxes, stainless steel home furniture, etc.



产品参数 Product parameter

型号 Model	ZB-SC1000 / 1500 / 2000	ZB-SC3000 / 6000
激光功率 Laser power	1000 W / 1500 W / 2000 W	3000 W / 6000 W
焊接厚度 Welding thickness	0.1 - 6 mm	0.1 - 12 mm
焊接宽度 Welding width	0 - 5 (双丝 Double wire feed 0 - 8)	
光纤长度 Fiber length	10 / 15 / 20 / 25 m (Can be customized) 可定制	
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling	
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz	
产品尺寸 Machine size	94*54*108 cm / 93*56*104 cm	100*61*110 cm

特域激光焊接机

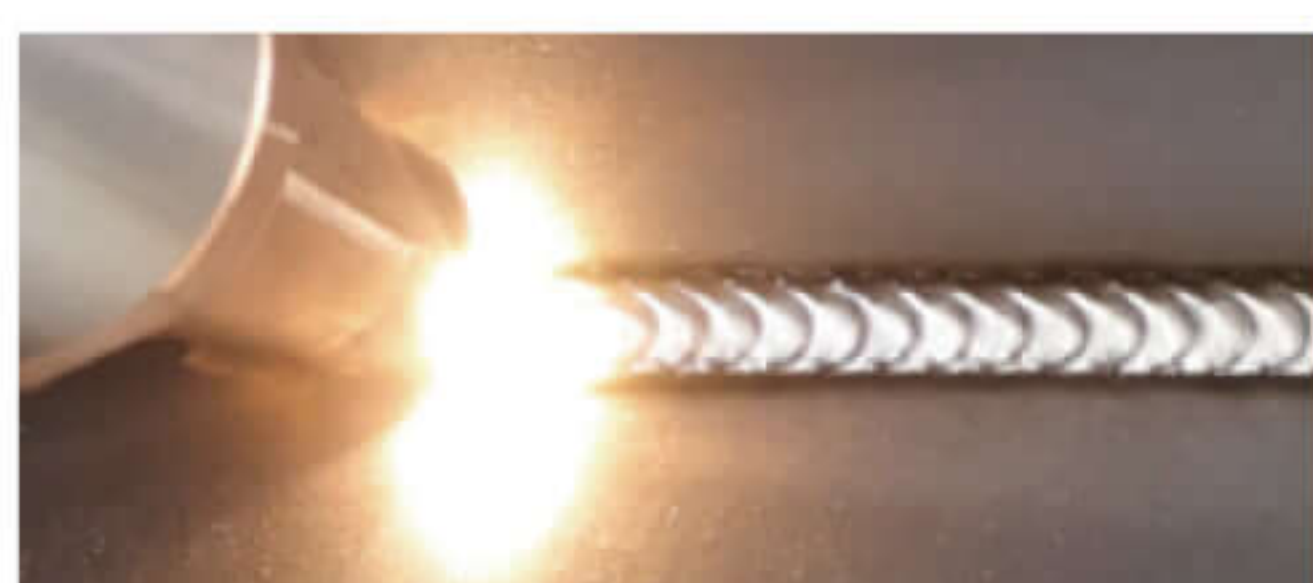
S&A Laser Welding Machine



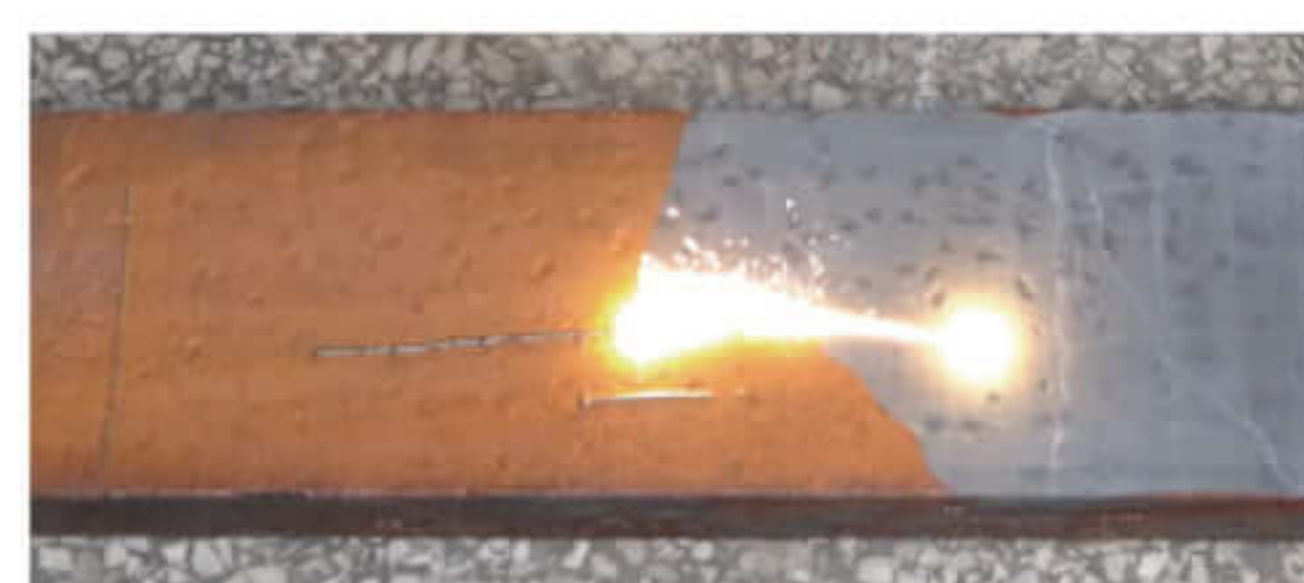
ZB-TY1000 / 1500 / 2000



ZB-TY1000 / 1500 / 2000



焊接 | Welding



清洗 | Cleaning



切割 | Cutting



清洗焊缝
Cleaning weld seam



产品介绍 Product introduction

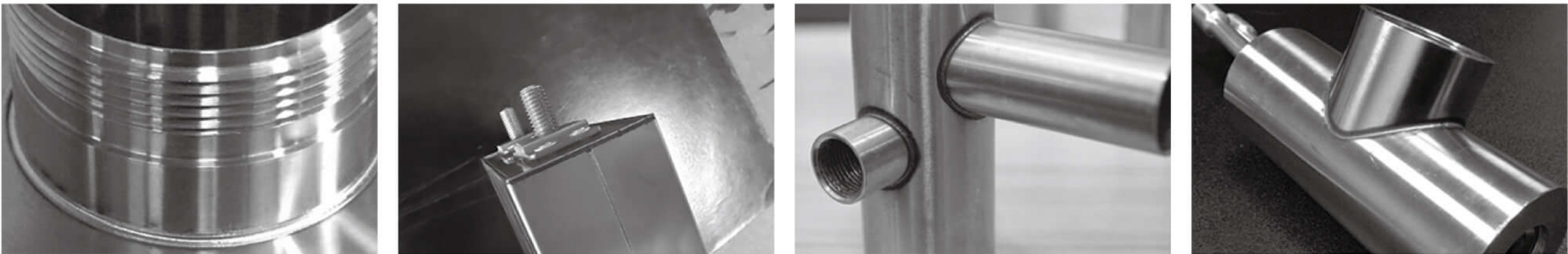
该设备具有四种功能：焊接、切割、远程清洗和清洗焊缝。操作界面简单，操作方便，便于使用。超轻型激光头配备了双保护镜片，解决了传统手持焊接机聚焦镜片的脆弱性问题。它为客户节省了维护成本。该设备还配备了智能温度监测系统，可自动检测镜片温度。如果温度超过设定值，就会触发警报，设备停止工作。

This equipment has 4 functions: welding, cutting, remote cleaning and weld seam cleaning. The operator interface is simple, easy to operate and easy to use. The ultra-lightweight laser head is equipped with dual protective lenses, which solves the vulnerability problem of the focusing lens of traditional handheld welders. It saves maintenance cost for customers. The device is also equipped with an intelligent temperature monitoring system that automatically detects the lens temperature. If the temperature exceeds the set value, an alarm is triggered and the unit stops working.

应用领域 Application area

广泛应用于复杂、不规则工艺焊接的橱柜、厨卫、楼梯电梯、货架、烤箱、不锈钢门窗护栏、配电箱、不锈钢家私等。

It is widely used in complex and irregular welding processes in cabinets, kitchens and bathrooms, stair elevators, shelves, ovens, stainless steel door and window guardrails, distribution boxes, stainless steel home furniture, etc.

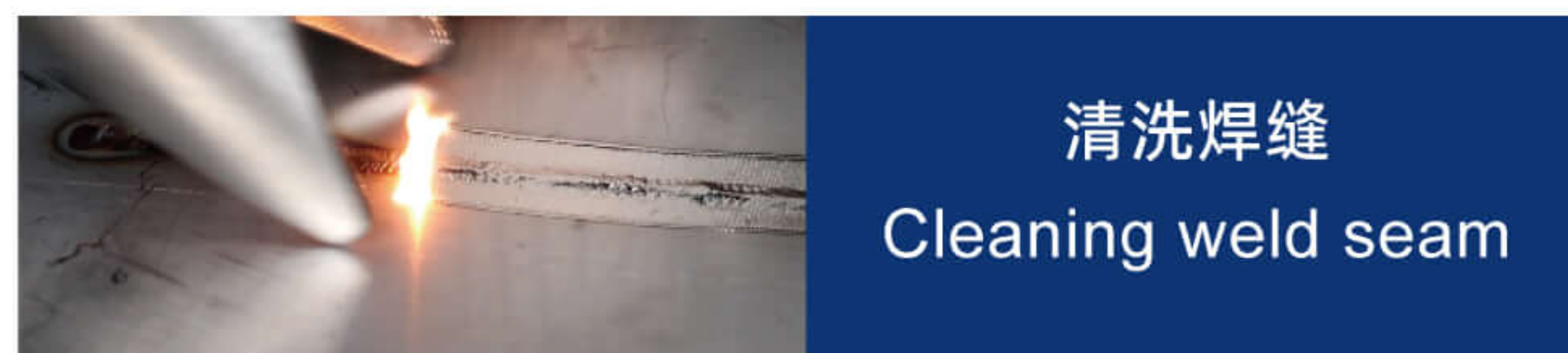
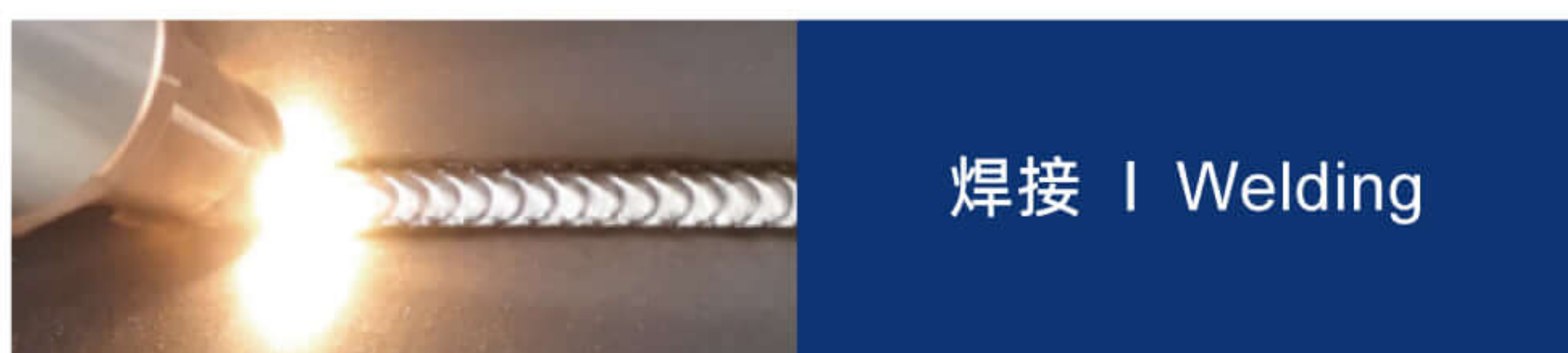


产品参数 Product parameter

型号 Model	ZB-TY1000 / 1500 / 2000	ZB-TY3000 / 6000
激光功率 Laser power	1000 W / 1500 W / 2000 W	3000 W / 6000 W
焊接厚度 Welding thickness	0.1 - 6 mm	0.1 - 12 mm
焊接宽度 Welding width	0 - 5 (双丝 Double wire feed 0 - 8)	
光纤长度 Fiber length	10 / 15 / 20 m (Can be customized) 可定制	
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling	
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz	
产品尺寸 Machine size	113*49.5*71 cm 110*45*93 cm	---

汉立激光焊接机

Hanli Laser Welding Machine



产品介绍 Product introduction

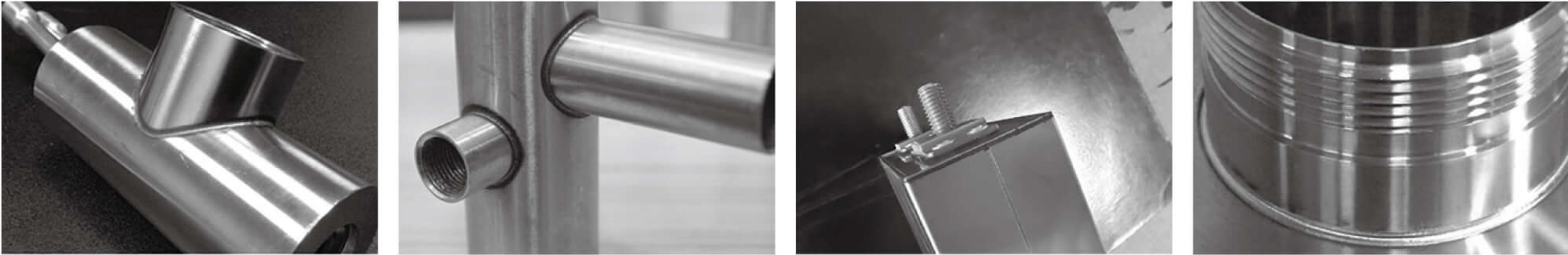
该设备具有四种功能：焊接、切割、远程清洗和清洗焊缝。超轻型激光头配备了双保护镜片，解决了传统手持焊接机聚焦镜片的脆弱性问题。它为客户节省了维护成本。该设备还配备了智能温度监测系统，可自动检测镜片温度。如果温度超过设定值，就会触发警报，设备停止工作。

This device offers 4 functions: welding, cutting, cleaning, and weld seam cleaning. The ultra-light laser head features double protective lenses, addressing the vulnerability of traditional handheld welding machines' focusing lens. it saves customers post-maintenance costs. With an intelligent temperature monitoring system, it automatically detects lens temperature. If it exceeds the set temperature, an alarm is triggered, and the device stops working.

应用领域 Application area

广泛应用于复杂、不规则工艺焊接的橱柜、厨卫、楼梯电梯、货架、烤箱、不锈钢门窗护栏、配电箱、不锈钢家私等。

It is widely used in complex and irregular welding processes in cabinets, kitchens and bathrooms, stair eleva-tors, shelves, ovens, stainless steel door and window guardrails, distribution boxes, stainless steel home furniture, etc.

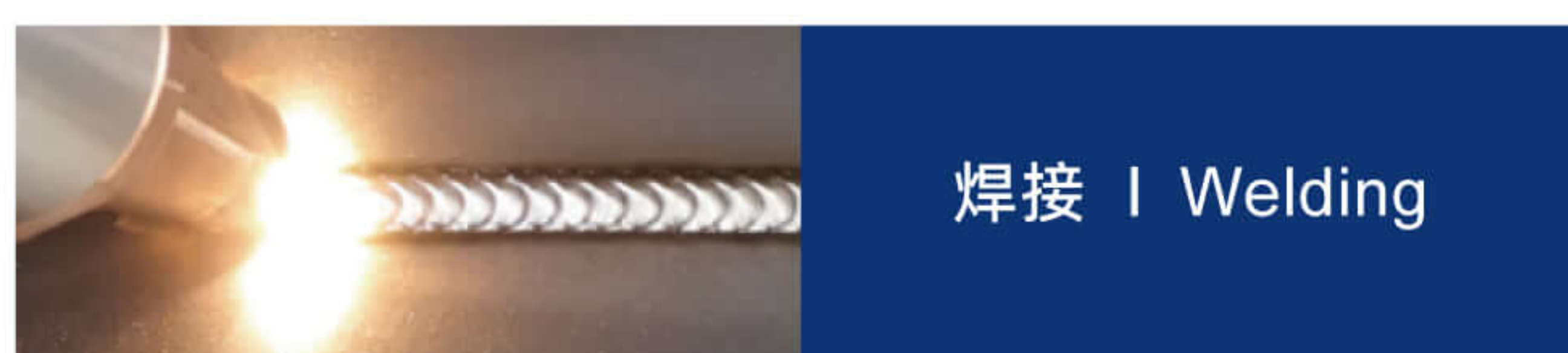


产品参数 Product parameter

型号 Model	ZB-HL1000 / 1500 / 2000	ZB-HL3000 / 6000
激光功率 Laser power	1000 W / 1500 W / 2000 W	3000 W / 6000 W
焊接厚度 Welding thickness	0.1 - 6 mm	0.1 - 12 mm
焊接宽度 Welding width	0 - 5 (双丝 Double wire feed 0 - 8)	
光纤长度 Fiber length	10 / 15 / 20 m (Can be customized) 可定制	
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling	
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz	
产品尺寸 Machine size	98*42*86 cm	115*53*100 cm

风冷激光焊接机

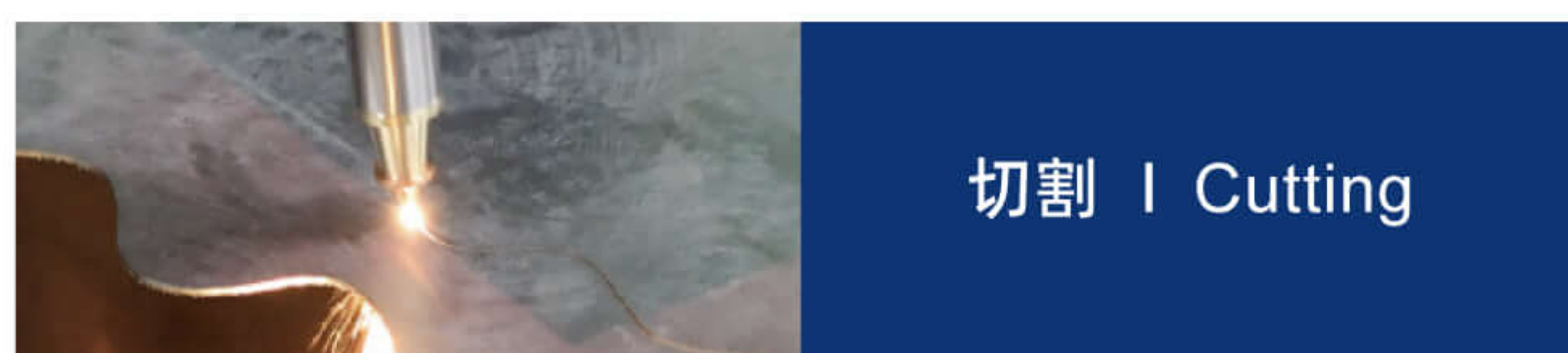
Air Cooled Laser Welding Machine



焊接 | Welding



清洗 | Cleaning



切割 | Cutting



清洗焊缝
Cleaning weld seam



产品介绍 Product introduction

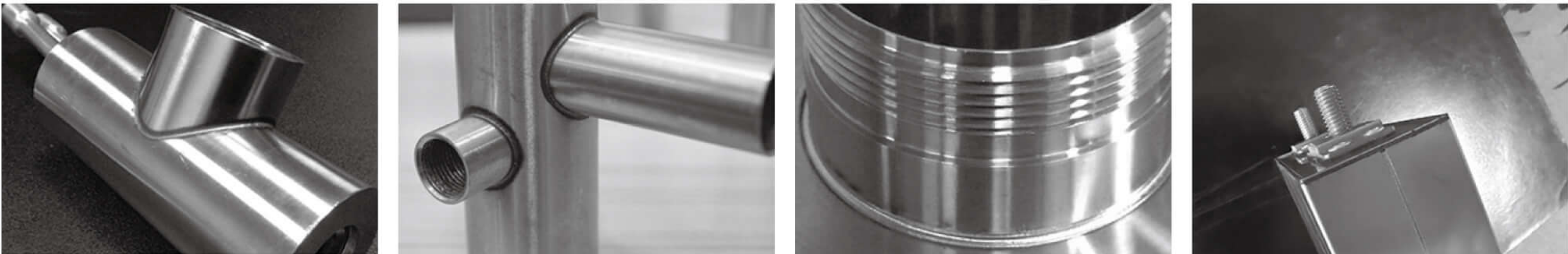
该设备具有四种功能：焊接、切割、远程清洗和清洗焊缝。设备体积小、占用空间小，供电量低，焊机位置不固定携带更加方便。外观颜色可定制。该设备还配备了智能温度监测系统，可自动检测镜片温度。如果温度超过设定值，就会触发警报，设备停止工作。

The equipment has 4 functions: welding, cutting, remote cleaning and cleaning weld seam. The equipment is small in size, occupies little space, low power supply, and it is more convenient to carry the welder in an unfixed position. The appearance color can be customized. The device is also equipped with an intelligent temperature monitoring system, which can automatically detect the temperature of the lens. If the temperature exceeds the set value, an alarm will be triggered and the device will stop working.

应用领域 Application area

广泛应用于复杂、不规则工艺焊接的橱柜、厨卫、楼梯电梯、货架、烤箱、不锈钢门窗护栏、配电箱、不锈钢家私等。

It is widely used in complex and irregular welding processes in cabinets, kitchens and bathrooms, stair elevators, shelves, ovens, stainless steel door and window guardrails, distribution boxes, stainless steel home furniture, etc.



产品参数 Product parameter

型号 Model	
激光功率 Laser power	800 W / 1500 W / 2000 W
焊接厚度 Welding thickness	0.1 - 6 mm
焊接宽度 Welding width	0 - 5 mm
光纤长度 Fiber length	10 / 15 / 20 m (Can be customized) 可定制
冷却方式 Cooling method	风冷 Air cooling
工作电压 Working voltage	220V 1PH ; 50Hz / 60Hz
产品尺寸 Machine size	61*32*54 cm / 64*62*52 cm

平台激光焊接机

Automatic CNC Platform Laser Welding Machine



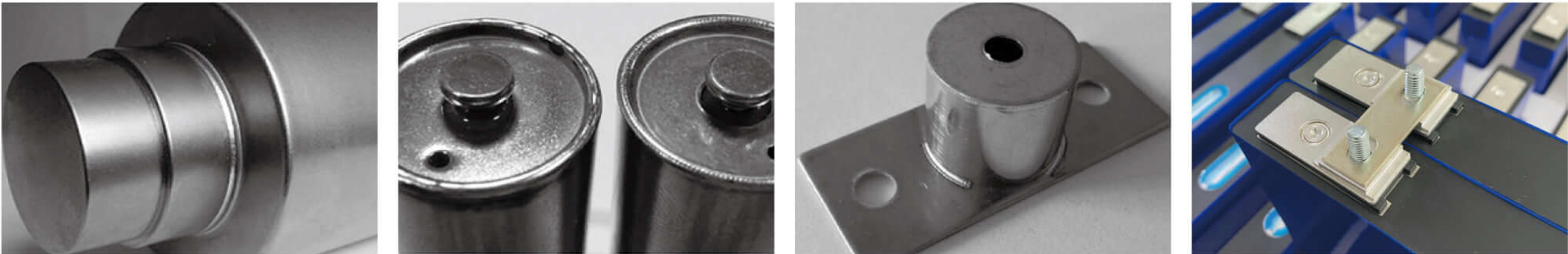
产品介绍 Product introduction

平台激光焊接机由双摆焊接工业头、激光器、水冷器、模块等结构组成。采用MAX连续激光器，双摆焊接工业头，XYZ 3-axis module，可实现批量加工，提高工作效率。

The galvanometer laser welding machine is composed of a galvanometer welding head, a laser, a water cooler, a module and other structures. This galvanometer-type laser welding machine adopts Max continuous laser, high-speed galvanometer, and XYZ 3-axis module, which can realize batch processing and improve work efficiency.

应用领域 Application area

动力电池、传感器、继电器等的焊接。
Welding of power batteries, sensors, relays, etc.



产品参数 Product parameter

型号 Model		
激光功率 Laser power	1000 W / 1500 W / 2000 W / 3000 W	
焊接能力 Welding Ability	0.5 - 8 mm	
工作行程 X Y Z Axis travel	X=700 mm Y=400 mm Z=300 mm	
其他轴 Other axis	U axis=90°, C axis=90°, Rotary axis=360° (Can be customized)	
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling	
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz	
产品尺寸 Machine size	machine: 123*98*168 cm	water tank: 53*47*76 cm

首饰激光焊接机

Jewelry Laser Spot Welder



ZB-SS100



ZB-SS200



ZB-SS300 内置水箱



ZB-SS300 外置水箱

产品介绍 Product introduction

激光束可以分离时间和能量。可同时加工多根梁，显著提高焊接速度。使用户能在短时间内高效、高质量地完成订单处理。实现高速焊接和精密加工。

The laser beam can be separated in time and energy. Multiple beams can be processed at the same time, significantly increasing welding speed. Enables users to process orders efficiently and with high quality in a short period of time. Realizes high-speed welding and precision machining.

应用领域 Application area

专业从事金银首饰焊接，配有打孔、沙眼、点焊专用设备。

Professional welding of gold and silver jewelry, equipped with special equipment for punching, sanding and spot welding.



产品参数 Product parameter

型号 Model	ZB-SS100	ZB-SS200	ZB-SS300
激光功率 Laser power	100 W	200 W	300 W
脉冲宽度 Pulse width	0.1 - 30 ms		
最小熔深 Minimum penetration	0.15 mm		
瞄准方式 Sighting system	显微镜 / 红光 / CCD / Microscope / red light		
冷却方式 Cooling method	风冷 Air cooling		水冷 water cooling
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz		
产品尺寸 Machine size	65 *36 * 56 cm	101*44.5*71 cm	110*46*81 cm

激光清洗机

CW Laser Cleaning Machine



产品介绍 Product introduction

激光清洗机采用非接触式清洗，节能环保，无二次污染。清洗头重量轻，强大的水冷系统，确保设备24小时不间断运行。可实现精确定位，清洗速度快，效率高。焦距位置可根据不同场景进行调整，方便快捷。

The laser cleaning machine adopts non-contact cleaning, which is energy-saving and environmentally friendly, and has no secondary pollution. The washing head is lightweight and the powerful water cooling system ensures that the equipment runs uninterrupted for 24 hours. It can achieve precise positioning, fast cleaning speed and high efficiency. The focal length position can be adjusted according to different scenes, which is convenient and fast.

应用领域 Application area

适用于船舶、锅炉、钢铁表面、焊接前产品表面处理、焊接后焊缝及其周围氧化层的处理、涂层、去除金属上的锈迹、快速去除油漆等。

It is suitable for ship, boiler, steel surface, product surface treatment before welding, treatment of oxide layer in and around the weld after welding, coating, removal of rust on metal, rapid removal of paint, etc.



产品参数 Product parameter

型号 Model	ZB-SC1000 / 1500 / 2000	ZB-SC3000 / 6000
激光功率 Laser power	1000 W / 1500 W / 2000 W	3000 W / 6000 W
清洗宽度 Cleaning width	0 - 500 mm	
扫描速度 Scanning speed	≤ 20000 mm/s	
光纤长度 Fiber length	10 / 15 / 20 / 25 m (Can be customized) 可定制	
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling	
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz	
产品尺寸 Machine size	94*54*108 cm / 93*56*104 cm	100*61*110 cm

特域激光清洗机

S&A CW Laser Cleaning Machine



产品介绍 Product introduction

激光清洗机采用非接触式清洗，节能环保，无二次污染。清洗头重量轻，强大的水冷系统，确保设备24小时不间断运行。可实现精确定位，清洗速度快，效率高。焦距位置可根据不同场景进行调整，方便快捷。

The laser cleaning machine adopts non-contact cleaning, which is energy-saving and environmentally friendly, and has no secondary pollution. The washing head is lightweight and the powerful water cooling system ensures that the equipment runs uninterrupted for 24 hours. It can achieve precise positioning, fast cleaning speed and high efficiency. The focal length position can be adjusted according to different scenes, which is convenient and fast.

应用领域 Application area

适用于船舶、锅炉、钢铁表面、焊接前产品表面处理、焊接后焊缝及其周围氧化层的处理、涂层、去除金属上的锈迹、快速去除油漆等。

It is suitable for ship, boiler, steel surface, product surface treatment before welding, treatment of oxide layer in and around the weld seam after welding, coating, removal of rust on metal, rapid removal of paint, etc.



产品参数 Product parameter

型号 Model	ZB-TY1000 / 1500 / 2000		ZB-TY3000 / 6000
激光功率 Laser power	1000 W / 1500 W / 2000 W		3000 W / 6000 W
清洗宽度 Cleaning width	0 - 500 mm		
扫描速度 Scanning speed	≤ 20000 mm/s		
光纤长度 Fiber length	10 / 15 / 20 m (Can be customized) 可定制		
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling		
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz		
产品尺寸 Machine size	113*49.5*71 cm	110*45*93 cm	---

汉立激光清洗机

Hanli CW Laser Cleaning Machine



产品介绍 Product introduction

激光清洗机采用非接触式清洗，节能环保，无二次污染。清洗头重量轻，强大的水冷系统，确保设备24小时不间断运行。可实现精确定位，清洗速度快，效率高。焦距位置可根据不同场景进行调整，方便快捷。

The laser cleaning machine adopts non-contact cleaning, which is energy-saving and environmentally friendly, and has no secondary pollution. The washing head is lightweight and the powerful water cooling system ensures that the equipment runs uninterrupted for 24 hours. It can achieve precise positioning, fast cleaning speed and high efficiency. The focal length position can be adjusted according to different scenes, which is convenient and fast.

应用领域 Application area

适用于船舶、锅炉、钢铁表面、焊接前产品表面处理、焊接后焊缝及其周围氧化层的处理、涂层、去除金属上的锈迹、快速去除油漆等。

It is suitable for ship, boiler, steel surface, product surface treatment before welding, treatment of oxide layer in and around the weld after welding, coating, removal of rust on metal, rapid removal of paint, etc.



产品参数 Product parameter

型号 Model	ZB-HL1000 / 1500 / 2000	ZB-HL3000 / 6000
激光功率 Laser power	1000 W / 1500 W / 2000 W	3000 W / 6000 W
清洗宽度 Cleaning width	0 - 500 mm	
扫描速度 Scanning speed	≤ 20000 mm/s	
光纤长度 Fiber length	10 / 15 / 20 m (Can be customized) 可定制	
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling	
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz	
产品尺寸 Machine size	98*42*86 cm	115*53*100 cm

脉冲激光清洗机

Pulse Laser Cleaning Machine



产品介绍 Product introduction

手持式精密清洗，可在精确的位置和尺寸上进行选择性清洗。相对于传统机械式，化学清洗的加工粗糙，成本高，环境污染，脉冲激光清洗具有无介质，无二次污染，操作简单，非接触式清洗等优点。对比于连续激光清洗，脉冲清洗可以做到无高温，不损伤工件基材的特点。产品体积小，携带方便，易于操作，并具有稳定的清洗系统。

Hand-held precision cleaning for selective cleaning at precise locations and sizes. Compared with the traditional mechanical, chemical cleaning of rough processing, high cost, environmental pollution, pulsed laser cleaning has no media, no secondary pollution, simple operation, non-contact cleaning and other advantages. Compared with the continuous laser cleaning, pulse cleaning can be done without high temperature, without damaging the characteristics of the workpiece substrate. Small size, easy to carry, easy to operate, and has a stable cleaning system.

应用领域 Application area

适用于汽车制造行业、铁路运输行业、航空航天行业、海洋行业、模具行业、石油化工行业等行业应用。
It is suitable for automobile manufacturing industry, railway transportation industry, aerospace industry, marine industry, mold industry, petrochemical industry and other industry applications.

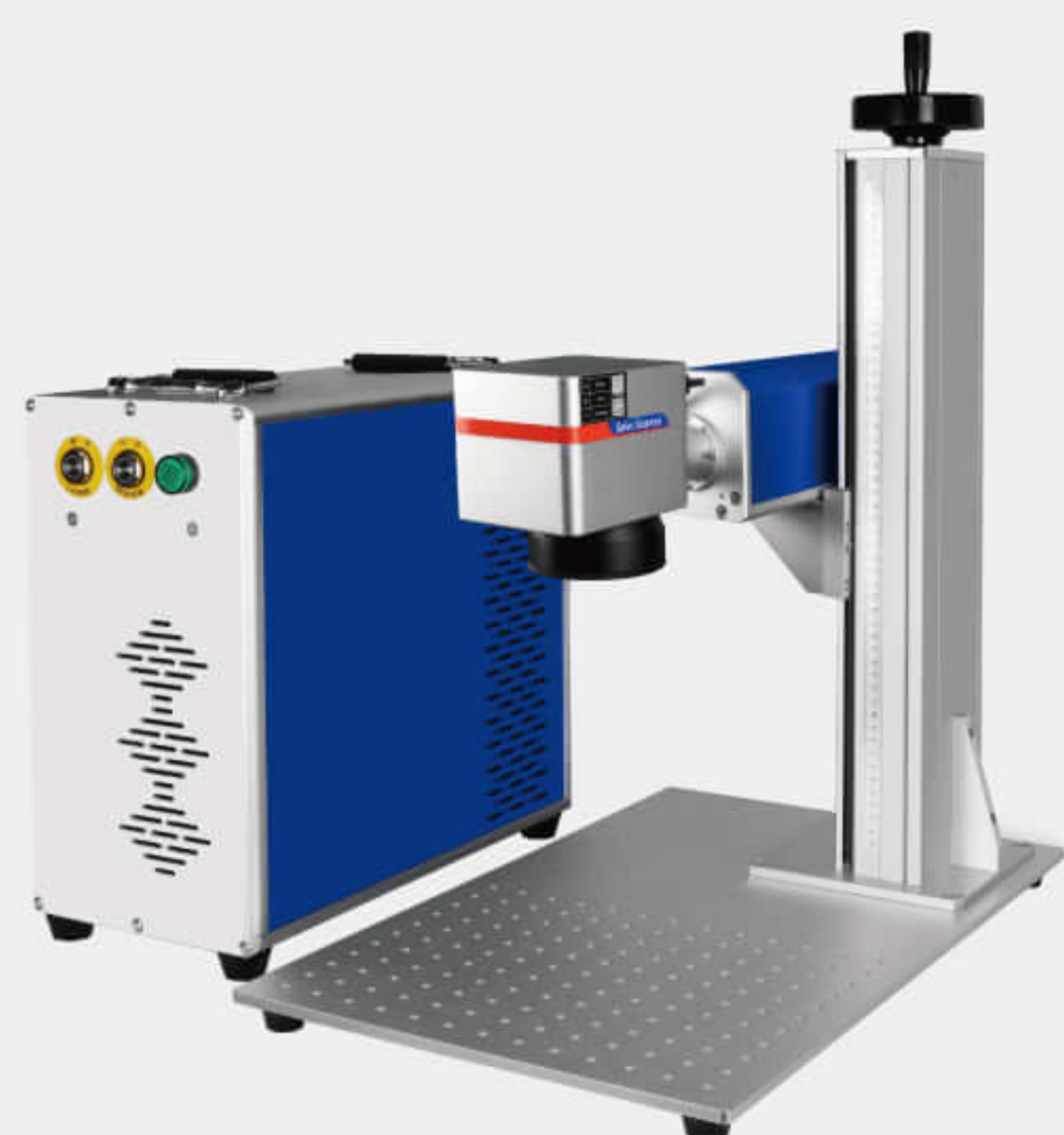


产品参数 Product parameter

型号 Model	ZB-SC100 / 200 / 300		ZB-SC500 / 1000
激光功率 Laser power	100 W / 200 W / 300 W		500 W / 1000 W
清洗宽度 Cleaning width	0 - 160 mm		0 - 200 mm
扫描速度 Scanning speed	≤ 20000 mm/s		
光纤长度 Fiber length	3 / 5 / 10 m (Can be customized) 可定制		
冷却方式 Cooling method	风冷 Air cooling		水冷 water cooling
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz		
产品尺寸 Machine size	---		

光纤激光打标机

Fiber Laser Marking Machine



machine: 60*35*63 cm Power box: 44*21*42 cm

分体 Split



桌面 Desktop



柜式 Cabinet type



29.5*14.5*35 cm

手持 Handheld



29*24*22 cm

手持 Handheld



31*18*24 cm

手持 Handheld

产品介绍 Product introduction

光纤激光打标机打标速度快，效率高。光电转换效率高，大大节省了电能。输出光束质量好，使用寿命长，免维护，无耗材，节省运营成本。

Fiber laser marking machine has fast marking speed and high efficiency. The photoelectric conversion efficiency is high, which greatly saves electric energy. The output beam quality is good, the service life is long, maintenance-free, no consumables, saving operating costs.

应用领域 Application area

适用于，不锈钢、碳钢、氧化铝、铝合金、铝、铜类、铁、金、银、硬质合金等金属材质表面刻印。硬质塑料、PVC材质、带釉层陶瓷、紫砂壶、带漆纸盒、三聚氰胺木板、镜子漆层、石墨烯、芯片去字、易拉罐、奶粉桶等。

Applicable to stainless steel, carbon steel, aluminum oxide, aluminum alloy, aluminum, copper type, iron, gold, silver, cemented carbide and other metal materials surface engraving. Hard plastic, PVC material, ceramics with glaze layer, clay teapot, paper box with paint, melamine boards, mirror paint layer, graphene, chip de-lettering, cans, milk powder buckets and so on.



产品参数 Product parameter

型号 Model	分体 Split	桌面 Desktop	柜式 Cabinet type	手持 Handheld
功率 Laser power	20 W / 30 W / 50 W / 60 W / 80 W / 100 W			20 W
精度 Precision	± 0.008 mm	± 0.003 mm		± 0.5 mm
范围 Marking width	75*75 / 100*100 / 175*175 / 200*200 / 300*300 mm			100*100 / 200*200
冷却 Cooling method	风冷 Air cooling			
电压 Working voltage	110V 1PH --- 220V 1PH ； 50Hz / 60Hz			
尺寸 Machine size	----	60*35*78 cm	80*60*136 cm	----

3D光纤激光打标机

3D Fiber Laser Marking Machine



分体 Split

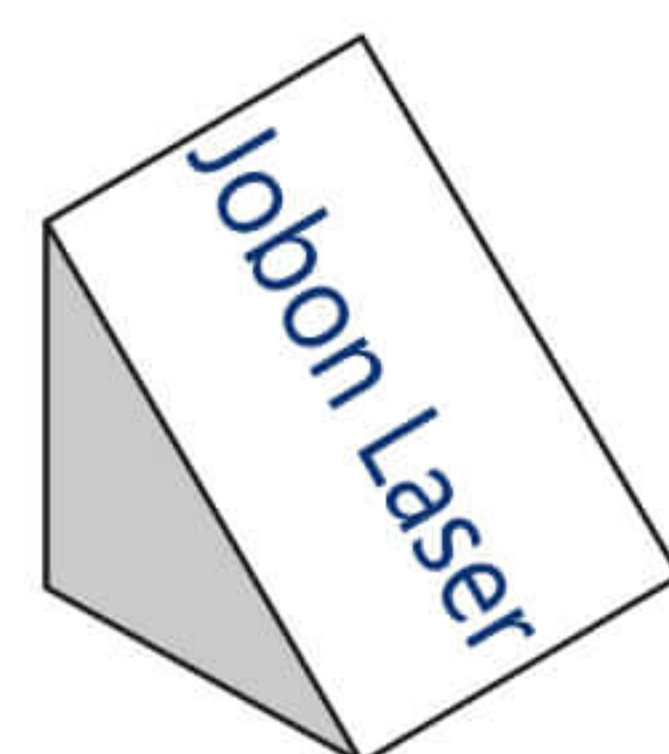


桌面 Desktop

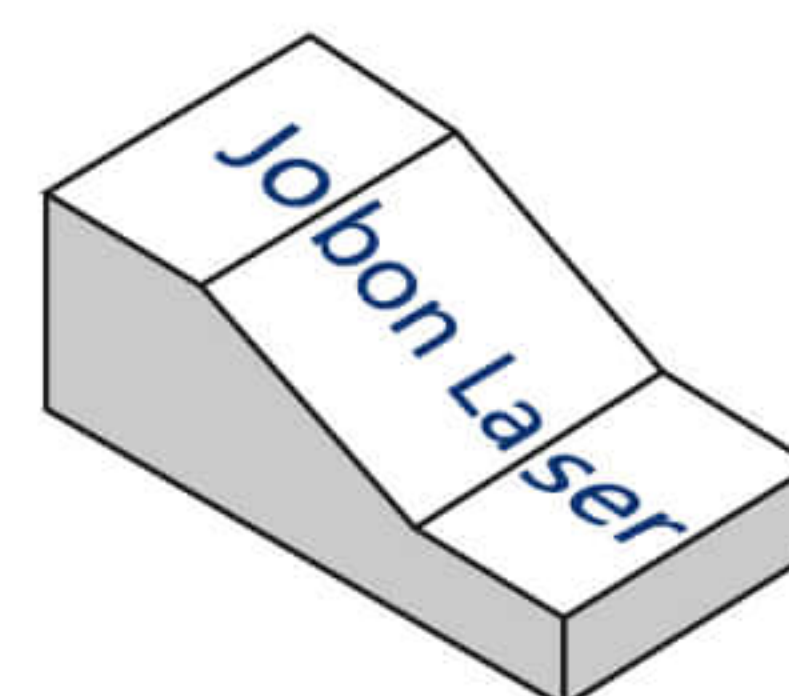


柜式 Cabinet type

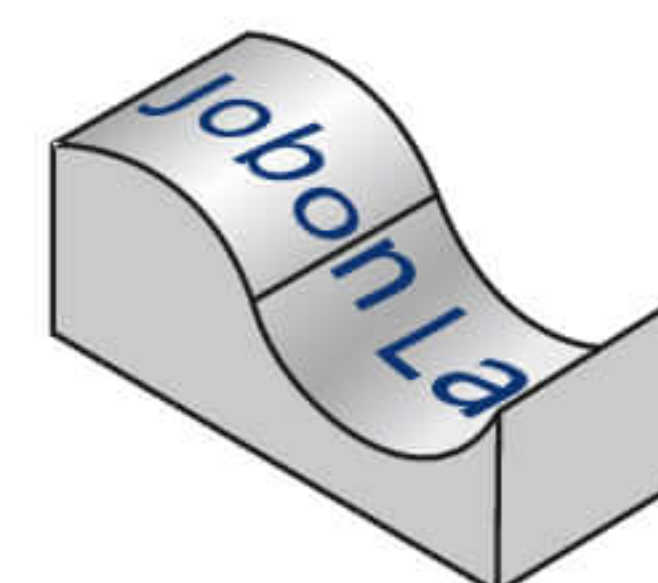
It can be marked on similar products



Bevel



Stepped Surface



Any curved surface



Cylinder (convex)



Cylinder (concava)



Cone (convex)



Cone (concava)



Ball (convex)



Ball (concava)

产品介绍 Product introduction

3D打标可以迅速的改变激光焦距和激光束位置，因此以往2D不能实现的曲面打标成为可能。使用3D后，一定弧度内的圆柱打标可以一次完成，大大提升了加工效率。对于表面不规则和高度差异大的零件，3D打标能轻松实现。

3D marking enables rapid adjustments of the laser focal length and beam position, making it possible to engrave on curved surfaces that were previously unachievable with 2D marking. With 3D technology, cylindrical marking within a certain curvature can be completed at once, significantly improving processing efficiency. For parts with irregular surfaces and large height differences, 3D marking can be easily realized.

应用领域 Application area

适用于三维曲面的各种金属或非金属产品的激光打标，广泛应用于手机制造、立体电路、医疗器械、模具、3C电子、汽车零部件、电子通讯等行业产品的激光三维标记。

Applicable to 3D surface of various metal or non-metallic products laser marking, widely used in phone manufacturing, stereo circuit, medical equipment, molds, 3C electronics, automotive parts, electronic communications and other industries laser 3D marking.



产品参数 Product parameter

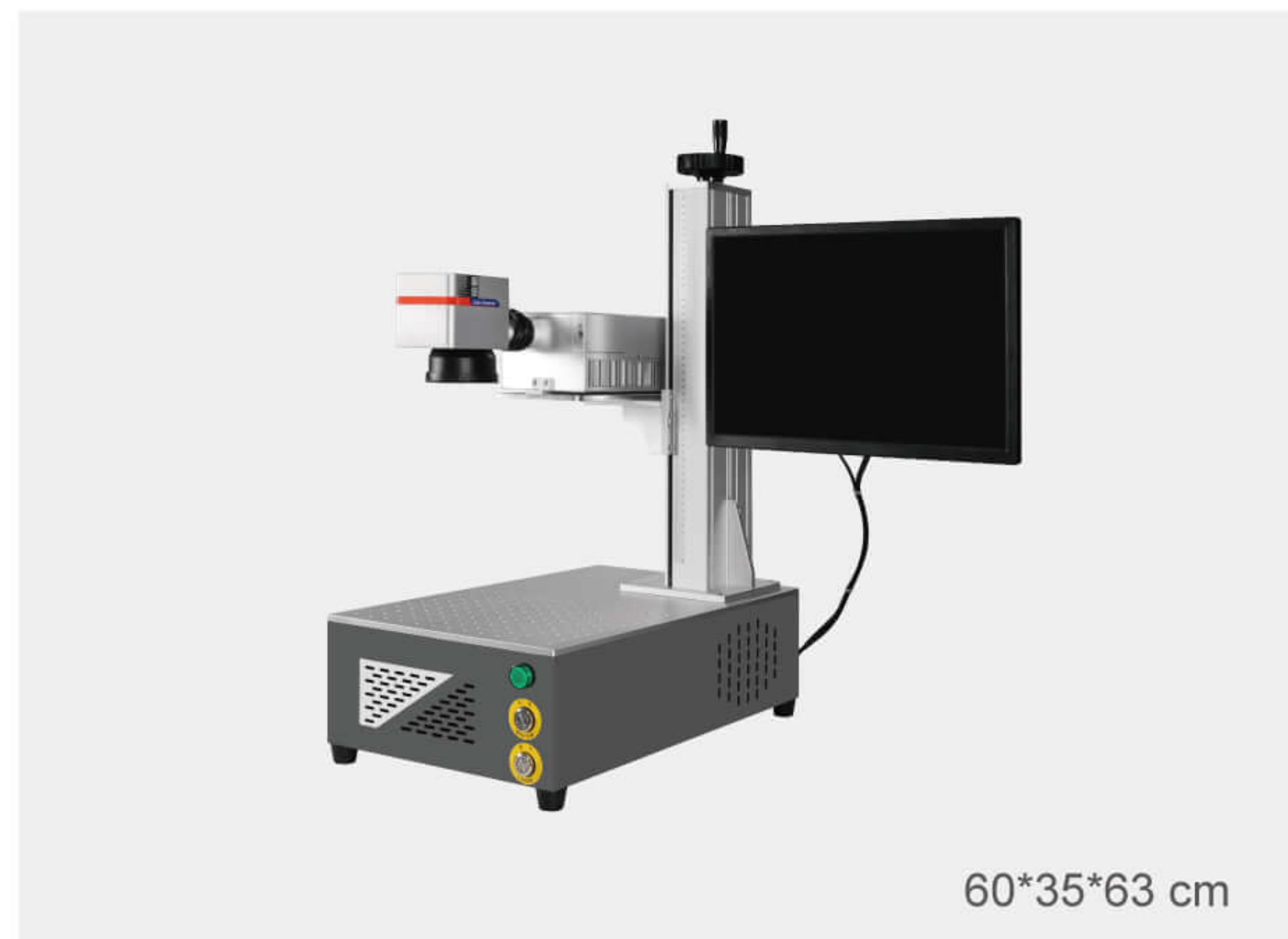
型号 Model	分体 Split	桌面 Desktop	柜式 Cabinet type
功率 Laser power	50 W / 60 W / 80 W / 100 W		
精度 Precision	± 0.003 mm	± 0.003 mm	± 0.003 mm
范围 Marketing width	100*100 mm (Can be customized) 可定制		
冷却 Cooling method	风冷 Air cooling		
电压 Working voltage	110V 1PH --- 220V 1PH ; 50Hz / 60Hz		
尺寸 Machine size	machine: 60*35*63 cm Power box: 44*21*42 cm	60*35*78 cm	80*60*136 cm

紫外激光打标机

UV Laser Marking Machine



分体 Split



桌面 Desktop



桌面 Desktop



柜式 Cabinet type



手持 Handheld

产品介绍 Product introduction

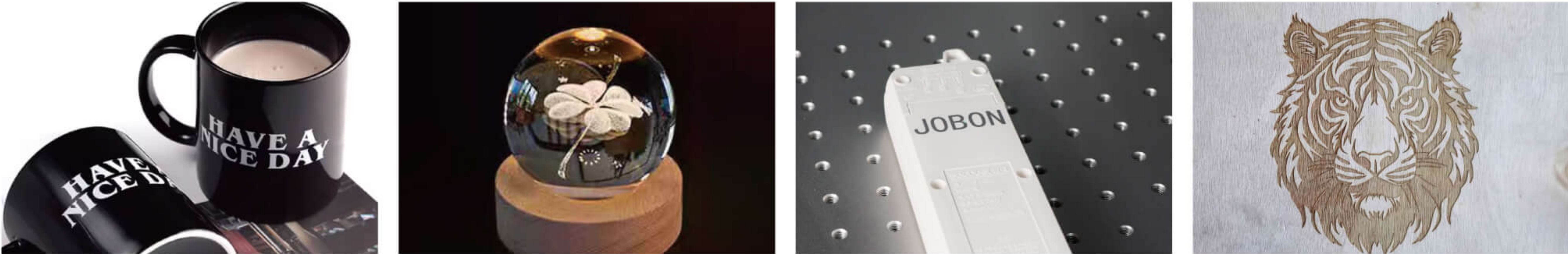
紫外激光打标机采用波长短、能量集中的紫外激光，能够实现高精度、高质量的标记效果，尤其适用于对热敏感材料或精细加工需求的场合。

UV laser marking machines utilize ultraviolet lasers with short wavelengths and high energy concentration, enabling high-precision and high-quality marking results. They are particularly suitable for applications involving heat-sensitive materials or requiring fine processing.

应用领域 Application area

广泛应用于，金属、塑料、木质、皮革、亚克力、纳米、布料、陶瓷、紫砂、镀层薄膜的表面刻印。手机屏、LCD屏、光学器件、汽车玻璃、五金、眼镜钟表、礼品、PVC、精密电子、仪表、PCB板和控制面板、铭牌展板等。适应对高阻燃材料的打标雕刻等表面处理。

Widely applicable for surface engraving on metals, plastics, wood, leather, acrylic, nanomaterials, fabrics, ceramics, purple clay, and coated films. Mobile phone screens, LCD screens, optical devices, automotive glass, hardware, eyewear, watches, gifts, PVC, precision electronics, instruments, PCB boards, control panels, and nameplates. Suitable for marking, engraving, and surface treatment of high flame-retardant materials.



产品参数 Product parameter

型号 Model	分体 Split	桌面 Desktop	柜式 Cabinet type	手持 Handheld
功率 Laser power	3 W / 5 W / 10 W / 15 W			
精度 Precision	± 0.003 mm			
范围 Marking width	100*100 / 200*200 mm			
冷却 Cooling method	风冷或水冷 / Air cooling or water cooling			
电压 Working voltage	110V 1PH --- 220V 1PH ; 50 Hz / 60 Hz			

紫外激光内雕机

UV Laser Internal Engraving Machine



产品介绍 Product introduction

激光内雕技术，又称激光内部雕刻或激光内部标记技术，是一种利用高精度激光在透明材料内部制造精细图案或文字的加工方法。它适合于水晶玻璃，石英玻璃，光学玻璃，普通玻璃，钢化玻璃，亚克力等透明材料。

Laser internal engraving technology, also known as laser internal engraving or laser internal marking technology, is a kind of processing method that utilizes a high-precision laser to create fine patterns or text inside transparent materials. It is a processing method that utilizes a high-precision laser to create fine graphics or text inside transparent materials. It is suitable for crystal glass, quartz glass, optical glass, ordinary glass, stalinite, acrylic and other transparent materials.

应用领域 Application area

激光内雕的应用广泛，涵盖艺术品制作，个性化礼品，纪念品，奖杯等领域。在工业应用中可用于零部件标识，提供永久性的追踪和防伪功能，增强产品的安全性和可塑性。

Laser internal engraving has a wide range of applications covering artwork production, personalized gifts, souvenirs, trophies and more. In industrial applications it can be used for component marking, providing permanent tracking and anti-counterfeiting features, enhancing product safety and malleability.

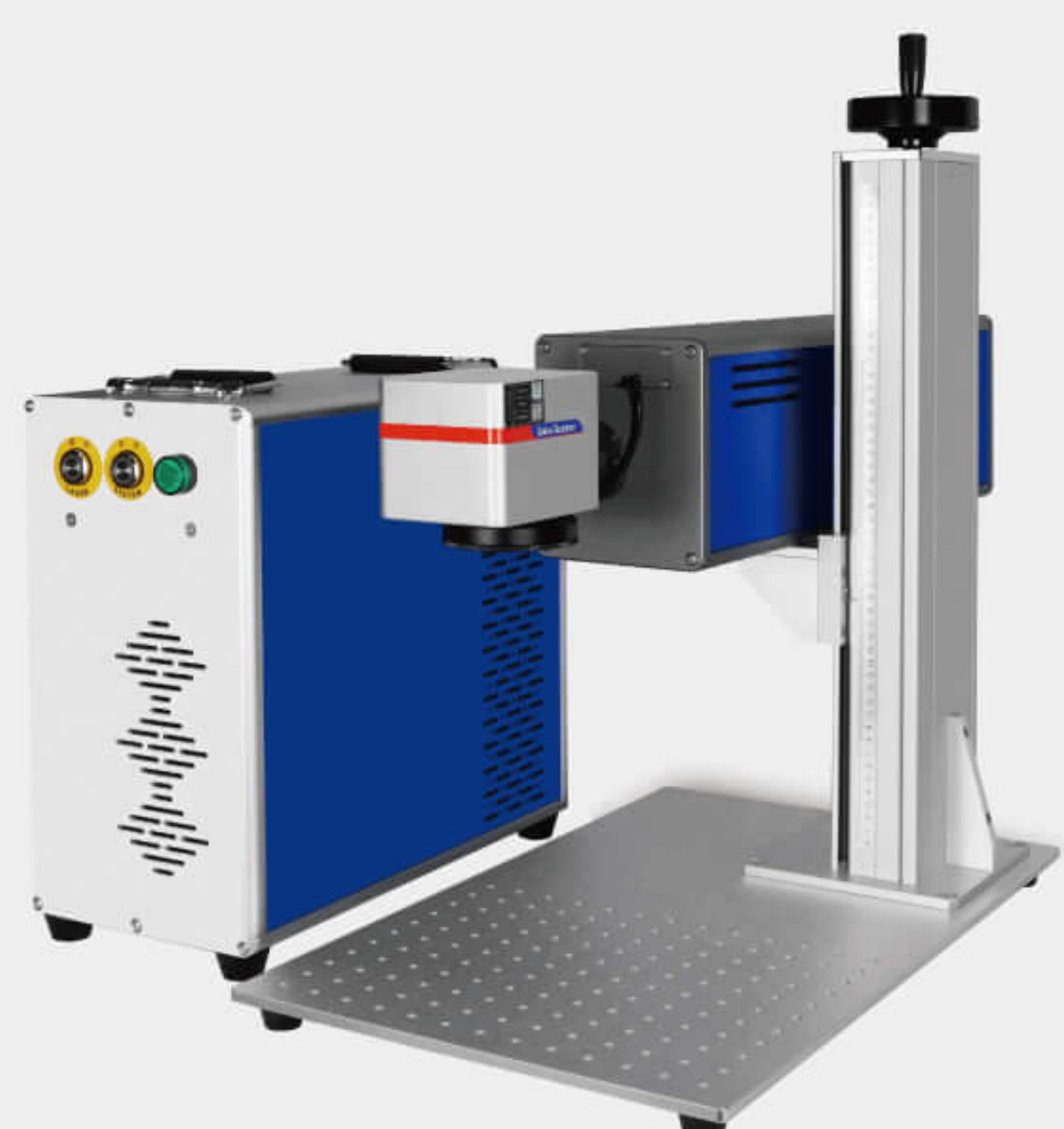


产品参数 Product parameter

型号 Model	分体 Split	桌面 Desktop	柜式 Cabinet type
功率 Laser power	5 W / 10 W / 15 W		
范围 Marketing width	50*50 / 70*70 / 100*100 mm		
精度 Precision	± 0.01 mm		
速度 Speed	≤ 12000 mm/s		
波长 Wave length	355		
冷却 Cooling method	水冷 water cooling		
电压 Working voltage	110V 1PH --- 220V 1PH ; 50 Hz / 60 Hz		

CO2激光打标机

CO2 Laser Marking Machine



machine: 60*35*63 cm Power box: 44*21*42 cm

分体 Split



桌面 Desktop



柜式 Cabinet type

产品介绍 Product introduction

CO2激光打标机是一种基于二氧化碳气体为工作介质的激光设备，通过10.6μm波长的红外激光束对材料表面进行非接触式加工。该技术广泛应用于非金属材料的精密标记、雕刻及切割，具有高效、精准、持久的特点，是工业制造和创意设计领域的理想工具。

CO2 laser marking machine is a kind of laser equipment based on carbon dioxide gas as the working medium, through the infrared laser beam of 10.6μm wavelength for non-contact processing of the material surface. The technology is widely used for precision marking, engraving and cutting of non-metallic materials with high efficiency, precision and durability, making it an ideal tool for industrial manufacturing and creative design fields.

应用领域 Application area

适用于纸张、皮革、布料、有机玻璃、环氧树脂、亚克力、毛料制品、塑胶、陶瓷、水晶、玉石、竹木制品。广泛应用于各类消费用品、食品包装、饮料包装、医药包装、建筑陶瓷、服装辅料、皮革、纺织物切割、工艺礼品、橡胶制品、外壳铭牌、牛仔布、家具等行业。

It is suitable for paper, leather, fabric, organic glass, epoxy resin, acrylic, wool products, plastic, ceramics, crystal, jade, bamboo and wood products. It is widely used in all kinds of consumer goods, food packaging, beverage packaging, pharmaceutical packaging, construction ceramics, clothing accessories, leather, textile cutting, crafts and gifts, rubber products, shell nameplate, denim, furniture and other industries.



产品参数 Product parameter

型号 Model	分体 Split	桌面 Desktop	柜式 Cabinet type
功率 Laser power	40 W / 60 W / 100 W		
精度 Precision	± 0.003 mm		
范围 Marking width	75*75 / 100*100 / 175*175 / 200*200 / 300*300 mm		
冷却 Cooling method	风冷 Air cooling		
电压 Working voltage	110V 1PH --- 220V 1PH ; 50 Hz / 60 Hz		
尺寸 Machine size	---	60*35*78 cm	80*60*136 cm

蓝光打标机

Blue Light Laser Marking Machine



产品介绍 Product introduction

蓝光打标机是一种利用高能量蓝光激光束在各种材料表面进行永久标记的设备。相比传统的红外激光打标机，蓝光打标机在特定材料上具有更高的吸收率和更精细的打标效果，尤其适用于高反光材料和热敏感材料。

Blue light marking machine is a kind of equipment that utilizes high-energy blue light laser beam to permanently mark the surface of various materials. Compared with the traditional infrared laser marking machine, the blue light marking machine has a higher absorption rate and finer marking effect on specific materials, especially suitable for highly reflective materials and heat-sensitive materials.

应用领域 Application area

蓝光打标机凭借其高精度、高吸收率和广泛适用性，在电子、珠宝、医疗、汽车、塑料、精密机械、航空航天、食品和药品包装等多个行业中得到了广泛应用。无论是精细打标还是高反光材料打标，蓝光打标机都能提供高效、精准的解决方案，满足多样化的生产需求。

With its high precision, high absorption rate and wide applicability, blue light marking machine has been widely used in many industries such as electronics, jewelry, medical, automotive, plastics, precision machinery, aerospace, food and pharmaceutical packaging. Whether for fine marking or marking highly reflective materials, blue light marking machine can provide efficient and accurate solutions to meet diversified production needs.



产品参数 Product parameter

型号 Model	
功率 Laser power	10 W / 20 W
精度 Precision	± 0.003 mm
范围 Marking width	70*70 mm
冷却 Cooling method	风冷 Air cooling
电压 Working voltage	110V 1PH --- 220V 1PH ; 50Hz / 60Hz
尺寸 Machine size	40*34*48 cm

飞行激光打标机

Flying Laser Marking Machine



光纤 Optical fiber



紫外 Ultraviolet



CO2

产品介绍 Product introduction

飞行激光打标机（在线式激光打标机）是一种专为流水线高速生产设计的动态激光标记设备，可在产品连续运动过程中实现精准、无接触打标。其通过同步追踪技术，结合高响应振镜系统，无需停线即可完成文字、图案、二维码等信息的实时标记，飞行激光打标机以“高效、智能、稳定”为核心，为工业4.0时代的大规模生产提供全自动标识解决方案。

Flying laser marking machine (in-line laser marking machine) is a dynamic laser marking equipment designed for high-speed production in assembly line, which can realize accurate and contactless marking during continuous movement of products. Through the synchronized tracking technology, combined with the high response galvanometer system, it can complete the real-time marking of text, pattern, 2D code and other information without stopping the line. With the core of “high efficiency, intelligence, and stability”, Flying Laser Marking Machine provides a fully automated marking solution for the mass production in the era of Industry 4.0.

应用领域 Application area

广泛应用于食品饮料、电子元件、医药包装等大批量生产场景，显著提升产线效率与自动化水平。

It is widely used in food and beverage, electronic components, pharmaceutical packaging and other high-volume production scenarios, significantly improve the production line efficiency and automation level.



产品参数 Product parameter

型号 Model	光纤 Optical fiber	CO2	紫外 Ultraviolet
功率 Laser power	20/30/50/60/80/100 W	40 W / 60 W / 100 W	3 W / 5 W / 7 W / 10 W
精度 Precision	± 0.003 mm		
范围 Marketing width	75*75 / 100*100 / 175*175 / 200*200 / 300*300 mm		100*100 / 200*200 mm
冷却 Cooling method	风冷 Air cooling		水冷 water cooling
电压 Working voltage	110V 1PH --- 220V 1PH ; 50 Hz / 60 Hz		

视觉激光打标机

Visual Laser Marking Machine



产品介绍 Product introduction

视觉激光打标机凭借其高精度、高效率和智能化特点，成为现代制造业中不可或缺的设备。无论是复杂工件的精确定位，还是大批量生产的高效打标，视觉激光打标机都能提供卓越的解决方案，帮助企业提升生产效率和产品质量。

Visual laser marking machine has become an indispensable equipment in modern manufacturing industry by virtue of its high precision, high efficiency and intelligent features. Whether it is the precise positioning of complex workpieces or the efficient marking of mass production, visual laser marking machine can provide excellent solutions to help enterprises improve production efficiency and product quality.

应用领域 Application area

运用于钻石、玉石首饰、硅晶体圆片、薄片陶瓷、IC晶粒、TFT、液晶屏、等离子屏、按键、柔性PCB板、药品、化妆品、平板显示器生产、电子元件、礼品、通讯器材、太阳能电池材料加工、纺织品、聚合物薄膜、建筑材料、LCD液晶玻璃等材料和产品的打标及表面处理。

It is used in diamond, jade jewelry, silicon crystal wafer, thin ceramic, IC grain, TFT, liquid crystal screen, plasma screen, keys, flexible PCB board, medicine, cosmetics, flat panel display production, electronic components, gifts, communication equipment, solar cell material processing, textiles, polymer film, building materials Marking and surface treatment of LCD glass and other materials and products.

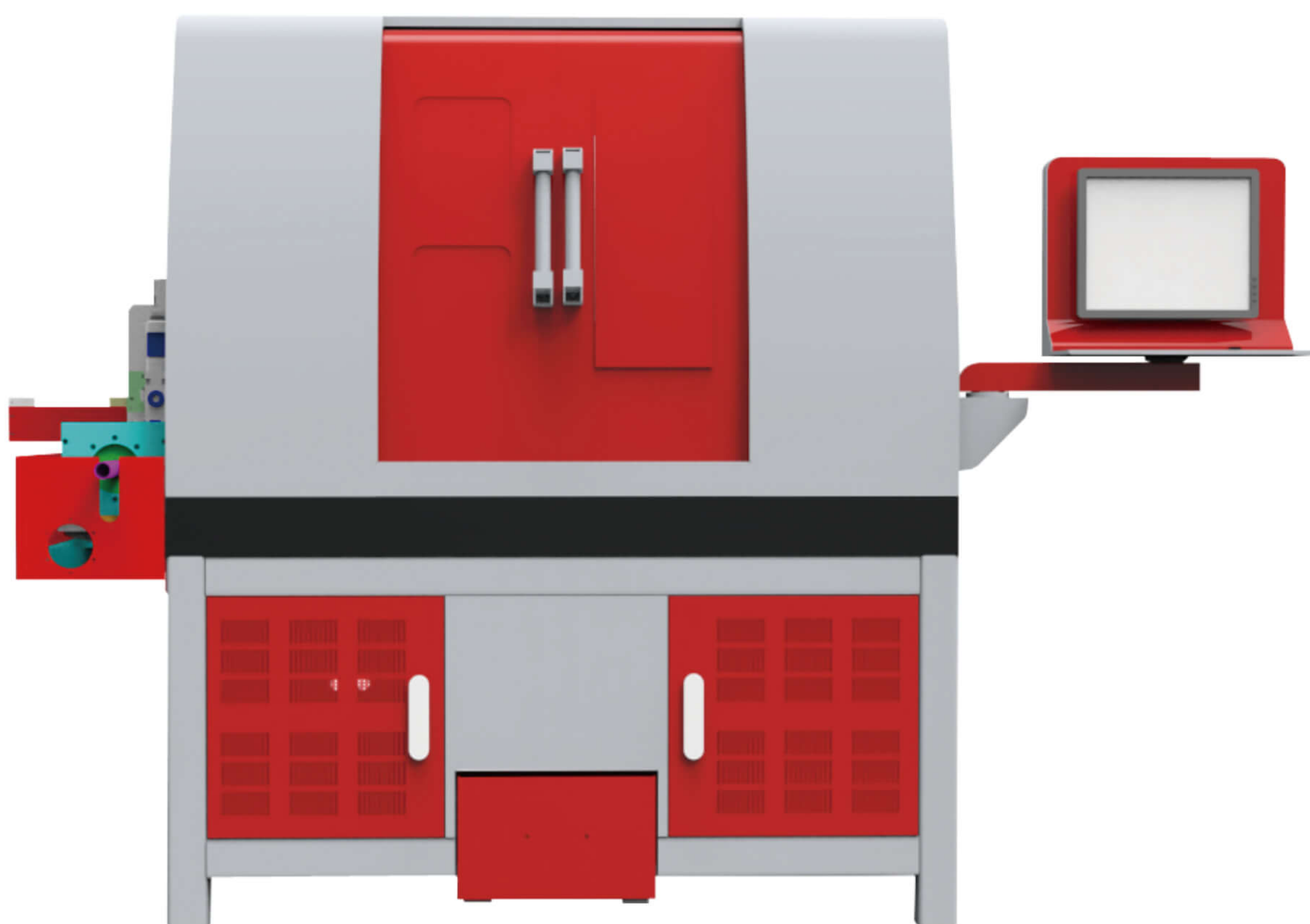


产品参数 Product parameter

型号 Model	光纤 Optical fiber	CO2	紫外 Ultraviolet
功率 Laser power	20/30/50/60/80/100 W	40 W / 60 W / 100 W	3 W / 5 W / 7 W / 10 W
精度 Precision	± 0.003 mm		
范围 Marketing width	75*75 / 100*100 / 175*175 / 200*200 / 300*300 mm		100*100 / 200*200 mm
冷却 Cooling method	风冷 Air cooling		水冷 water cooling
电压 Working voltage	110V 1PH --- 220V 1PH ; 50Hz / 60Hz		

精密激光切割机

Precision Laser Cutting Machine



产品介绍 Product introduction

可应用于K金，925银，铜，铝，不锈钢，合金，镀锌板等金属切割。

It can be applied to K gold, 925 silver, copper, aluminum, stainless steel, alloy, galvanized plate and other metal cutting.

应用领域 Application area

广泛应用于时尚首饰，工艺礼品，广告标牌，钟表眼镜，灯饰，家电厨卫，汽车配件，精密机械,五金制品等，服装服饰，IT数码产品，手机通讯，电子元件，计算机制造业，新材料,工艺礼品等多元化行业。

It is widely used in fashion jewelry, craft gifts, advertising signs, watches, glasses, lighting, household appliances, kitchen and bathroom, auto parts, precision machinery, hardware products, clothing, it digital products, mobile phone communication, electronic components, computer manufacturing, new materials, Diversified industries such as craft gifts.

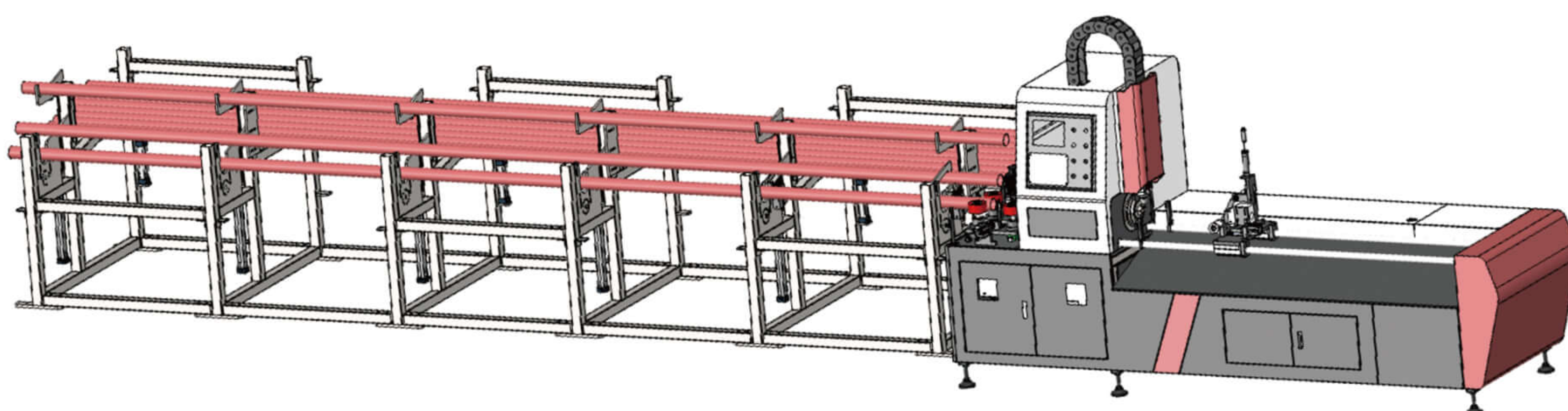


产品参数 Product parameter

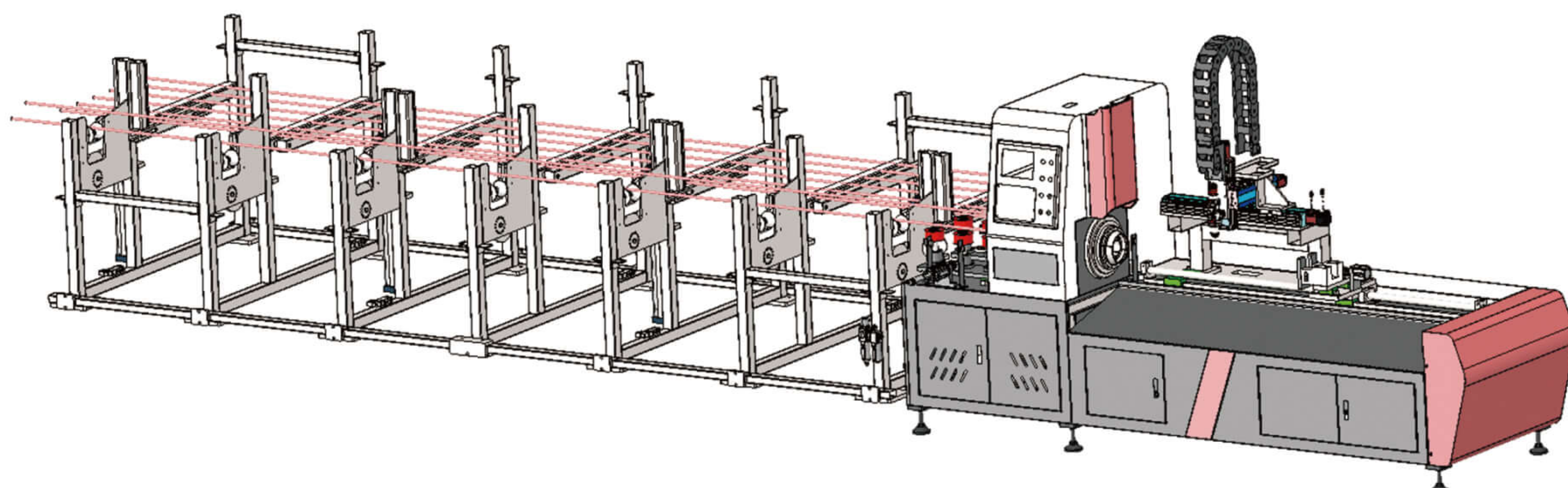
型号 Model	
激光功率 Laser power	1000 W / 1500 W / 2000 W / 6000 W
切口宽度 Notch width	< 0.2 mm
机床精度 Machine bed accuracy	± 0.03 / 100 mm
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz

三维激光切管机

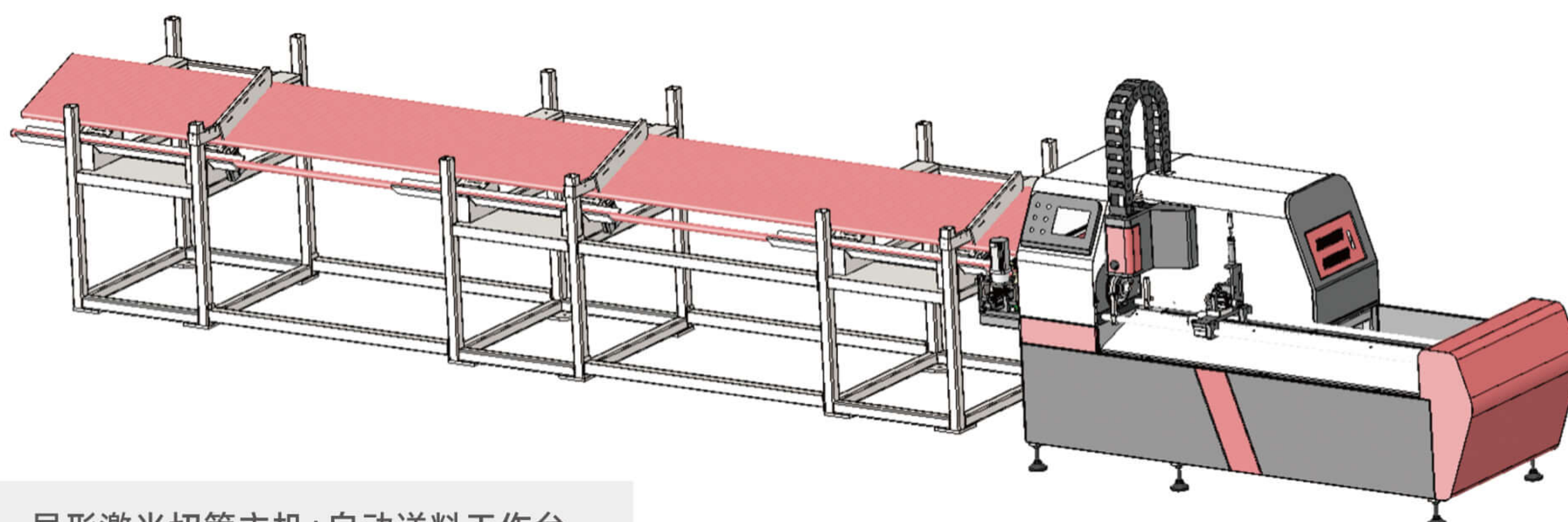
3D Laser Pipe Cutting Machine



G70激光切管主机+自动送料工作台



G40激光切管主机+自动送料工作台



异形激光切管主机+自动送料工作台

产品介绍 Product introduction

激光切割柔性好，无须开模，极大地节省新产品开发时间；切割速度快、精度高；管材激光切割机可实现开孔、断切、相贯线及常规方式难以实现的各种异形复杂图形的精密切割。

Laser cutting has good flexibility without mold opening, which greatly saves the time of new product devel-opment;Fast cutting speed and high precision;The pipe laser cutting machine can realize the preci-sion cutting of opening holes, break cuts, intersecting line and various special-shaped complex graphics which are difficult to be realized by conventional methods.

应用领域 Application area

金属管材广泛应用于健身器材、工程机械、家居制造等行业之中，在不同应用场景下管材形状多样。
Metal pipes are widely used in fitness equipment, engineering machinery, home manufacturing and other industries. The shapes of pipes are diverse in different application scenarios.



产品参数 Product parameter

型号 Model	
激光功率 Laser power	1000 W / 1500 W / 2000 W
切口宽度 Notch width	< 0.2 mm
功率调节 Power regulation	5 - 95%
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz

大幅面激光切割机

Large Format Laser Cutting Machine



产品介绍 Product introduction

板材上切割任意的设计图形；速度快,精度高,一次成型,无需后续处理；一机多用,既能满足客户对平板的切要求,也能满足管圆及异形材料。

Cut any design graphics on the plate;High speed, high precision, one-time forming, no subsequent processing;One machine has multiple functions, which can not only meet the cutting requirements of customers for flat plates, but also meet the requirements of round pipe and special-shaped pipes.

应用领域 Application area

广告标识标牌、工艺礼品、水晶饰品、剪纸工艺、浮雕、印刷制版、服装皮革、玩具、刺绣、装饰装修、相框制作等。

Advertising signs and signs, craft gifts, crystal jewelry, paper cutting technology, relief, printing plate making, clothing leather, toys, embroidery, decoration, photo frame making, etc.



产品参数 Product parameter

型号 Model	
功率 Laser power	1000 W / 1500 W / 2000 W / 3000 W / 6000 W
切口 Cleaning width	< 0.2 mm
精度 Precision	± 0.03 / 100 mm
冷却 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling
电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz

3合1激光清洗打标切割机

3 in 1 Laser Cleaning Marking And Cutting Machine



产品介绍 Product introduction

3合1激光一体机集激光清洗、激光打标和激光切割三大功能于一体，采用高精度脉冲激光技术，适用于金属、塑料、陶瓷、玻璃等多种材料的表面处理。具有高效、环保、无接触、无耗材等特点。

The 3-in-1 laser machine integrates the three functions of laser cleaning, marking and cutting. It adopts high-precision pulsed laser technology and is suitable for the surface treatment of metal, plastic, ceramics, glass and other materials. It is characterized by high efficiency, environmental protection, no contact and no consumables.

应用领域 Application area

广泛应用于工业制造、模具修复、文物清洁、产品标识等领域。

It is widely used in industrial manufacturing, mold restoration, cultural relics cleaning, product marking and other fields.



产品参数 Product parameter

型号 Model		
激光功率 Laser power	100 W	
激光波长 Laser wavelength	1064 nm	
脉冲频率 Scanning speed	1-2000 kHz 可调 (Adjustable)	
光斑直径 Laser spot diameter	0.05-5mm 可调 (Adjustable)	
加工精度 Machining precision	±0.01 mm	
冷却方式 Cooling method	风冷 Air cooling	
工作电压 Working voltage	220V 1PH ; 50Hz / 60Hz	
产品尺寸 Machine size	35*15.2*25 cm	29.7*11*21.6 cm

激光打砂机

Laser Sandblasting Machine



产品介绍
 Product introduction

智能镜激光打砂是一种新型的环保节能深加工工艺（打砂、剥漆、打孔），可一次性将智能镜和烤漆玻璃的保护漆脱掉，并实现磨砂效果，速度快不伤害镜面和玻璃表面，处理后镜子剔透无残留，无论银、铜涂层 皆可实现快速激光打砂。

Smart mirror laser sandblasting is a new type of environmentally friendly and energy-saving deep processing technology (sandblasting, paint stripping, punching), it can remove the protective paint from smart mirrors and lacquered glass in a single pass and achieves a frosted effect. Fast speed does not hurt the mirror and glass surface, the mirror is transparent and no residue after processing, no matter silver and copper coating, it can realize the fast laser sanding.

应用领域
 Application area

大幅面智能镜激光打砂机代替了传统蚀刻工艺，无需贴膜、刻膜、喷砂，激光雕刻速度快且环保无污染，使用成本低无耗材，有图就可以加工，最大范围1.2m*2.4m尺寸，也可定制打砂尺寸。

Large format smart mirror laser sandblasting machine instead of the traditional etching process, no need for film, engraving, sandblasting, laser engraving speed and environmental protection and pollution-free, the use of low cost and no consumables, it can be processed with any drawings, with a maximum range of 1.2m * 2.4m, the sanding size can also be customized.



产品参数
 Product parameter

型号 Model		
产品功率 Machine power	120 W / 200 W	
整机功率 Overall power	≤ 8 KW	
中心波长 Center wavelength	1060 - 1070 nm	
雕刻范围 Working size	1200*2400 mm（ Can be customized ）可定制	
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling	
工作电压 Working voltage	380V 3PH ； 50Hz / 60Hz	
产品尺寸 Machine size	machine: 310*213*180 cm	water tank: 59*57*175 cm

制氮机

Nitrogen Making Machine



ZHN-01 / 02



ZHN-03

产品介绍 Product introduction

制氮机是由空压机来提供气源，冷干机过滤气源中的油水和杂质保证氮气机内的分子筛不失效，然后由氮气机制出合格的氮气提供设备进行使用。

Nitrogen generator is made by air compressor to provide gas source, cold dryer to filter oil and water and impurities in the gas source to ensure that the molecular sieve in the nitrogen generator does not fail, and then the nitrogen generator will produce qualified nitrogen to provide equipment for using.

应用领域 Application area

应用行业广泛，激光行业，电子科技，石油化工.....

A CO2 laser marking machine is a high-tech equipment widely used in industrial production. It employs CO2 laser processing technology and can mark fibre fabrics, crystals, acrylic, ceramics, plastics, and metals with high precision and speed.



产品参数 Product parameter

型号 Model	ZHN-01	ZHN-02	ZHN-03
产品功率 Machine power	15 W	15 W	25 W
氮气流量 Nitrogen flow	1 NM³/h	2 NM³/h	3 NM³/h 可定制
氮气纯度 Nitrogen purity	99.99%		
进气压力 Inlet pressure	0.6 - 0.8 MPA		
氮气压力 Nitrogen pressure	≤ 0.6 MPA		
工作电压 Working voltage	AC 220 V		
产品尺寸 Machine size	500*450*780 cm	500*450*780 cm	700*650*1300 cm

机器人激光焊接机

Robotic Laser Welding Machine



产品介绍 Product introduction

对焊接零件的形状适应性好，完美应对复杂工件需求；可实现自动化控制，焊机核心部件基本免维护，维护成本低；具有自动定位功能，不需要重复修改程序数据；优化的结构设计，整个机身结构紧凑、体积小、重量轻；稳定的焊接质量，自动化焊接，提高生产率。

Good shape adaptability of welded parts and perfect response to the needs of complex workpieces; Auto-matic control can be realized, and the core components of the welding machine are basically maintenance free with low maintenance cost;It has automatic positioning function and does not need to modify program data repeatedly;Optimized structural design, the whole fuselage has compact structure, small volume and light weight; Stable welding quality, automatic welding and improve productivity.

应用领域 Application area

已广泛应用于航空航天设备、船舶制造、仪器仪表、机电产品、五金饰品、数码配件、精密机械、汽车制造等行业。

It has been widely used in aerospace equipment, shipbuilding, instruments and meters, electromechanical products, hardware accessories, digital accessories, precision machinery, automobile manufacturing and other industries.

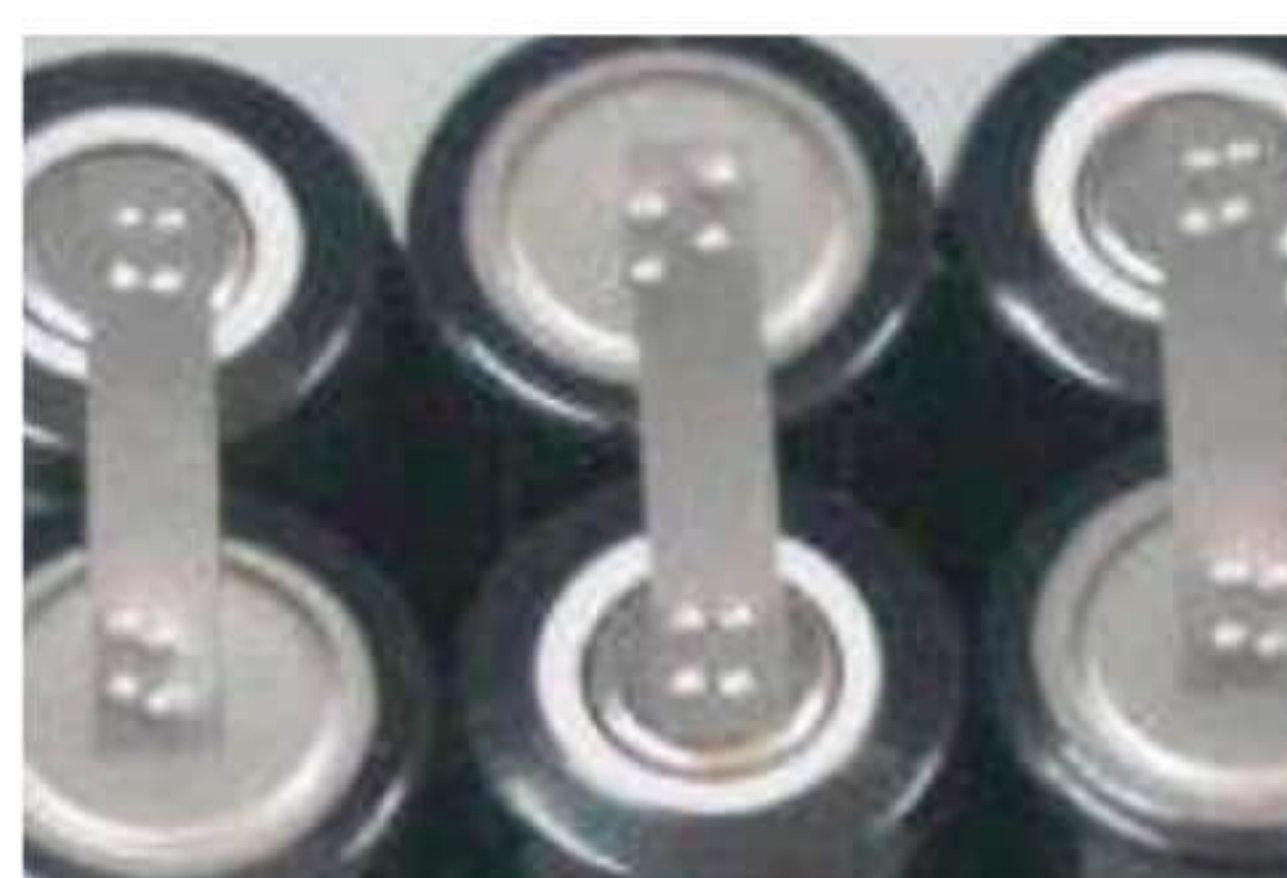
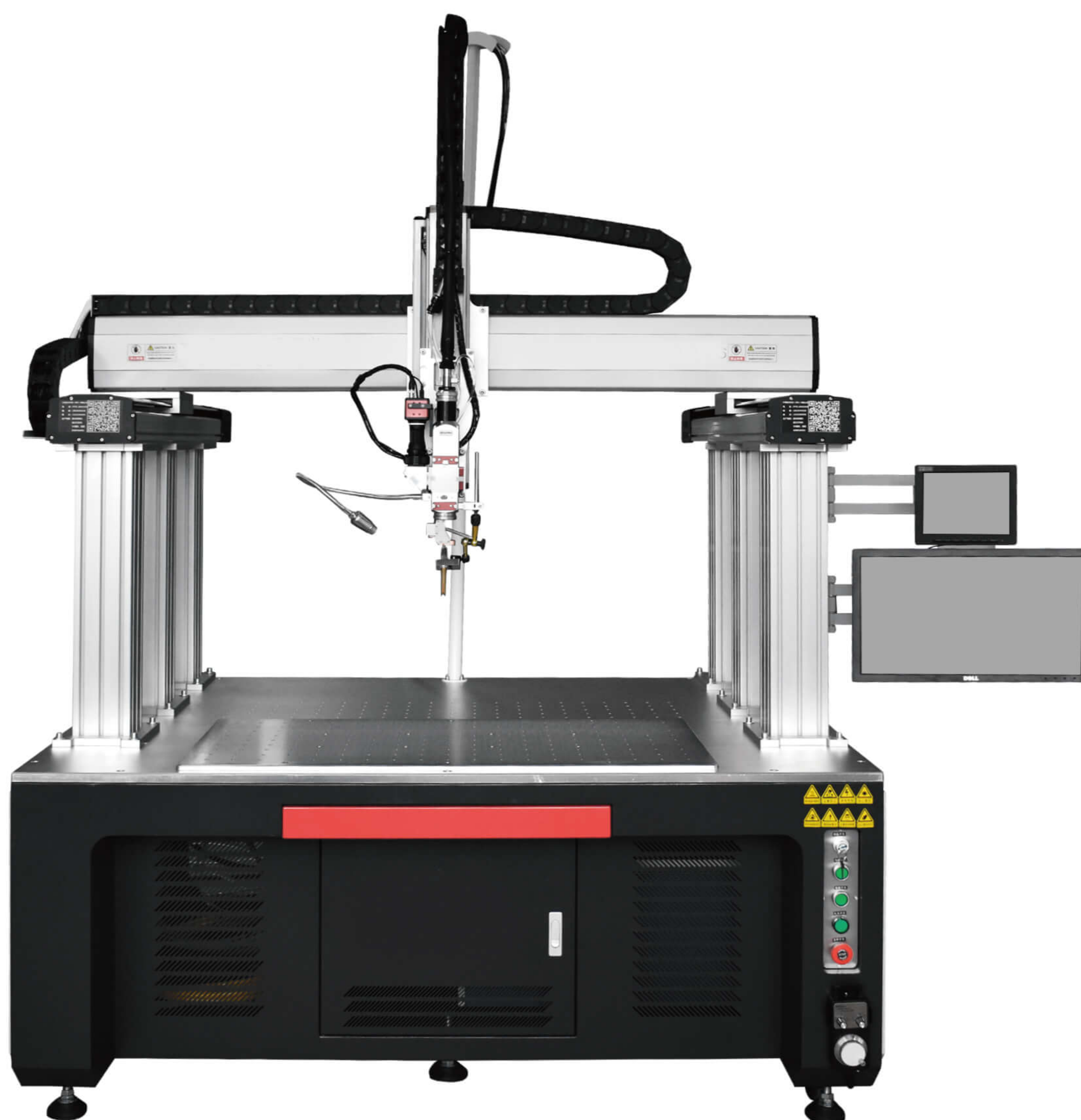


产品参数 Product parameter

型号 Model	
激光功率 Laser power	1000 W / 1500 W / 2000 W / 3000 W / 6000 W
焊接厚度 Welding thickness	0 - 500 mm
焊接宽度 Welding width	0 - 5 (双丝 Double wire feed 0 - 8)
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz

龙门架激光焊接机

Gantry Laser Welding Machine



产品介绍
 Product introduction

焊接速度快、精确度高、质量稳定、定位快捷、操作方便、维护简单；热变形极小，不影响产品内部的电子元件或化学成分性能；专用控制元件，功能强大，操作简单，可兼容多种格式图档；生产效率比传统的激光点焊机生产效率提升4-10倍。

Fast welding speed, high accuracy, stable quality, fast positioning, convenient operation and simple main-tenance;The thermal deformation is very small, which does not affect the performance of electronic com-ponents or chemical components in the product;Special control element, powerful function, simple opera-tion, compatible with various formats and drawings;The production efficiency is 4-10 times higher than that of the traditional laser spot welding machine.

应用领域
 Application area

应用于电子、通讯、医疗机械、钟表、眼镜、IT产品、数码通讯产品、精密零件、五金等行业大批量生产企业的离线/在线焊接，包括可焊精细的微电子元件、集成电路引线等精密零件的焊接，大功率二极管、种类电池，手机屏蔽罩、金属手机外壳、金属电容器外壳、电脑内硬盘、微电机、金属屏蔽网、刮胡刀片及其它类别电子产品。

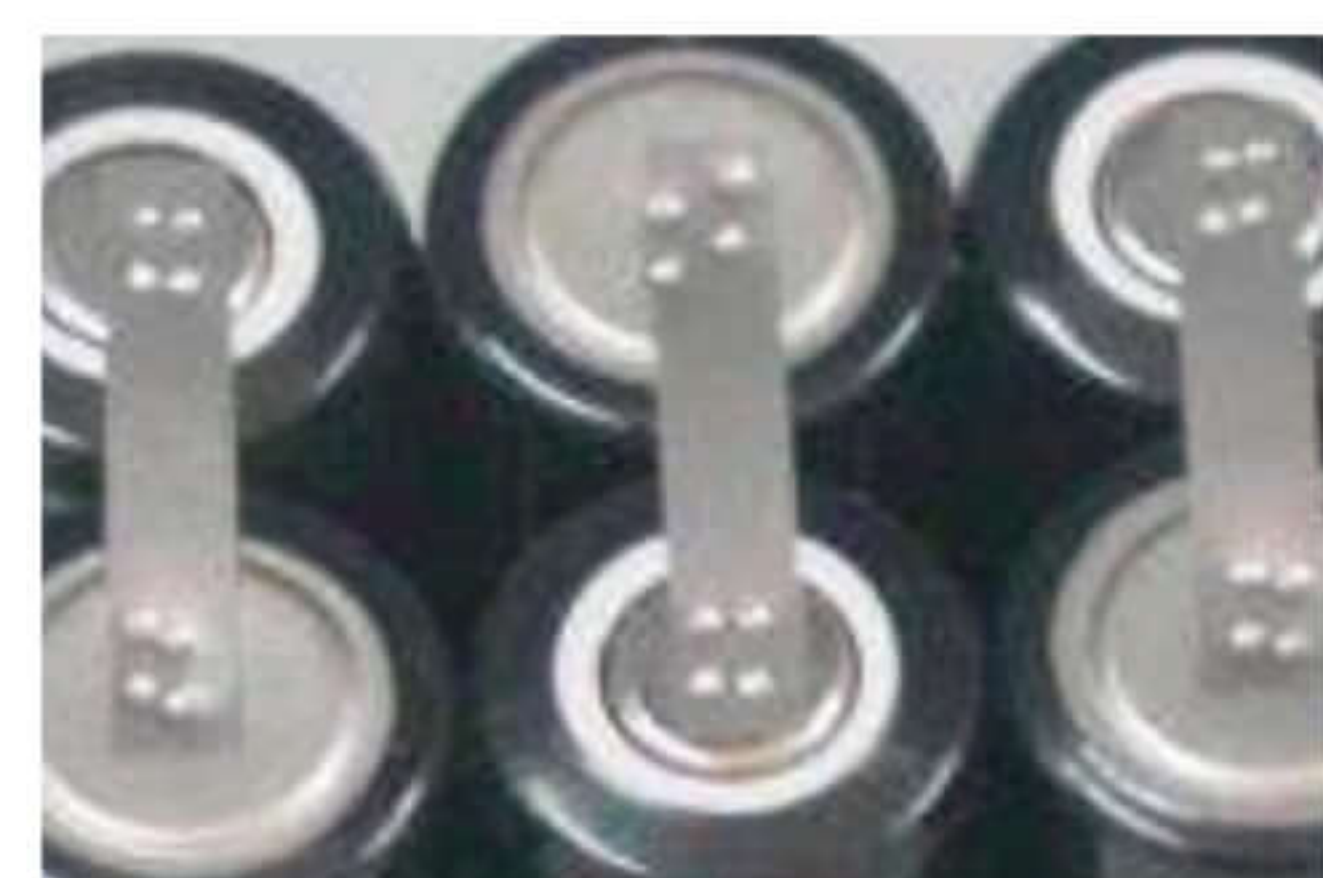
It is used for off-line / on-line welding of mass production enterprises in electronics, communication, medi-cal machinery, clocks, glasses, it products, digital communication products, precision parts, hard-ware and other industries, including welding of precision parts such as fine microelectronic components and integrated circuit leads, high-power diodes, types of batteries, mobile phone shield, metal mobile phone shell, metal capacitor shell Computer hard disk, micro motor, metal shielding net, shaving blade and other electronic products.

产品参数
 Product parameter

型号 Model			
激光功率 Laser power	200 W / 300 W / 400 W		
脉冲宽度 Pulse width	≤ 20 ms		
脉冲频率 Pulse frequency	≤ 50 Hz	≤ 100 Hz	≤ 100 Hz
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling		
工作电压 Working voltage	220V 1PH --- 380V 3PH ； 50Hz / 60Hz		

龙门架振镜激光焊接机

Gantry Galvanometer Laser Welding Machine



产品介绍
 Product introduction

焊接速度快、精确度高、质量稳定、定位快捷、操作方便、维护简单；热变形极小，不影响产品内部的电子元件或化学成分性能；专用控制元件，功能强大，操作简单，可兼容多种格式图档；生产效率比传统的激光点焊机生产效率提升4-10倍。

Fast welding speed, high accuracy, stable quality, fast positioning, convenient operation and simple main-tenance;The thermal deformation is very small, which does not affect the performance of electronic com-ponents or chemical components in the product;Special control element, powerful function, simple opera-tion, compatible with various formats and drawings;The production efficiency is 4-10 times higher than that of the traditional laser spot welding machine.

应用领域
 Application area

应用于电子、通讯、医疗机械、钟表、眼镜、IT产品、数码通讯产品、精密零件、五金等行业大批量生产企业的离线/在线焊接，包括可焊精细的微电子元件、集成电路引线等精密零件的焊接，大功率二极管、种类电池，手机屏蔽罩、金属手机外壳、金属电容器外壳、电脑内硬盘、微电机、金属屏蔽网、刮胡刀片及其它类别电子产品。

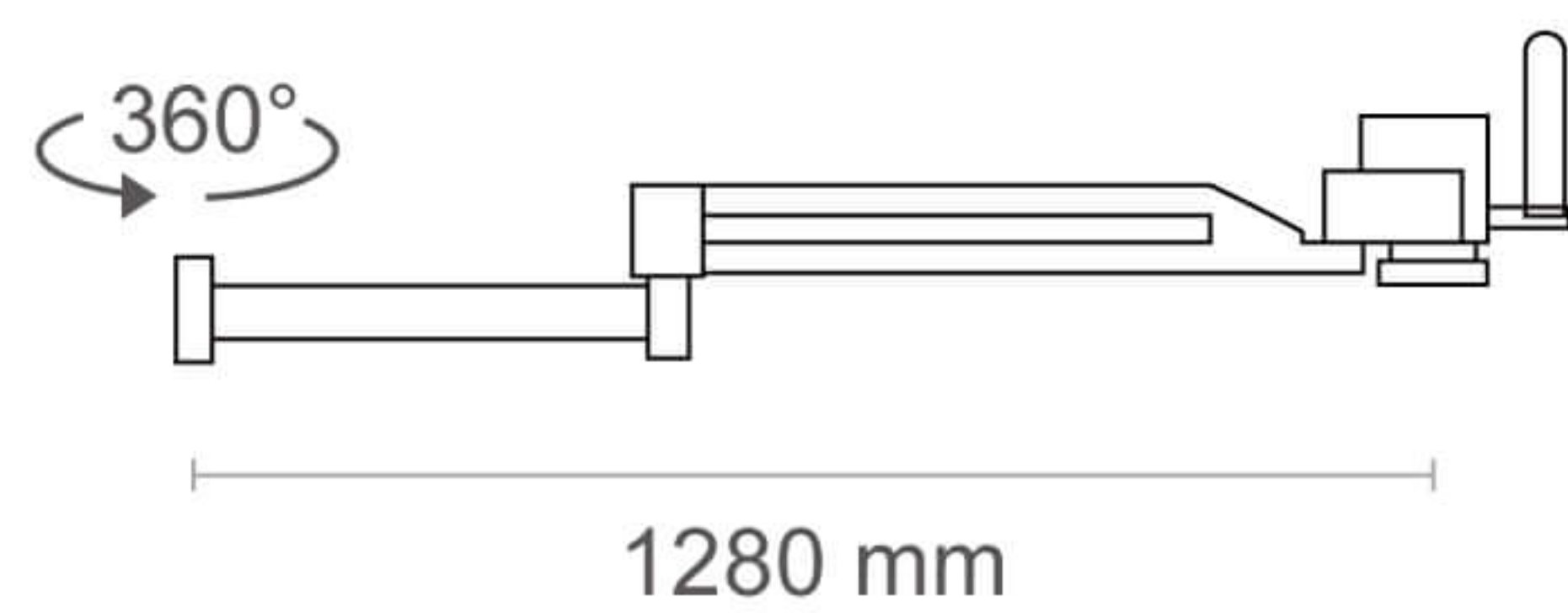
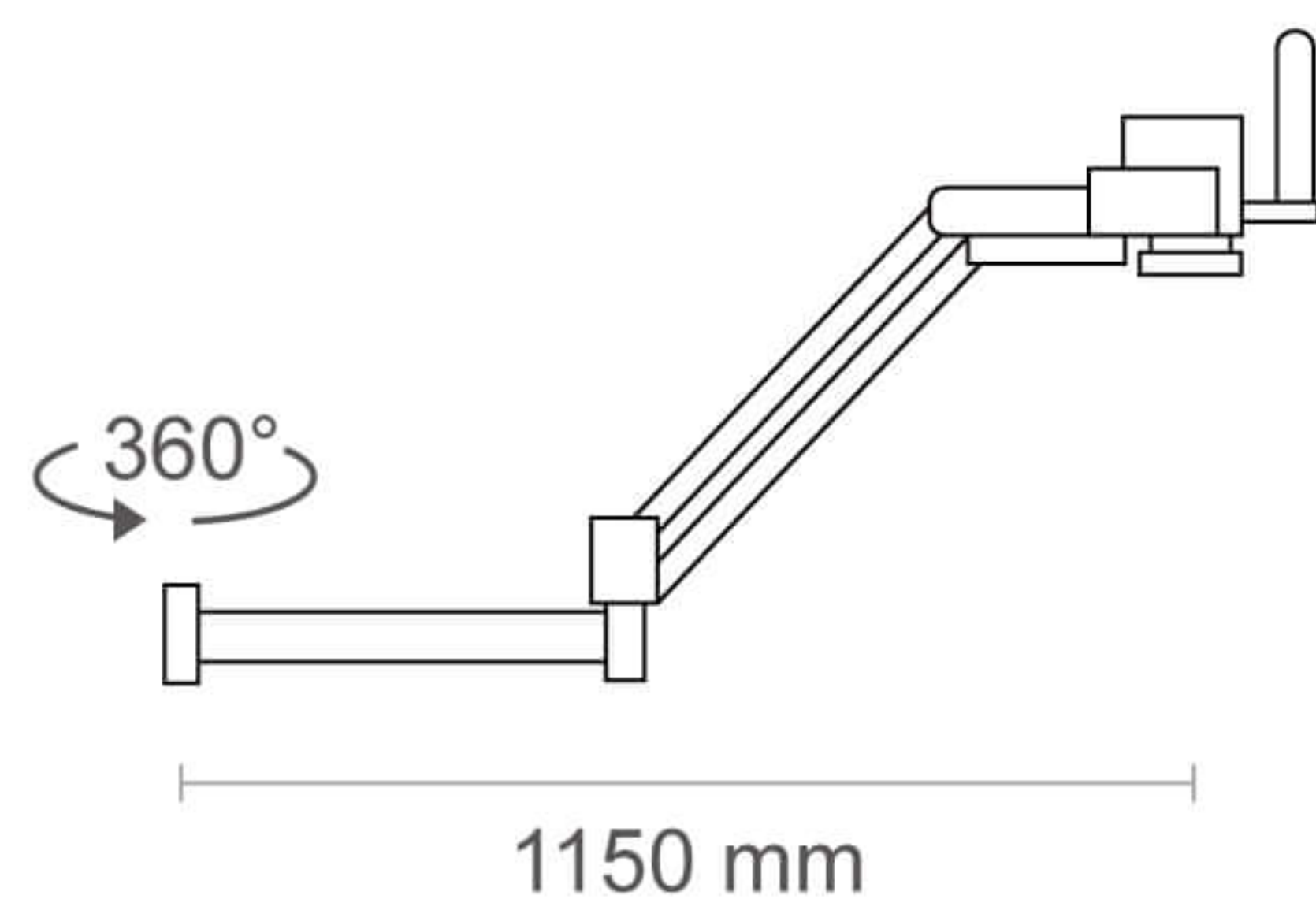
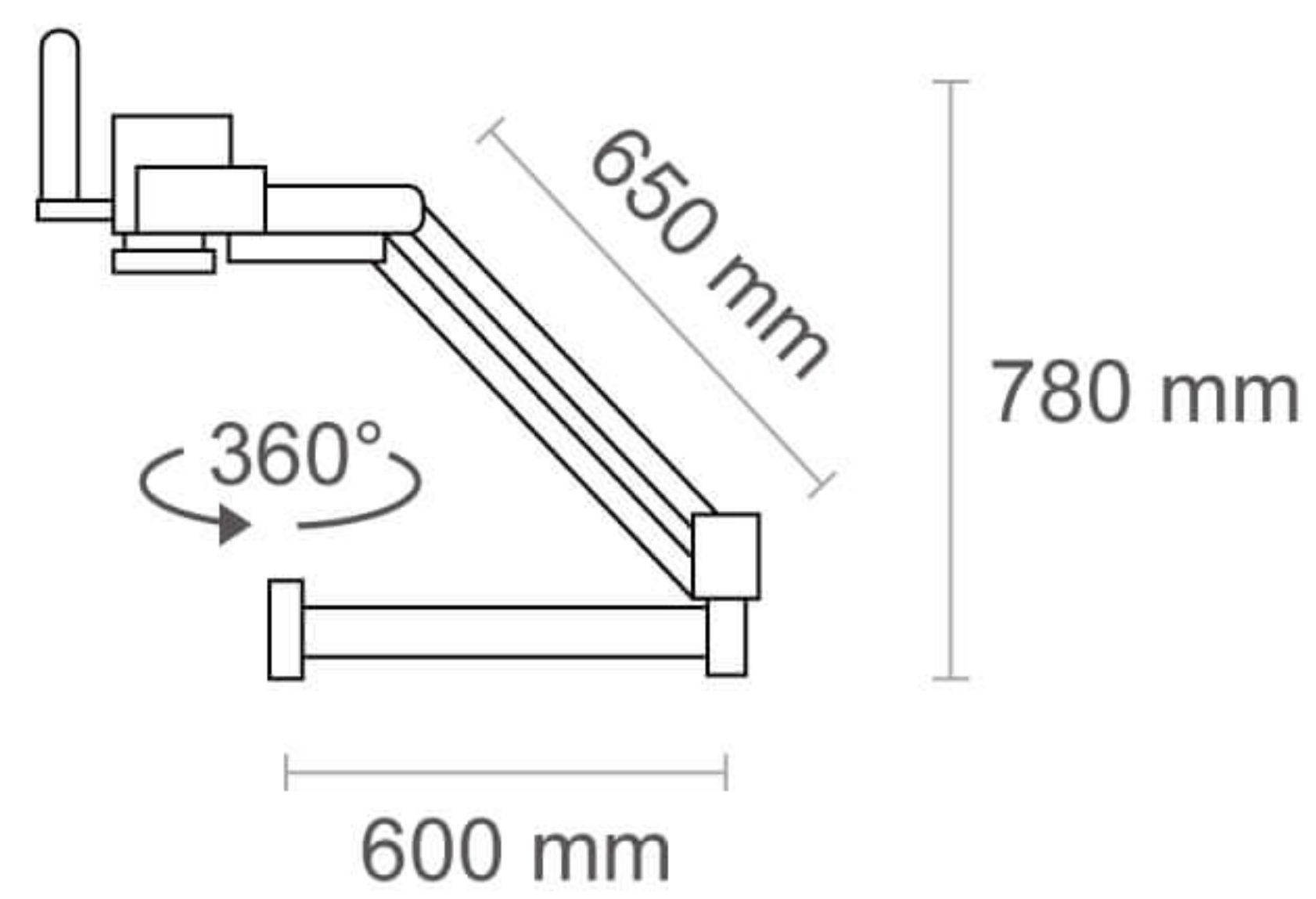
It is used for off-line / on-line welding of mass production enterprises in electronics, communication, medi-cal machinery, clocks, glasses, it products, digital communication products, precision parts, hard-ware and other industries, including welding of precision parts such as fine microelectronic components and integrated circuit leads, high-power diodes, types of batteries, mobile phone shield, metal mobile phone shell, metal capacitor shell, computer hard disk drive, micro motor, metal shielding net, shaving blade and other electronic products.

产品参数
 Product parameter

型号 Model			
激光功率 Laser power	200 W / 300 W / 400 W		
脉冲宽度 Pulse width	≤ 20 ms		
脉冲频率 Pulse frequency	≤ 50 Hz	≤ 100 Hz	≤ 100 Hz
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling		
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz		

振镜激光焊接机

Galvanometer Laser Welding Machine



产品介绍 Product introduction

焊接速度快、精确度高、质量稳定、定位快捷、操作方便、维护简单；热变形极小，不影响产品内部的电子元件或化学成分性能；专用控制元件，功能强大，操作简单，可兼容多种格式图档；生产效率比传统的激光点焊机生产效率提升4-10倍。

Fast welding speed, high accuracy, stable quality, fast positioning, convenient operation and simple main-tenance;The thermal deformation is very small, which does not affect the performance of electronic com-ponents or chemical components in the product;Special control element, powerful function, simple opera-tion, compatible with various formats and drawings;The production efficiency is 4-10 times higher than that of the traditional laser spot welding machine.

应用领域 Application area

应用于电子、通讯、医疗机械、钟表、眼镜、IT产品、数码通讯产品、精密零件、五金等行业大批量生产企业的离线/在线焊接，包括可焊精细的微电子元件、集成电路引线等精密零件的焊接，大功率二极管、种类电池，手机屏蔽罩、金属手机外壳、金属电容器外壳、电脑内硬盘、微电机、金属屏蔽网、刮胡刀片及其它类别电子产品。

It is used for off-line / on-line welding of mass production enterprises in electronics, communication, medi-cal machinery, clocks, glasses, it products, digital communication products, precision parts, hard-ware and other industries, including welding of precision parts such as fine microelectronic components and integrated circuit leads, high-power diodes, types of batteries, mobile phone shield, metal mobile phone shell, metal capacitor shell, computer hard disk drive, micro motor, metal shielding net, shaving blade and other electronic products.

产品参数 Product parameter

型号 Model			
激光功率 Laser power	400 W / 1500 W / 2000 W / 3000 W		
场镜范围 Field lens range	100*100 mm		
脉冲宽度 Pulse width	≤ 20 ms		
点焊速度 Spot welding speed	≤ 8个点/s	≤ 15个点/s	≤ 36个点/s
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling		
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz		

模具脉冲焊接机

Mould Pulse Welding Machine



产品介绍 Product introduction

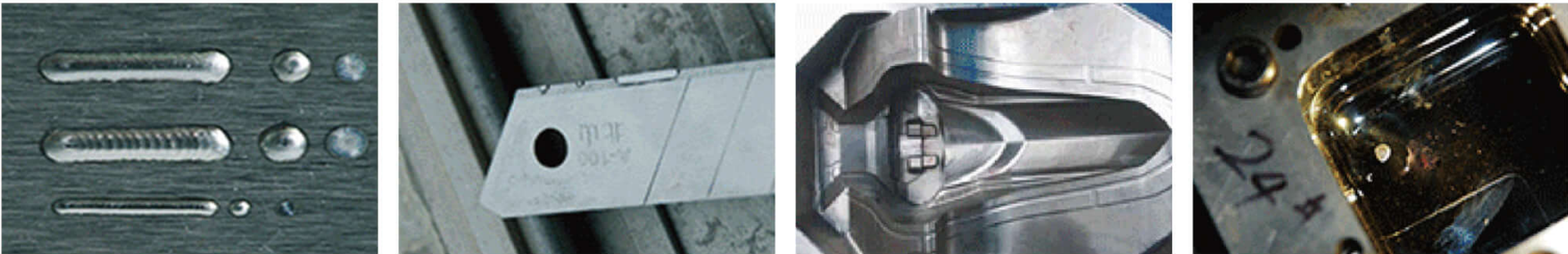
针对模具沙眼、裂痕、崩脚、磨损部位等进行精密修补;热影响区域小，不会导致模具变形;焊接深度大，牢固美观，不留痕迹，无凸起或凹陷现象。

Carry out precision repair for mold sand holes, cracks, broken feet and worn parts; The heat affected area is small and will not cause mold deformation; Large welding depth, firm and beautiful, no trace, no bulge or depression.

应用领域 Application area

适合中小型模具的补焊以及各种产品的精密焊接。普遍应用于手机、数码产品、眼镜、玩具、汽车、摩托车、家用电器等模具制造和成型行业。

It is suitable for repair welding of small and medium-sized molds and precision welding of various products. It is widely used in mold manufacturing and molding industries such as mobile phones, digital products, glasses, toys, automobiles, motorcycles and household appliances,etc.



产品参数 Product parameter

型号 Model			
激光功率 Laser power	150 W / 300 W / 400 W		
最大深度 Maximum depth	0.1 - 1.0 mm	0.1 - 2.0 mm	0.1 - 3.0 mm
脉冲宽度 Pulse width	0.1 - 30 ms		
冷却方式 Cooling method	恒温循环水冷却 Constant temperature circulating water cooling		
工作电压 Working voltage	220V 1PH --- 380V 3PH ; 50Hz / 60Hz		

吊臂式脉冲焊接机

Boom Type Pulse Welding Machine



产品介绍 Product introduction

灵活移动、摆脱地形限制，适合超大型模具补焊；针对模具沙眼、裂痕、崩脚、磨损部位等进行精密修补；焊接深度大，牢固美观，不留痕迹，无凸起或凹陷现象。

Flexible movement, get rid of terrain restrictions, suitable for repair welding of super large molds; Carry out precision repair for mold sand holes, cracks, broken feet and worn parts; Large welding depth, firm and beautiful, no trace, no bulge or depression.

应用领域 Application area

适合中小型模具的补焊以及各种产品的精密焊接。普遍应用于手机、数码产品、眼镜、玩具、汽车、摩托车、家用电器等模具制造和成型行业。

It is suitable for repair welding of small and medium-sized molds and precision welding of various products. It is widely used in mold manufacturing and molding industries such as mobile phones, digital products, glasses, toys, automobiles, motorcycles and household appliances, etc.



产品参数 Product parameter

型号 Model			
激光功率 Laser power	150 W / 300 W / 400 W		
最大深度 Maximum depth	0.1 - 1.0 mm	0.1 - 2.0 mm	0.1 - 3.0 mm
脉冲宽度 Pulse width	0.1 - 30 ms		
冷却方式 Cooling method	风冷或水冷 / Air cooling or water cooling		
工作电压 Working voltage	220V 1PH ; 50Hz		

中邦激光 / JOBON LASER

焊接 / 清洗 / 打标 / 切割 / Welding / Cleaning / Marking / Cutting

📍 中国山东省济南市历下区化纤厂路 / Chemical Fiber Factory Road, Jinan, Shandong, China

🌐 www.jobonlaser.com