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SHENZHEN STARART LASER TECHNOLOGY CO., LTD

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星鸿艺



—— 星鸿艺是您值得信赖的好伙伴

## 星鸿艺激光

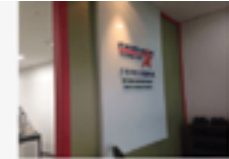
星鸿艺以开放，专业，高效，感恩的经营理念，并契合工业 4.0 时代到来及“中国制造 2025”的深入推进顺势从传统制造工厂向“智能制造”时代的跨越，为实现中国制造走向全球的中国梦而奋斗。我们始终坚持客户是上帝，坚持诚信经营，坚持为客户创造最大价值为目标，在激光技术应用领域，不断创新，优化产品，给客户带来实实在在的好设备。



深圳总公司



天津总公司



韩国分公司



浙江分公司

## 公司介绍 Company Introduction

深圳市星鸿艺激光科技有限公司，专业生产激光焊接机，并与韩国、德国、美国、日本、意大利、俄罗斯等国家的著名激光公司及国内的激光研究所保持着长期的友好合作，促进了星鸿艺激光与国际最新技术保持同步发展。

星鸿艺以开放，专业，高效，感恩的经营理念，并契合工业 4.0 时代到来及“中国制造 2025”的深入推进顺势从传统制造工厂向“智能制造”时代的跨越，为实现中国制造走向全球的中国梦而奋斗。我们始终坚持客户是上帝，坚持诚信经营，坚持为客户创造最大价值为目标，在激光技术应用领域，不断创新，优化产品，给客户带来实实在在的好设备。

Shenzhen Xinghongyi Laser Technology Co., Ltd. specializes in the production of laser welding machines, and maintains long-term friendly cooperation with famous laser companies in Korea, Germany, the United States, Japan, Italy, Russia and other countries and domestic laser research institutes, which promotes the synchronous development of Xinghongyi Laser and the latest international technology.

With the business philosophy of openness, professionalism, efficiency and gratitude, Xinghongyi keeps in line with the arrival of Industry 4.0 Era and the in-depth promotion of Made in China 2025 and realizes the leap from Traditional Manufacturing factories to the era of Intelligent Manufacturing. We have striven to realize the Chinese dream of "Made in China going to the world".

**愿 景**：让中国制造成为中国人的骄傲

Vision: Make Made in China become the Pride of Chinese People

**使 命**：发扬工匠精神，追求产品极致

Mission: Carry forward the spirit of craftsmen and pursue the extraordinary product

**价 值 观**：让携手并进，成就辉煌

Values: Go hand in hand and achieve brilliant achievements



## ▶ 星鸿艺激光值得信赖



畅销国内



销往 20 多个国家



国内设有多个办事处

十余年来星鸿艺一直把客户放在第一位，诚信相依，坦诚相待，才有今天的发展。我们感恩每一位客户，是客户的信任，我们才能把产品做的最好。是客户的支持，我们的产品才能畅销国内与海外。星鸿艺不忘初心，坚持与客户同行，与诚信同行。

### 产品优势

产品是公司重中之重，没有好产品何谈客户，星鸿艺要做就给客户做最好的产品，这是星鸿艺立足根本，公司深知，员工深知，也是公司文化所在。所以在星鸿艺工作的一线员工，尽心尽责，结合公司的质量管理体系，兢兢业业，保证每一款设备到客户手中都是做到最优的。

### 研发优势

星鸿艺有一支国内顶尖的研发团队。他们凝聚慧眼，知客户所需，坚持科技创新。在研发的道路上，公司不惜投入巨资，使得我们的技术在每一轮迭代都能给激光行业造成很大的影响力，让我们的产品走在科技的最前沿，更具竞争力。

### 价格优势

星鸿艺知行业，懂市场，更了解客户，所以我们的每一款产品从研发之初就站在客户的角度出发，以打造高性价比的设备来感恩客户，解客户所需，解客户所“难”。给客户带来实实在在的实惠。

### 服务优势

对待客户我们始终坚持客户是上帝的服务理念，售前，售后我们制定有完善的服务体系。我们的服务人员十年如一日用优秀的服务品德，帮助无数的客户在激光设备的，选择，使用，维护等多个环节给予最大的支持。客户的满意是我们最大的荣誉。

## ▶ XINGHONGYI LASER IS TRUSTWORTHY



Sell well home and abroad



Sales to more than 20 countries



Possess multiple offices

For more than ten years, Xinghongyi has always put its customers first, depending on honesty and frankness, so as to achieve today's development. We are grateful to every customer. Only with the trust of our customers can we produce the best products. It is the support of our customers that will enable our products to sell well both domestically and internationally. Xinghongyi never forgets its original intention and insists on moving forward with our customers and integrity.

### Product Advantage

Products are the top priority of the company. Without good products, there will be no customers. Xinghongyi should make the best products for customers. The company and employees know that this is the foundation of Xinghongyi and is also the basis of our company culture. Therefore, the front-line employees in Xinghongyi work with dedication and conscientiousness, combined with the company's quality management system, to ensure that any equipment delivered to customers is the best product.

### R & D advantage

Xinghongyi has a leading R&D team in China. They gather their wisdom and unique eyesight, master the customers' demand, and insist on technological innovation. In the process of R&D, our company spares no expense to invest in our technology so that in each round of technological iteration we can have a great impact on the laser industry, which enables our products go in the forefront of science and technology and become more competitive.

### Price advantage

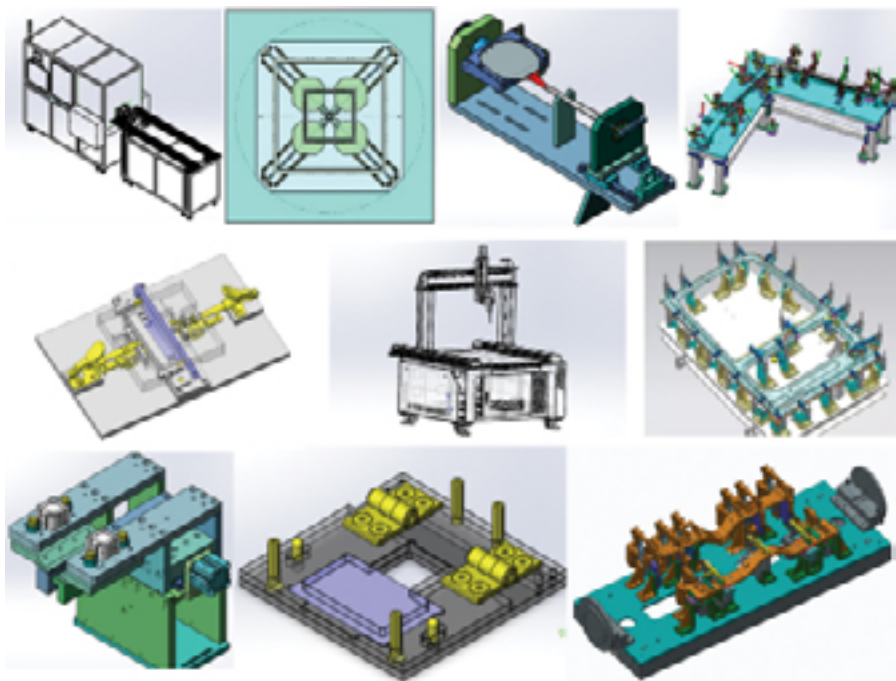
Xinghongyi acquaints with the industry, knows the market, and especially understands the customers. Therefore, from the beginning of research and development of every product we stand in the customers' shoes and appreciate them by creating high cost-effective equipment. We understand customers' needs, solve customers' difficulties and bring real benefits to customers.

### Service advantage

In terms of customer treatment, we always adhere to the service concept that customers are God. We formulate a perfect service system including pre-sale and after-sale services. Our service staff has been using excellent service ethics for years continuously, to help countless customers and give them the greatest support in the laser equipment selection, utilization, maintenance and so on. Customer satisfaction is our greatest honor.

# ▶ 激光焊接自动化工装

## LASER WELDING AUTOMATION FIXTURE



### 满足多样化的焊接需求

提升焊接品质，增加生产效率，为客户带来实实在在的焊接解决方案，一直是星鸿艺激光努力的方向。

### Satisfy diversified welding needs

To improve welding quality, increase production efficiency, and bring real welding solutions to customers has always been the endeavor direction of Xinghongyi laser.



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# 光纤连续激光焊接机

HIGH EFFICIENCY OPTICAL BRAZING LASER WELDING MACHINE

激光输出功率：1000W – 6000W

Laser output power 1000W-6000W



## 光纤连续激光焊接机

### 产品概述

光纤连续激光焊接机具有高精度、高速度等突出优势。使用先进的激光技术，凭借其速度快、焊缝牢固美观等优势，为企业节约成本，提升效率，带来高效、完美的解决方案。工业PC控制，配备专业的焊接软件，四轴联动工作台，工件可做平面轨迹运动，可以焊接点、直线、圆、方形或者直线和圆弧组成的任意平面图形，可配套自动化流水作业或机械手焊接。智能化操作方式，简捷方便。用不锈钢、碳钢、铜、铝、金、银、铬、镍、钛、钽等多种金属或合金，也用于多种异种材料间的焊接。

高精度

高稳定性

高效率

寿命长

### 产品特点

- 1、可对工件进行点焊、对接焊、叠焊、密封焊、填丝焊。
- 2、焊接速度快，深宽比高，焊接过程热影响区小，变形小，焊缝平整光滑美观，焊后无需或只需简单处理。
- 3、激光器无耗材免维护，高效稳定，寿命达10万小时，整机耗电量仅相当于YAG激光焊接机十分之一。
- 4、电光转换效率高，是YAG激光器的10倍以上，焊接效率是YAG脉冲激光焊接机的5倍。

### 样品展示 Samples show



### Product Description

Optical fiber continuous laser welding machine has outstanding advantages of high precision and high speed. Using advanced laser technology, with its advantages of fast speed, firm and artistic welds, it can save costs, improve efficiency and bring efficient and perfect solutions for enterprises. With industrial PC control and equipped with professional welding software, four-axis linkage worktable, workpiece can do plane trajectory movement, can weld joints, linear, circular, square or arbitrary planar figures composed by straight lines and arcs, and can be matched with automated assembly work or mechanical arm welding. The intelligent operation mode is simple and convenient. It is used for welding stainless steel, carbon steel, copper, aluminum, gold, silver, chromium, nickel, titanium, tantalum and other metals or alloys. It is also used for welding various heterogeneous materials.

### Product characteristic

1. Spot welding, butt welding, overlay welding, sealing welding and wire filling welding can be carried out on workpieces.
2. We have fast welding speed, high ratio of depth to width, small heat-affected zone and deformation, and the weld is smooth and artistic. There is no need to dispose or just need simple dispose after welding.
3. The laser is consumable-free and maintenance-free, which is efficient and stable. It has a life span of 100,000 hours. The power consumption of the whole laser welding machine is only one tenth of that of the YAG laser welding machine.
4. The electro-optical conversion efficiency is 10 times higher than that of YAG laser. The welding efficiency is five times higher than that of YAG pulse laser welding machine.

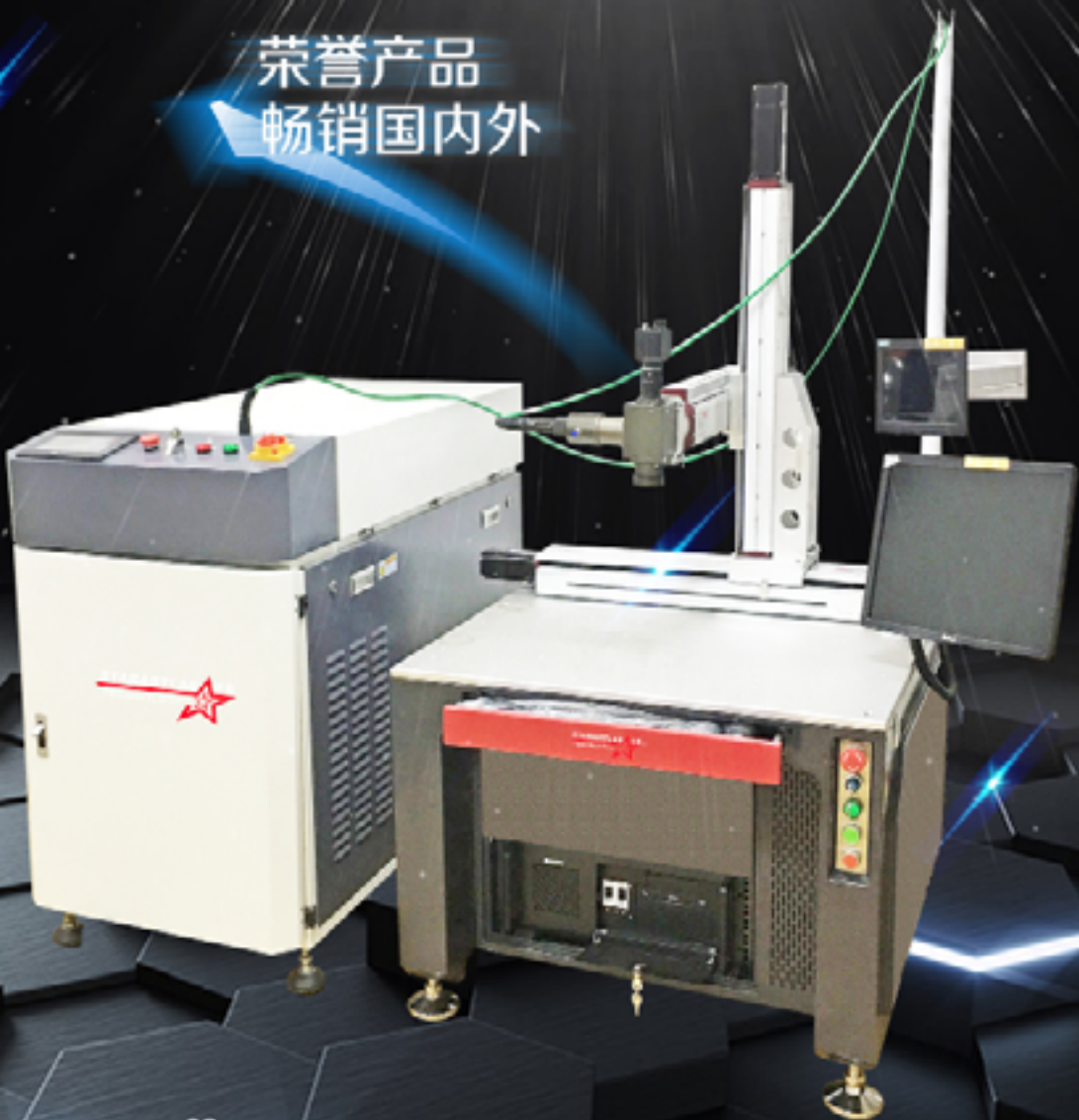
# 光纤传输激光焊接机

OPTICAL FIBER TRANSMISSION LASER WELDING MACHINE

激光输出功率：200W – 600W

Laser output power 200W-600W

荣誉产品  
畅销国内外



# 光纤传输激光焊接机

## 产品概述

光纤传输激光焊接机是将高能激光束耦合进入光纤，远距离传输后，通过准直镜准直为平行光，再聚焦于工件上实施焊接的一种激光焊接设备。对焊接难以接近的部位，施行柔性传输非接触焊接，具有更大灵活性。应用于光通信器件、IT、医疗、电子、电池、光纤耦合器件、显像管电子枪、金属零件、手机振动马达、钟表精密零件、五金等的精密焊接。

高精度

高稳定性

高效率

寿命长

## 产品特点

- 1、选配 CCD 摄像监视系统，方便观察和精确定位。
- 2、焊斑能量分布均匀，具有焊接特性所需要的最佳光斑。
- 3、适应各种复杂焊缝，各种器件的点焊，以及 1mm 以内薄板的缝焊。
- 4、采用英国进口陶瓷聚光腔体，耐腐蚀、耐高温，腔体寿命 (8-10) 年，氙灯寿命 800 万次以上。

## 样品展示 Samples show



## Product Description

Fiber optical transmission laser welding machine is a kind of laser welding equipment which couples high-energy laser beams into optical fibers and after long-distance transmission, the laser beam is collimated into parallel light through collimating mirror, and then focuses on the workpiece for welding. Flexible transmission non-contact welding is more flexible for parts that are difficult to access. It is used for precision welding of optical communication devices, IT, medical, electronic, battery, optical fiber coupler, kinescope electron gun, metal parts, mobile phone vibration motor, clock precision parts, hardware, etc.

## Product characteristic

1. Select CCD camera monitoring system to facilitate observation and accurate positioning.
2. Weld facula energy distribution is even and possesses the best facula required for welding characteristics.
3. Suitable for all kinds of complex welds, spot welding of various devices, and seam welding of thin plates within 1mm.
4. The ceramic concentrating cavity imported from Britain is corrosion-resistant and high temperature-resistant. Its life span is (8-10) years and the life span of xenon lamp is more than 8 million times.

# 手持激光焊接机

## 产品概述

分脉冲手持激光焊 (200W-600W) 和连续激光焊 (500W-1000W)。适用于钣金行业。

手持脉冲激光焊：激光脉冲频率最高1秒100个光点，不适合户外焊接。高反光材料焊接不了，只能焊接1mm厚度以下的不锈钢，铁等金属，适合点焊和叠焊，

手持连续激光焊：对焊缝的间隙要求较高，激光脉冲频率峰值1秒50000个光点，不适合户外焊接，目前不锈钢可以焊接2mm以下，常见的金属材料都能焊接。

简单易用

灵活方便

枪头定制

易维护

可以搭载机械手，龙门工作台，四轴联动工作台，后续可扩展能力强。一台主机可以配置多个手持焊枪，分为时间分光 and 能量分光，时间分光是：一个用，另一个不能用，交替使用。能量分光是：例如1000瓦可以同使用，2个激光头每个500瓦。

## 样品展示 Samples show



## Product Description

The partial pulse hand-held laser welding (200W-600W) and continuous laser welding (500W-1000W) are suitable for sheet metal industry.

Hand-held pulse laser welding: laser pulse frequency up to 100 spots per second, so it is not suitable for outdoor welding. High reflective material cannot be welded. It can only weld stainless steel, iron and other metals within 1 mm thickness. It is suitable for spot welding and overlay welding.

Hand-held continuous laser welding: The requirement for the gap of weld seam is high. The peak frequency of laser pulse is 50,000 spots per second. It is not suitable for outdoor welding. At present, stainless steel can be welded within 2 mm thickness, and common metal materials can be welded.

## Product characteristic

It can carry mechanical arms, Longmen worktable, four-axis linkage worktable, and has strong follow-up expandability. A host machine can be equipped with multiple hand-held welding torches, which is divided into time spectroscopic and energy spectroscopic. Time spectroscopic is: One is used, the other is spared, and the two are used interchangeably. Energy spectroscopic is: for example, 1000 watts can be used together which means two laser heads of 500 watts can be used at the same time.

## 手持激光焊

Hand-held laser welding

多角度灵活焊接  
multi-angle flexible welding



# 机械手激光焊接机

MANIPULATOR LASER WELDING MACHINE

激光输出功率：200W – 600W

Laser output power 200W-6000W

专业集成光纤连续激光焊接机和光纤传输激光焊接机，调试安装培训。高精度的完成大型或复杂工件的焊接需求。

Professional integrated optical fiber continuous laser welding machine and optical fiber transmission laser welding machine, debugging and installation training.

High-precision welding requirements for large or complex workpieces.



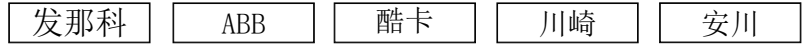
# 机械手激光焊接机

## 产品概述

选配全球一线品牌机械手，高度集成激光焊机，使其能够焊接较大工件或复杂角度的焊接，可以配置翻转头，实现 360 度立体焊接。机械臂关节手臂的灵活性以及精准定位使激光焊足以焊出高品质的产品。提升企业产品核心竞争力，助力中国制造。

同时为企业解决用工难，降低管理成本。自动化，智能化，以及多工位的生产模式可以大幅提高生产效率、降低运营成本、提高产品品质、通用性强、安全性好、提升工厂形象。是现代化工厂生产制造的趋势性方案。

## 机械手合作品牌



## 案例 Caes



## Product overview

Select global first-line brand mechanical arms of highly integrated laser welding machine, so that it can weld larger workpieces or complete complex angles of welding. It can be configured with turntable to realize 360 degrees of three-dimensional welding. The flexibility and precise positioning of the joint arm of the mechanical arms enable laser welding to produce high quality products. Promote the core competitiveness of enterprises' products and help promote Made in China.

At the same time, it can solve the employment difficulties for enterprises and reduce the management cost. Automation, intellectualization, and multi-station production mode can greatly improve production efficiency, reduce operating costs, improve product quality, versatility, safety and enhance the image of the factory. It is a trend plan for the production and manufacture of modern chemical plants.

## Mechanical arms cooperative brand



# 龙门激光焊接机

GANTRY LASER WELDING MACHINE

激光输出功率：800W – 6000W

Laser output power 2800W-6000W

精度

性价比

# 龙门激光焊接机

## 产品概述

可以搭配各种类型的光纤激光焊机。工业PC控制，配备专业的焊接软件，双Y四轴联动工作台，可对工件做平面轨迹运动，可以焊接点、直线、圆、方形或者直线和圆弧组成的任意平面图形，可以焊接不锈钢、碳钢、铜、铝、金、银、铬、镍、钛、钽等多种金属或合金，也用于多种异种材料间的焊接。

高精度

高稳定性

高效率

专业定制

## 产品特点

- 1、可对工件进行点焊、对接焊、叠焊、密封焊、填丝焊。
- 2、焊接速度快，深宽比高，焊接过程热影响区小，变形小，焊缝平整光滑美观，焊后无需或只需简单处理。
- 3、激光器无耗材免维护，高效稳定，寿命达10万小时，整机耗电量仅相当于YAG激光焊接机十分之一。
- 4、电光转换效率高，是YAG激光器的10倍以上，焊接效率是YAG脉冲激光焊接机的5倍。

## 样品展示 Samples show



## Product Description

It can be used with various types of fiber laser welding machines. With industrial PC control and equipped with professional welding software, double Y four-axis linkage worktable, it can make plane trajectory movement of workpiece. It can weld joints, linear, circular, square or arbitrary planar figures composed by straight lines and arcs. It is used for welding stainless steel, carbon steel, copper, aluminium, gold, silver, chromium, nickel, titanium, tantalum and other metals or alloys.

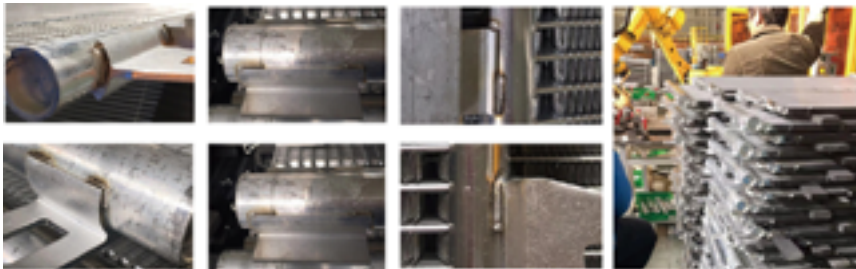
## Product characteristic

1. Spot welding, butt welding, overlay welding, sealing welding and wire filling welding can be carried out on workpieces.
2. We have fast welding speed, high ratio of depth to width, small heat-affected zone and deformation, and the weld is smooth and artistic. There is no need to dispose or just need simple dispose after welding.
3. The laser is consumable-free and maintenance-free, which is efficient and stable. It has a life span of 100,000 hours. The power consumption of the whole laser welding machine is only one tenth of that of the YAG laser welding machine.
4. The electro-optical conversion efficiency is 10 times higher than that of YAG laser. The welding efficiency is five times higher than that of YAG pulse laser welding machine.



## 汽车冷凝器焊接方案简介

采用六轴机械手+激光摆动焊接头+1000瓦光纤连续激光焊机+双温双控冷水机，可以配置2-3个焊接工位实现对冷凝器的自动化焊接。焊接的焊缝在一些情况可以兼容<1.2mm间隙，激光输出功率<80%。



## 激光焊接使用成本

1. 如果改用激光焊接只需一名装配工人，负责3个工位同时装配，无需焊工，按3个工位装配来算的话一台设备可以节省3个焊接工和2个装配工。因此一年可以为企业节省一大笔人工工资。
2. 耗材方面：激光焊有明显的优势，和氩弧焊相比焊接一个冷凝器所需的耗材能为企业节省2-4角。激光焊接一个冷凝器的时间在1分钟左右，1天24小时焊接一年的话可以为企业节省几十万的耗材成本。
3. 大幅减少人工管理成本。

人工公司+耗材+管理成本一年可以为企业节省60-100万左右的生产成本。

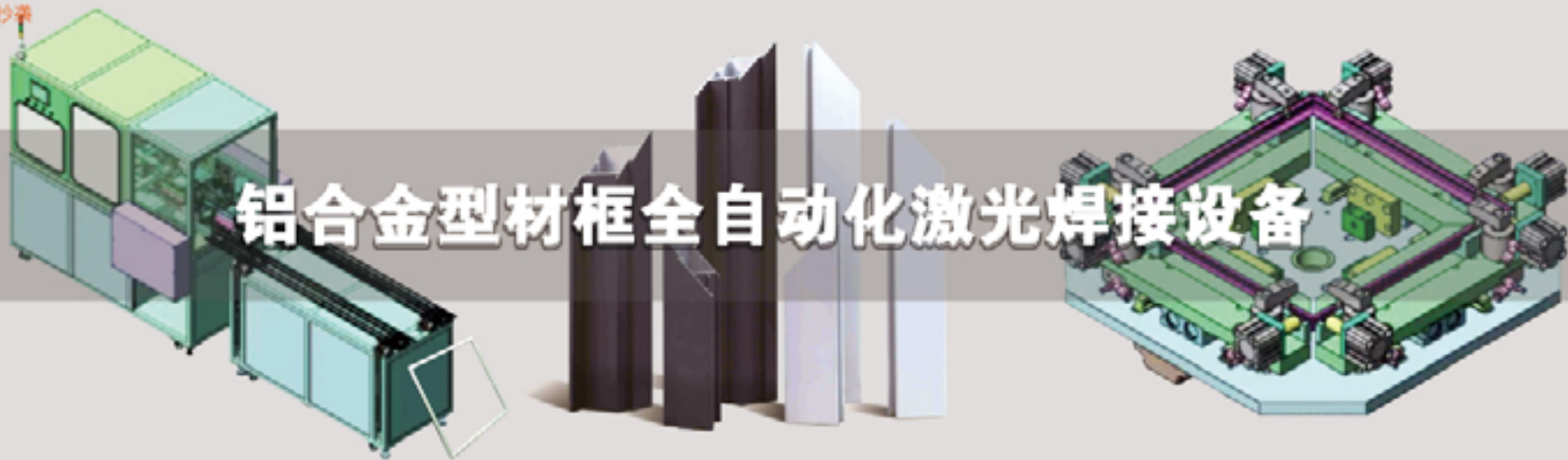
## Brief Introduction of Welding Scheme for Automobile Condenser

It adopted six-axis mechanical arms + laser swing welding head + 1000W optical fiber continuous laser welding machine + dual-temperature and double-controlled water cooler. 2-3 welding stations can be configured to realize automatic welding of condenser. In some cases, the weld seam can be compatible with < 1.2mm gap and laser output power < 80%.

## Cost of Laser Welding

1. If switch to laser welding, there only need one assembly worker, who is responsible for the assembly in three stations at the same time without the help of any welders. Then each piece of equipment can save three welders and two assemblers. So a year it can save a lot of workers' wage for enterprises.
2. Consumables: Laser welding has obvious advantages. Compared with argon arc welding, the consumables needed to weld a condenser can save 2-4 cents for enterprises. Laser welding of a condenser takes about one minute, thus 24 hours a day for a year can save enterprises hundreds of thousands of consumable cost.
3. Significantly reduce the cost of labor management.

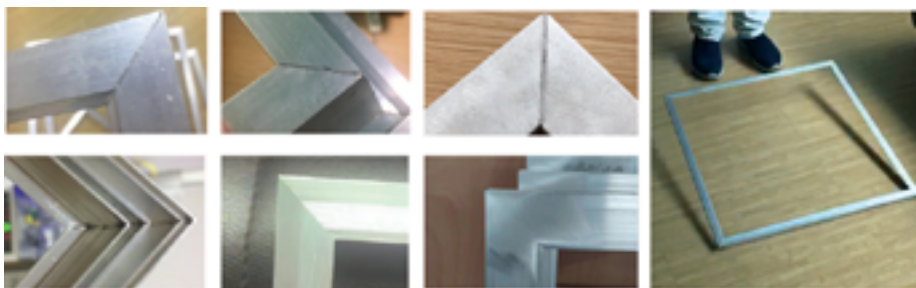
Manpower company + consumables + management costs can save about 0.6-1 million production costs for enterprises in a year.



# 铝合金型材框全自动化激光焊接设备

## 铝框自动送剪切拼对激光焊接设备

铝型材全自动化送料，45度剪切，直角拼对，激光焊接，下料设备。是星鸿艺自主研发的一款全自动化铝框生产设备。只需料箱补料，全自动完成生产。



## 设备价值

1. 代替大量人工，改变整个行业生产模式。
2. 可以焊接出高品质的铝框，焊缝牢固美观不变形变色。
3. 傻瓜式生产模式，一个人可以管理多台设备，维护简单。

是相关企业现代化生产车间的必备设备。

## Laser Welding Equipment for Aluminum Frame Fully Automatic Sending Shearing and Matching

With fully automatic sending material, 45 degree shearing, right angle matching, laser welding, and blanking equipment, the fully automatic aluminum frame production equipment is independently developed by Xinghongyi. Only the material box is needed to be replenished and fully automatic production can be achieved.



## Equipment impact

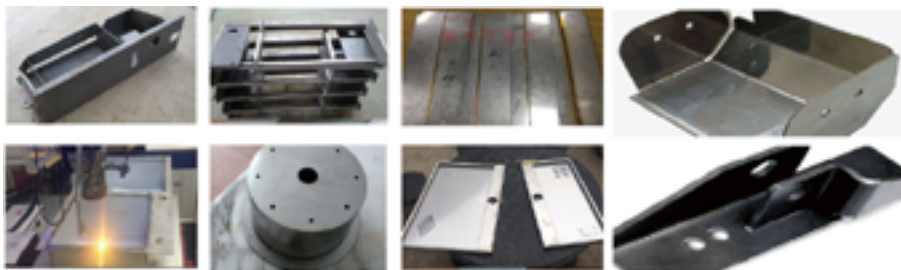
1. Replace a large quantity of manual forces, which can change the production mode of the whole industry.
2. High quality aluminum frame can be welded, and the weld seam is firm, artistic and non-distortion and non-color deformation.
3. Fool-like production mode enables one person to manage multi-equipment and the maintenance is simple.

It is the necessary equipment for the modern production workshop of relevant enterprises.



## 钣金行业激光焊接 – 定制化解决方案

钣金行业产品种类多，焊接要求多样化，而且耗时耗人工。星鸿艺激光根据产品为客户提供可行性的焊接解决方案，为企业节约大量生产成本。提升核心竞争力。



### 定制化方案

1. 根据产品规格以及焊接需求量身定制焊接方案
2. 高效率高精度的工装夹具设计，保证产品焊接一致性强。
3. 精准匹配激光焊接工艺。
4. 自动化程度高。

提升企业形象，降低生产运营成本，助力企业高速发展。

## Laser Welding–Customized Solution for Sheet Metal Industry

Sheet metal industry has many kinds of products which demands for diverse welding requirements, and the work is also time-consuming and labor-consuming. Xinghongyi Laser provides feasible welding solutions for customers according to their products, which saves a lot of production costs for enterprises and promotes customers' core competitiveness.



### Customization solution

1. Tailor-made welding solution according to product specifications and welding requirements.
2. High efficiency and high precision fixture design to ensure strong consistency of product welding.
3. Precise matching of laser welding process.
4. High degree of automation.

Improve the image of the enterprise, reduce the cost of production and operation, and help the enterprise develop at a high speed.

## YAG 硬光路激光自动焊接机 (200W-600W) - 系列

YAG hard optical path laser welding machine (200W - 600W)



YAG 硬光路自动焊机



分体式激光焊接机

### 产品概述

自动化激光焊接机该机采用英国进口双灯陶瓷反射腔体，功率强大、脉冲可编程和智能化系统管理。工作台 Z 轴可电动上下移动对焦，工业 PC 机控制。配置标准分离式 X/Y 二维自动移动工作台。另可选旋转夹具 (125mm 可选)。监控系统采用显微镜、红光、CCD。配外置冷却系统。

### 适用行业

自动化激光焊接机适用于水壶、真空杯、不锈钢碗、传感器、钨丝、大功率二极管 (三极管)、铝合金、笔记本电脑外壳、手机电池、门把手、模具、电器配件、滤清器、油嘴、不锈钢制品、高尔夫球头、锌合金工艺品等相关行业焊接。

### 样品展示 Applicable Industry



### Product description

The automatic laser welding machine adopts double-lamp ceramic reflecting cavity imported from Britain. It has powerful power, pulse programmable and intelligent system management. The Z axis of the worktable can be moved up and down electronically to focusing and controlled by industrial PC. It is configured with standard separated X/Y two-dimensional automatic mobile worktable. A rotary fixture (125 mm optional) can be selected. The monitoring system uses microscope, red light and CCD. It is equipped with external cooling system.

### Applicable industries

The automatic laser welding machine is suitable for the welding of kettles, vacuum cups, stainless steel bowls, sensors, tungsten wires, high power diodes (triodes), aluminum alloy, laptop external case, mobile phone batteries, door handles, dies, electrical accessories, filters, oil nozzles, stainless steel products, golf ball heads, zinc alloy crafts and other related industries.

## 模具激光焊接机 (80W-600W) - 系列

Laser die welding machine (80W - 600W)



YAG 模具激光焊机



CCD+YAG 模具焊机



吊臂模具焊机



光纤模具焊机

### 产品概述

激光模具焊接机此激光沉积焊接系统的工作原理，是以激光高热能并集中定点的熔接技术，有效处理一切微小部分的焊接及修补工作，弥补了传统氩弧焊技术在修补焊接精细表面时的不足。避免了热应变和后处理这两道门槛，大大节省了模具的生产周期。主要优点专为模具行业量身打造，采用独特的结构设计，适合各种大、中、小型模具的修补。

### 适用行业

广泛应用精密模具的修补，如数码产品、手机、玩具、汽车、摩托车等模具制造和成型行业。通过模具的修补，可以将原来的模具重新充分利用，大大节约了生产成本和提高了工作效率。此技术更可应用于修改模具的设计或尺寸，缩短产品开发的周期。

### 样品展示 Applicable Industry



### Product description

The working principle of the laser deposition welding system of laser die welding machine is that the laser welding technology with high heat energy and concentrated fixed point can effectively handle all the welding and repair work of small parts, which makes up for the shortcomings of traditional argon arc welding technology in repairing the fine surface of welding. The two thresholds of thermal strain and post-treatment are avoided, and the production cycle of the die is greatly saved. The main advantages are tailor-made for the die industry, using unique structural design, which is suitable for repairing various large, medium and small dies.

### Applicable industries

It is widely used in the repair of precision molds, such as digital products, mobile phones, toys, automobiles, motorcycles and other mold manufacturing and forming industries. By repairing the die, the original die can be fully utilized again, which greatly saves the production cost and improves the work efficiency. This technology can be used to modify the design or size of the

## 振镜扫描激光焊接机 (200W - 600W) - 系列 Galvanometer laser welding machine (200W - 600W)



A 振镜扫描激光焊接机



B 振镜扫描激光焊接机

### 产品概述

振镜扫描激光焊接机采用振镜扫描方式，焊接速度快、精度高、光束模式好，特别适用各种零部件的激光精密点焊。在单点焊接时由于极大的减少了空走定位时间，生产效率比普通激光点焊工效提高3-6倍。扫描式激光焊接机是由YAG固体激光器、激光电源、光学扫描系统、三维可调节工作台、工控机系统、制冷系统、激光指示系统，操作机柜等组成。该机提供基于windows平台下的专用激光焊接软件。焊接点或图形可在其专用软件中直接输入、编辑，也可由Auto CAD、Cdr 等其它软件编辑，再通过其专用软件导入进行处理。本机质量稳定、操作方便、维护简单。

### 适用材料与行业

适用于包括铝片，镍片，不锈钢等金属。应用于手机屏蔽罩、金属手机外壳、金属电容器外壳、电池，电脑内金属屏蔽网、剃须刀片、电子接插件及其它类别电子产品等相关行业。

### 样品应用展示 Applicable materials



### Product description

The galvanometer laser welding machine adopts the galvanometer scanning method, which has fast welding speed, high precision and good beam mode, and is especially suitable for laser precision spot welding of various parts. Large-scale positioning time is reduced during single-point welding, so the production efficiency is 5-10 times better than ordinary laser spot welding. Scanning laser welding machine is composed of YAG solid-state laser, laser power supply, optical scanning system, three-dimensional adjustable worktable, industrial computer system, cooling system, laser indicating system, operating cabinet, etc. This machine provides special laser welding software based on windows platform. Solder joints or graphics can be entered and edited directly in their special software, or also can be edited by other software, such as AutoCAD and Cdr, and then processed through its special software import. The machine is stable in quality, easy to operate and easy to maintain.

### Applicable industries

Suitable for metals including aluminum, nickel, stainless steel, etc.

## 首饰激光点焊机 - 系列 Laser spot welding machine



A 一体式首饰激光



B 分体式首饰激光



C 小型激光点

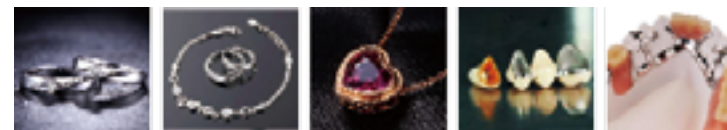
### 产品概述

首饰激光点焊机是星鸿艺激光专门针对首饰激光焊接的一款产品，主要应用于金银饰品的补孔和点焊砂眼。激光点焊是激光材料加工技术应用的重要方面之一，点焊过程属热传导型，即激光辐射加热工件表面，表面热量通过热传导向内部扩散，通过控制激光脉冲的宽度、能量、峰值功率和重复频率等参数，使工件熔化，形成特定的熔池。由于其独特的优点，已成功地应用于金银首饰加工及微、小型零件焊接中。

### 适用材料与行业

焊接金、银、铂、钛及其合金、电镍带等材料。

### 样品应用展示 Applicable materials



### Product description

Jewelry laser spot welding machine is a product specially designed for jewellery laser welding by Xinghongyi Laser. It is mainly used for welding, filling and spot welding of gold and silver jewelry. Laser spot welding is one of the important aspects of the application of laser material processing technology. Spot welding process is heat conduction type, that is, the laser radiation heats the surface of the workpiece, and the surface heat is diffused to the inside through heat conduction. By controlling parameters such as the width, energy, peak power and repetition frequency of the laser pulse, the workpiece is melted to form a specific molten pool. Due to its unique advantages, it has been successfully applied in gold and silver jewelry processing and micro and small parts welding.

### Applicable industries

Welding gold, silver, platinum, titanium and its alloys, electric nickel tape and other materials.

### 军工行业 - Military industry



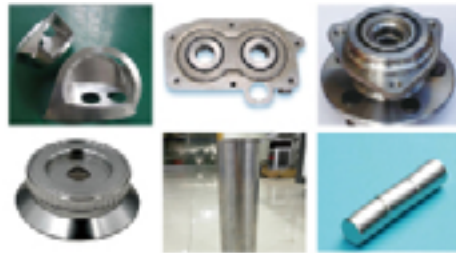
#### 推荐机型

光纤连续激光焊机, 光纤传输激光焊机, YAG 硬光路激光自动焊机。

#### Recommended models

Optical fiber continuous laser welding machine, Optical fiber transmission laser welding machine, YAG hard optical path laser welding machine

### 航天行业 - Aerospace Industry



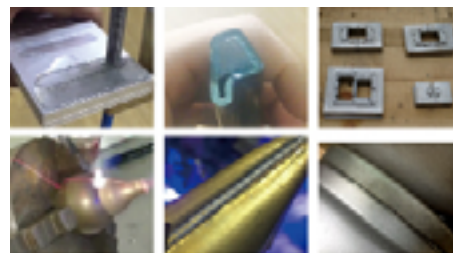
#### 推荐机型

光纤连续激光焊机, 光纤传输激光焊机, YAG 硬光路激光自动焊机。

#### Recommended models

Optical fiber continuous laser welding machine, Optical fiber transmission laser welding machine, YAG hard optical path laser welding machine

### 高端制造 - High-end manufacturing



#### 推荐机型

光纤连续激光焊接机, 光纤传输激光焊机

#### Recommended models

Optical fiber continuous laser welding machine, Optical fiber transmission laser welding machine, YAG hard optical path laser welding machine

### 钣金行业 - Sheet metal industry



#### 推荐机型

光纤连续激光焊接机(摆动焊接), 光纤传输激光焊机,

#### Recommended models

Optical fiber continuous laser welding machine, YAG hard optical path laser welding machine

### 汽配行业 - Automobile industry



#### 推荐机型

高效率光纤激光焊接机

#### Recommended models

Optical fiber continuous laser welding machine

### 精密焊接 - Precision welding



#### 推荐机型

光纤激光焊接机, 光纤传输焊接机, YAG 多功能激光自动焊接机。

#### Recommended models

Optical fiber continuous laser welding machine, Optical fiber transmission laser welding machine, YAG hard optical path laser welding machine

### 仪器仪表 - Instrument and apparatus



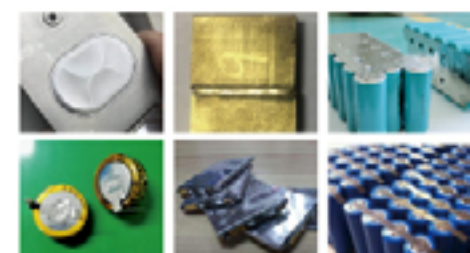
#### 推荐机型

高效率光纤激光焊接机, 光纤传输焊接机, YAG 多功能激光自动焊接机。

#### Recommended models

Optical fiber continuous laser welding machine, Optical fiber transmission laser welding machine, YAG hard optical path laser welding machine

### 新能源行业 - New energy industry



#### 推荐机型

高效率光纤激光焊接机, 光纤传输焊接机, 振镜激光焊机。

#### Recommended models

Optical fiber continuous laser welding machine, YAG hard optical path laser welding machine, Galvanometer laser welding machine



### 五金行业 - Hardware industry



#### 推荐机型

光纤连续激光焊接机, 光纤传输焊接机, YAG 多功能激光自动焊接机。

#### Recommended models

Optical fiber continuous laser welding machine, Optical fiber transmission laser welding machine, YAG hard optical path laser welding machine

### 金属加工 - Metal Processing Industry



#### 推荐机型

光纤连续激光焊接机, 光纤传输焊接机, YAG 多功能激光自动焊接机。

#### Recommended models

Optical fiber continuous laser welding machine, Optical fiber transmission laser welding machine, YAG hard optical path laser welding machine

### 眼镜 / 手机行业 - Eye glasses and mobile phone industry



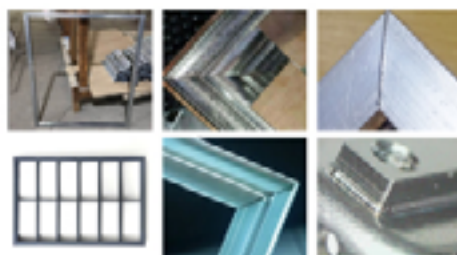
#### 推荐机型

光纤传出激光焊接机, QCW 光纤激光焊接机, 振镜扫描激光焊接机。

#### Recommended models

Optical fiber transmission laser welding machine, QCW laser welding machine, Galvanometer laser welding machine

### 门窗锁行业 - Door and Window Industry



#### 推荐机型

高效率光纤激光焊接机, 光纤传输焊接机。

#### Recommended models

Optical fiber continuous laser welding machine, Optical fiber transmission laser welding machine

### 模具行业 - Die Industry



#### 推荐机型

激光模具焊接机。

#### Recommended models

Laser die welding machine

### 卫浴厨具 - Sanitary ware and kitchenware



#### 推荐机型

高效率光纤激光焊接机, 光纤传输激光焊接机

#### Recommended models

Optical fiber continuous laser welding machine, Optical fiber transmission laser welding machine

### 电子行业 - Electronic industry



#### 推荐机型

光纤传出激光焊接机, QCW 光纤激光焊接机, 振镜扫描激光焊接机, YAG 多功能激光自动焊接机。

#### Recommended models

Optical fiber transmission laser welding machine, QCW laser welding machine, Galvanometer laser welding machine, YAG hard optical path laser welding machine

### 金银首饰 - Gold and silver jewelry



#### 推荐机型

首饰激光点焊机, 光纤传输激光焊接机, YAG 硬光路自动激光焊接机

#### Recommended models

Laser spot welding machine, Optical fiber transmission laser welding machine, YAG hard optical path laser welding machine

## 非标 - 定制化服务

为客户竭尽全力生产最好的定制化激光设备

聆听客户需求

设计可行性方

满足客户需求

开工生产设备

现场技术支持

## 星鸿艺的优势

### 产品设计领域

星鸿艺激光力求为客户提供多元化的个性化定制设计服务，将精益求精的理念贯穿到每一个环节。满足我们的客户需求。

### 超高性价比

我们有完善的渠道资源，高效的资源分配能力做支撑和生产环节的精细化分工作业以及专业的市场分析团队，保证了我们的产品有超高的性价比优势。



拥有十余年激光设备生产经验的辜师傅在检验客户定制的高效率焊接机的的焊接质量。



我们有完善的渠道资源，高效的资源分配能力做支撑和生产环节的精细化分工作业以及专业的市场分析团队，保证了我们的产品有超高的性价比优势。

### 生产加工领域

凭借一流的技术水平，十余年的科学生产经验，严格的规范和高效的监督管理，确保为客户生产的激光设备质量无忧。

### 客户服务

从设计到生产，从产品到客户，我们追求卓越，从各个环节为客户考虑，以客户的利益优先，为客户排忧解难，客户的满意就是我们最大的追求。



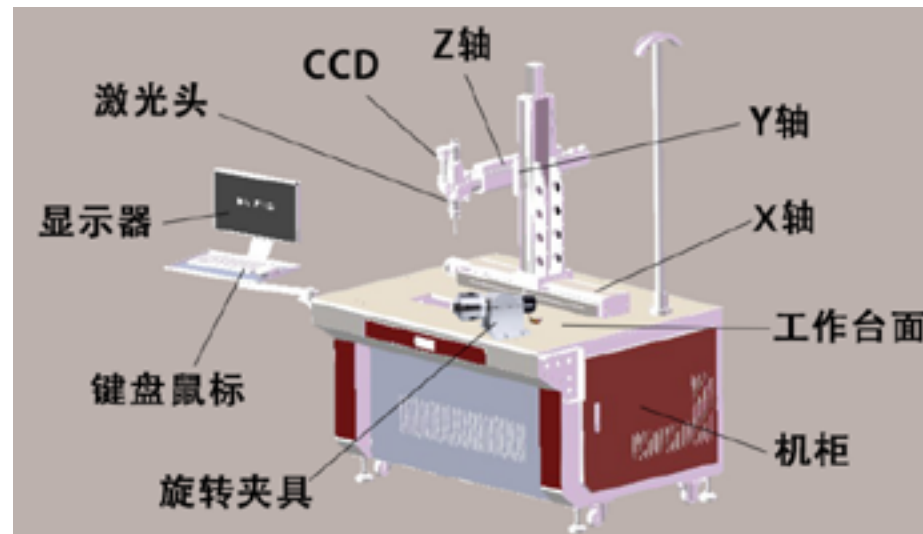
辜师傅在组装调试设备，专注而又认真。在我们现场会经常听到客户对顾经理的高超评价。



从设计到生产，从产品到客户，我们追求卓越，从各个环节为客户考虑，以客户的利益优先，为客户排忧解难，客户的满意就是我们最大的追求。

## 光纤焊接机 - 标准机柜

为客户竭尽全力生产最好的标准化激光设备



## 四轴联动 / 六轴联动 - 标准工作台

### 模组行程

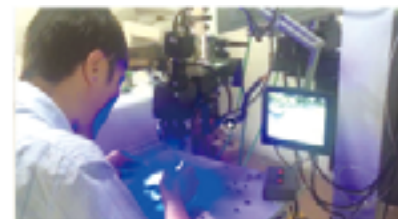
X轴: 400mm-1000mm 可选  
Y轴: 400mm  
Z轴: 400-800mm 可选

### 旋转

旋转夹具: D80mm-D160mm  
激光头旋转范围 180度

### 工作台

长: 600mm-1280mm 可选  
宽: 500mm-1180mm 可选  
高: 500-800mm 可选



# CUSTOMER SERVICE

## 星鸿艺客户服务须知



诚信经营厂



产品质量保



免费打样品



完善售后服

### 质量体系

公司产品按国家标准设计、制造、测试。每一个工序都要求实行“自检、互检、道检”这三检，并做好相应的记录归档备查。所生产的任何一款设备必须进行全面检测方可出厂。设备经过正确安装、合理操作和维护保养，经过多年研究测试，设置的参数可确保产品在“零故障”状态下运行，寿命期内使用良好，同时使用寿命会得到延长。

### 设计管控

对产品的设计、工艺的控制。在符合用户要求的前提下，采用优秀的模型、先进可靠的结构、制定完善的生产计划，采用先进准确的工艺，提出制造、检测的技术要求和标准。保证产品设计符合用户要求和有关技术标准，保证产品制造有标准、有规程、有根据的进行。

### 生产检验

每道工序中成批生产的首件工件，必须经过专门的、全面地检验，以确定其各个质量特性的合格及确保工艺的准确；检验合格后才允许成批生产。

### 产品验收

新产品每台(包括新设计的和新改型的产品)必须进行全性能测试(包括电流、功率、参数、光束质量等)可靠性试验，待全部检测合格并稳定后方投入生产。出厂检测包括光束质量检测、密封检测、性能检测、水压检测和用户要求的检测项目。

### 第三方检测

我公司产品第三方检验遵照生产许可证抽样细则。经抽检合格的产品达到全系列性能的技术要求才给予合格证书。

## 优质的客户服务体系

售前与售后，星鸿艺的服务人员始终以开放、专业、高效、感恩的心态全心全意服务于我们的每一位客户！



欢迎来电

### 激光设备咨询服务

坚守诚信坦诚相待

欢迎来电咨询星鸿艺，您的各种疑问在星鸿艺都能得到解答。



打样品

### 为客户免费打样品

用心为客户打造满意的样品

欢迎到星鸿艺免费打造样品，我们有最好的师傅为您竭诚服务。



真诚服务

### 终身产品技术支持

因为专业方可做到最好

给客户最好的产品且终身提供最好的技术支持。



不忘初心

### 客户满意“知我”初心

因不忘初心才能与客户同行

把产品做到最好，把服务质量做到最优，客户才会信任。

# CUSTOMER SERVICE

## 星鸿艺客户服务须知

全国拥有多个服务网点，随时可以寻求支持

### 售前产品服务

给客户清晰易懂的产品系列介绍，让客户全方位了解所要购买的产品性能，使用技巧和相关维护方法，让客户懂产品，知用法，解所需。

### 现场技术指导

不管是定制激光设备，还是标准型激光设备，我们技术人员都会到现场亲自指导客户，传授操作经验，并且用专业角度在现场根据实际情况配置及调试设备，让设备能够最符合客户要求，达到生产要求。同时让客户快速轻松上手操作，产品高质量的作业。

### 售后无忧

星鸿艺承诺所售的所有产品终身技术支持与维护，有任何产品上使用问题可随时和我们沟通，我们竭诚为您服务。

客户案例



现场指导



### 看看客户怎么说

星鸿艺为同源设备加工厂定做的激光自动焊机已经使用六年了，产品质量没得说。服务很到位，给我们全程做技术指导。遇到技术问题可以很快速的帮我们解决。是值得信赖的公司。

### 在客户现场技术指导

公司杨黎明和赵海龙两位同事在现场用专业的技术服务于我们的客户。给客户耐心指导，用心调试，兢兢业业。让我们的客户能够快速上手使用所购买的激光焊接机。