

EIGHT WORKSTATIONS

八大工作站



■ 定子自动焊接工作站

Automatic laser welding equipment for stator

- ▶ 自动输送模块 / Automatic conveying module
- ▶ 机器人自动抓取模块 / Robot automatic gripping module
- ▶ 伺服加压测高工位 / Servo pressurized height measuring station
- ▶ 机器人转运模块 / Robot conveying module
- ▶ 多工位转台模块 / Multi-station turntable module
- ▶ 电气控制系统 / Electrical control system



■ 产品优势 / PRODUCT ADVANTAGES

与传统氩弧焊相比，焊接速度快，精度高，焊后变形小，外观美观，焊缝无需后续处理。

Compared with the traditional argon arc welding, welding speed, high precision, small post-welding deformation, beautiful appearance, the weld does not require subsequent processing.

■ 汽车发动机喷油管激光焊接工作站

Laser welding equipment for auto engine fuel injection pipe

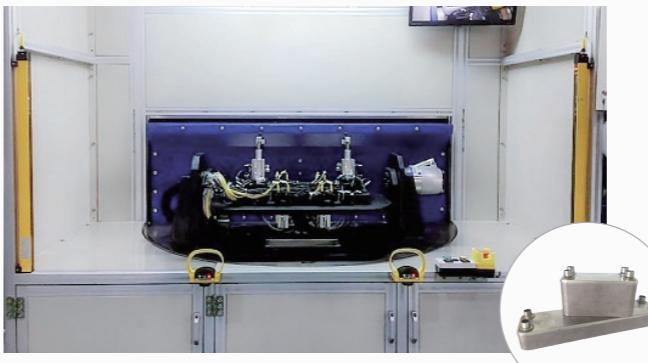
- ▶ 机器人系统 / Robotic System
- ▶ 激光系统 / Laser System
- ▶ 转台或伺服滑台系统 / Rotating table or servo sliding system
- ▶ 变位机系统 / Position system
- ▶ 自动焊接夹具 / Automatic welding fixture
- ▶ 除尘系统 / Dust removal system
- ▶ PLC电控系统 / PLC electronic control system



■ 产品优势 / PRODUCT ADVANTAGES

该工作站改变了传统人工实施弧焊的生产方式，提高了不锈钢高压燃油分配管生产的自动化程度、减少劳动力、提升操作人员工作环境，并且提高了产品的品质。

This workstation changes the traditional manual arc welding production method, improves the automation of stainless steel high-pressure fuel distribution pipe production, reduces labor, enhances the working environment of operators, and improves the quality of products.



■ 汽车转向管柱激光焊接工作站

Laser welding workstation for auto steering column

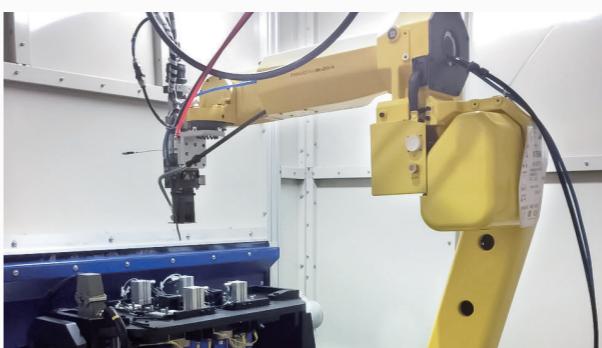
- ▶ 机器人系统 / Robotic System
- ▶ 激光器+激光焊接头系统 / Laser with laser welding head
- ▶ 全自动激光焊接夹具 / Automatic laser welding fixture
- ▶ 烟尘处理系统 / Fume disposal system
- ▶ 自动供料系统 / Automatic material loading system
- ▶ 一体焊接房防护系统 / One-piece welding room protection system
- ▶ 电气控制系统 / Electrical control system



■ 产品优势 / PRODUCT ADVANTAGES

改变传统氩弧焊生产方式，焊接速度快，精度高，焊后变形小，外观美观，焊缝无需后续处理。

Change the traditional argon arc welding production method, welding speed, high precision, small post-welding deformation, beautiful appearance, the weld does not require subsequent processing.



■ 产品优势 / PRODUCT ADVANTAGES

采用激光焊接可以有效减少散热板片的变形量，降低损伤度，焊接精度更高，提高产品的焊接质量，保证产品的热传导效率不受焊接的影响，提升产品的使用性能，并且焊接效率也得到了提高。

The use of laser welding can effectively reduce the amount of deformation of the heat sink plate, reduce the degree of damage, higher welding accuracy, improve the welding quality of the product, ensure that the heat transfer efficiency of the product is not affected by the welding, improve the performance of the product, and the welding efficiency has also been improved.





▶ 水泵泵体激光焊接工作站

Laser welding workstation for water pump shell

- ▶ 机器人系统 / Robotic System
- ▶ 激光器+激光焊接头系统 / Laser with laser welding head
- ▶ 全自动激光焊接夹具 / Automatic laser welding fixture
- ▶ 烟尘处理系统 / Fume disposal system
- ▶ 自动供料系统 / Automatic material loading system
- ▶ 一体焊接房防护系统 / Integrated welding room protection system
- ▶ 电气控制系统 / Electrical control system

▶ 汽车座椅调角器激光焊接工作站

Laser welding workstation for auto seat reclinder

- ▶ 高精度六轴工业机器人 / High precision six-axis industrial robots
- ▶ 高功率光纤激光器 / High power fiber laser
- ▶ 激光焊接头 / laser welding head
- ▶ 二/三工位机械式转台 / Dual/Triple station rotating stable system
- ▶ 全自动激光焊接夹具 / Fully automatic laser welding fixture
- ▶ 自过滤循环空气处理系统 / Self-filtering circulating air handling system
- ▶ 一体焊接房防护系统 / Integrated welding room protection system
- ▶ 电气控制系统 / Electrical control system



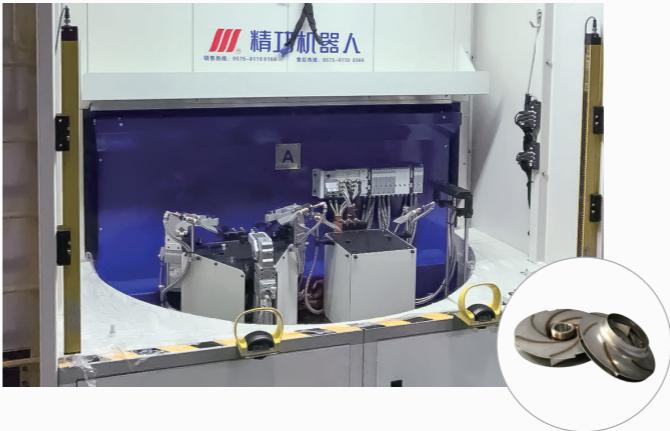
■ 产品优势 / PRODUCT ADVANTAGES

焊接速度快, 精度高, 热影响区小, 产品变形小, 焊缝美观。
Fast welding speed, high precision, small heat affected zone, small product deformation, beautiful weld seam.

■ 产品优势 / PRODUCT ADVANTAGES

改变传统氩弧焊生产方式, 焊接速度快, 精度高, 焊后变形小, 外观美观, 焊缝无需后续处理。

Change the traditional argon arc welding production method, welding speed, high precision, small post-welding deformation, beautiful appearance, the weld does not require subsequent processing.



▶ 涡轮壳体激光焊接工作站

Laser welding workstation for turbine housing

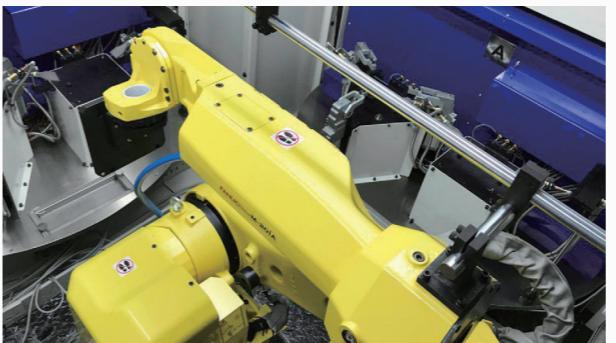
- ▶ 机器人系统 / Robotic System
- ▶ 激光器系统 / Laser system
- ▶ 全自动激光焊接夹具 / Automatic laser welding fixture
- ▶ 烟尘处理系统 / Fume disposal system
- ▶ 双工位滑台系统 / Dual station sliding table system
- ▶ 一体焊接房防护系统 / One-piece welding room protection system
- ▶ 电气控制系统 / Electrical control system



■ 产品优势 / PRODUCT ADVANTAGES

改变传统氩弧焊生产方式, 焊接速度快, 精度高, 焊后变形小, 外观美观, 焊缝无需后续处理。

Change the traditional argon arc welding production method, welding speed, high precision, small post-welding deformation, beautiful appearance, the weld does not require subsequent processing.



■ 产品优势 / PRODUCT ADVANTAGES

改变传统氩弧焊生产方式, 焊接速度快, 精度高, 焊后变形小, 外观美观, 焊缝无需后续处理。

Change the traditional argon arc welding production method, welding speed, high precision, small post-welding deformation, beautiful appearance, the weld does not require subsequent processing.

