

MINI series Handheld laser welding machine
MINI系列 手持式激光焊接机



产品介绍 PRODUCT
PRESENTATION

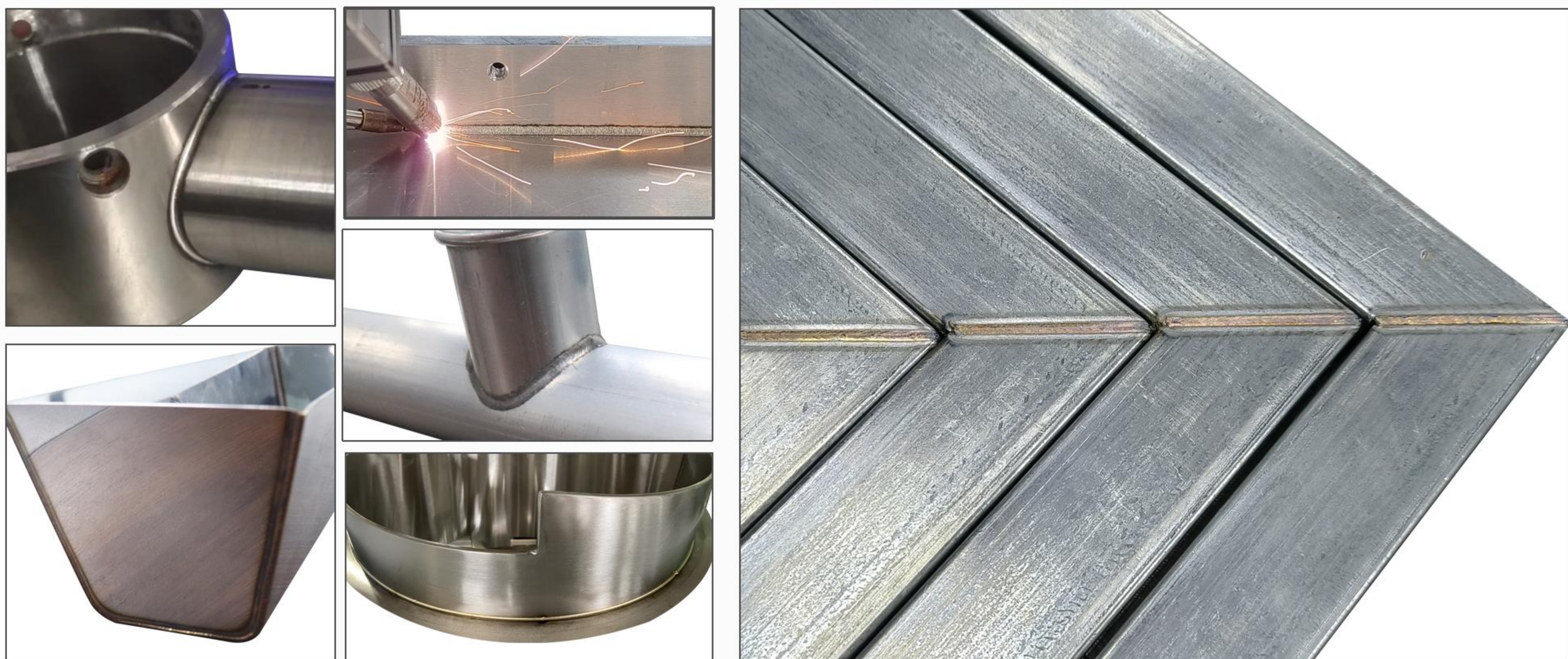
MINI系列手持激光焊接机具有小体积，大能量，操作简单，灵活方便，焊接速度快，可连续24小时工作，不锈钢，碳钢，镀锌板，铝，铜等金属皆可焊接，熔深可达5MM，方便户外安装，工厂移动焊接。可广泛应用于橱柜厨卫、楼梯电梯、货架、烤炉 不锈钢门窗护栏、配电箱、不锈钢家具等行业复杂不规则的焊接工序。

Mini series handheld laser welding machine has small volume, large energy, simple operation, flexible and convenient, fast welding speed,, can work continuously for 24 hours, stainless steel, carbon steel, galvanized sheet, aluminum, copper and other metals can be welded, the penetration can be up to 5mm, convenient outdoor installation, factory mobile welding. It can be widely used in the complex and irregular welding process of cabinet kitchen, stair elevator, shelves, stainless steel doors and Windows guardrail, distribution box, stainless steel furniture and other industries.

技术参数		
设备名称	MINI系列	BT系列
激光功率	1000W~2000W	1000W~3000W
重量	85KG	275KG
工作电压	220V	220V~380V
光纤长度	标配8M	标配10M
焊接厚度建议	0.5~6mm	0.5~8mm
激光波长	1070NM	
工作方式	连续/点焊	
焊机速度范围	0~120mm/s	
冷却水机	工业恒温水箱	
工作环境温度范围	15~35℃	
工作环境湿度范围	<70%无凝露	
焊接缝隙要求	≤1.2mm	
使用水	蒸馏水/纯净水	
焊接材料	不锈钢、碳钢、铁、铝、镀锌板等金属材料	
焊接气体可选	氩气、氮气	

Technical Parameters		
Device Name	MIN Series	BT Series
Laser power	1000W~2000W	1000W~3000W
Weight	85KG	275KG
Operating voltage	220V	220V~380V
Fiber length	Standard 8M	Standard 10M
Welding thickness recommendation	0.5~6mm	0.5~8mm
Laser wavelength	1070NM	
Working mode	Continuous/spot welding	
Welder speed range	0~120mm/s	
Cooling machine	Industrial thermostatic water tank	
Operating environment temperature range	15~35℃	
Working environment humidity range	<70% no condensation	
Welding seam requirement	≤1.2mm	
Type of water used	Distilled/purified water	
Welding material	Stainless steel, carbon steel, iron, aluminum, galvanized sheet and other	
Optional welding gas	Argon, nitrogen	

SAMPLE 样品图 DISPLAY



产品优势 PRODUCT SUPERIORITY

- 大能量** • 功率高达1000-6000W（可选），焊接厚度可达0.5-8MM；
- 高效率** • 是传统焊接效率的3-5倍；
- 省人工** • 单面焊接，双面成型；无焊渣，减少后续打磨工序；
- 更持久** • 可24小时连续工作，激光器使用寿命高达10万小时；
- 操作简单** • 零基础普工可直接上手，焊接不挑人。

Large energy: power up to 1000-6000W (optional),
welding thickness up to 0.5-8mm;

High efficiency: 3-5 times of traditional welding efficiency;

Save labor: single side welding, double side molding; No welding
slag, can reduce the subsequent grinding process;

More lasting: 24 hours continuous operation, laser service life up to 100,000 hours;

Simple operation: Zero - based ordinary workers can operate directly



产品应用 PRODUCT APPLICATION

- (A)钣金、机箱、水箱的激光焊接；
 - (B)各类五金灯饰激光焊接；
 - (C)门窗框架类激光焊接；
 - (D)厨卫、洗手盆五金激光密封焊接；
 - (E)广告牌、广告字激光焊接；
- 适用于大部分金属如：不锈钢，碳钢、钛金，镀锌板，铁皮，铝铜等材料。

- (A)Laser welding of sheet metal, chassis and water tank
 - (B)All kinds of hardware lighting laser welding;
 - (C)Laser welding of door and window frame;
 - (D)Laser sealing welding of kitchen, bathroom and washbasin hardware;
 - (E)Laser welding of billboards and advertising words;
- Suitable for most metals such as stainless steel, carbon steel, titanium, galvanized sheet, iron sheet, aluminum copper and other materials.

适用行业 APPLICABLE INDUSTRY

