

• Handheld •

LASER

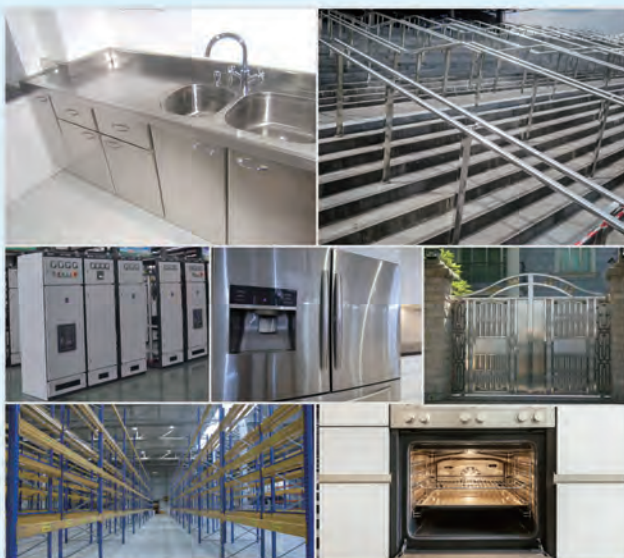
Welding Machine

FAST WELDING SPEED, STRONG AND BEAUTIFUL



Laser welding is a process in which a high-energy-density laser beam is used as a heat source to weld materials. In recent years, due to the continuous development of materials, process and technology, laser has been widely used in the welding and brazing of plastics, metals, etc., and in the automotive, sensor, electronics and other industries will continue to replace the traditional welding methods such as argon arc welding.

Project	Parameter
device	Handheld Laser Welding Machine
Laser power	500W、1000W、1500W
Laser wavelength	1070 NM
Fiber length	standard with 10M , max 15M
Way of working	Continuous / modulation
Welding speed	0~120 mm/s
water chiller	Industrial thermostatic water tank
Working temperature	15~35 °C
Working environment humidity	<70% non-condensing
Welding thickness recommendations	0.5-3mm
Welding gap requirements	≤0.5mm
Voltage	220 V /380V



Cabinet kitchen and bathroom, stair elevator, shelf, oven, stainless steel door and window guardrail, matching Electric box, stainless steel home products, etc.,

Handheld Laser Welding Machine

- ◆ The welding speed is fast, the weld seam is firm, smooth and beautiful, no secondary treatment is needed, saving time and cost.
- ◆ Hand-held welding head, simple and flexible operation, long welding distance and welding at any angle.
- ◆ The welding workpiece has no deformation, blackening, no welding trace, and the heat affected by the welding area is small.
- ◆ Laser welding has less consumables, longer life, safer and more environmentally friendly.