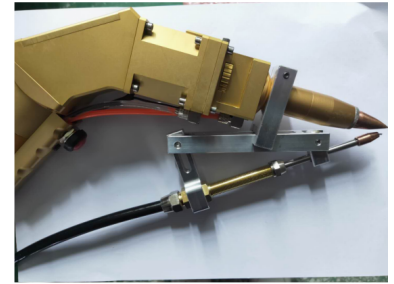


Handheld Laser Welding Machine

This handheld laser welding machine uses optical fiber to deliver the laser to the welding head, enabling versatile welding in various positions. It is designed as a replacement to traditional argon arc and electric welding processes for thin metal sheets.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Handheld Laser Welding

This handheld laser welding machine offers a significant leap in productivity, performing 2-10 times faster than traditional welding methods. Designed for precision and ease of use, it minimizes heat-affected zones to prevent workpiece deformation and blackening while ensuring deep, firm weld penetration. By reducing the need for highly skilled labor, this system helps optimize production costs and efficiency in industrial metal fabrication environments.

Performance Metrics

Speed Advantage

10 x

Max Speed Multiplier

Available Power Options

500W • 800W • 1000W • 1500W

Technical Specifications

Wire Feeding Compatibility

Laser Power	Wire Diameter
1000W	0.8 - 1.0mm
1500W	0.8 - 1.2mm

Fiber Cable Length	15 m
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Material Compatibility

Supported Materials	Stainless Steel, Galvanized Sheet, Iron Sheet, Brass, Aluminum
Material Thickness Range	0.4mm - 5.0mm

Warranty & Support

Warranty Coverage

- Laser Source: 2 Years
- Whole Machine: 1 Year
- Lifetime Maintenance Support