

# Portable Laser Welding Machine

This portable laser welding machine provides a versatile solution for different welding applications. Its compact design incorporates a user-friendly interface, ensuring precise and efficient welding across various materials and thicknesses.



## ADDITIONAL IMAGES



## Product Overview

### Professional Handheld Laser Welding Solution

This portable laser welding machine is designed for flexible, high-speed metal fabrication and repair. By utilizing a handheld welding head connected via optical fiber, it allows for welding on large or complex workpieces without the need for specialized worktables. It offers a cleaner, faster, and more precise alternative to traditional argon arc and electric welding methods.

## Performance & Efficiency

### Speed vs Traditional Welding

**10 x**

Max Speed Multiplier

### Key Advantages

No consumables, Minimal heat deformation, High weld strength, Deep penetration, Portable design

## Technical Capabilities

### Compatible Materials

- Thin stainless steel plate
- Iron plate
- Galvanized sheet
- Various metal alloys

### Weld Characteristics

Beautiful finish • No sag • Firm connection • Low heat affected zone

## Applications

### Suitable Industries

- Kitchen cabinetry
- Stair & elevator manufacturing
- Shelving & storage
- Oven manufacturing
- Stainless steel doors & window guardrails
- Distribution boxes
- Large machinery repair