

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