

DH-HLW-2000

Handheld Laser Welding System



DaHeng Handheld Laser Welding System enables dramatically faster welding, is easier to learn and operate, and provides higher-quality, consistent results across a wider range of materials and thickness than MIG or TIG with minimal distortion, undercut or burn-through. The heat affected zone is dramatically minimized, as is the need for traditional post-processing grinding or polishing for increased productivity, less scrap and lower cost-per-part. Besides welding function, the system also has cleaning function.

INCLUDES:

- Laser Device
- Handheld Laser Welding Gun
- Water Chiller
- Wire feeder
- User Manual

APPLICATION:

- Metal fabrication shops
- Auto body application
- Maintenance and repair
- Construction and piping
- Farm, furniture & appliances
- Aerospace & transportation



DaHeng Handheld Laser Welding System

High Speed	Up to 4X Faster than tradition methods, increased productivity for lower costs-per-part
High Quality	Consistent welding of thick, thin and reflective metals without distortion, undercut or burn-through-minimal heat affected zone
Wobble Welding	Up to 5mm of additional weld width
Weld Thickness	Stainless Steel, Carbon Steel, Aluminum: Up to 4mm
Laser Power	1000W, 1500W, 2000W
Dimension L×W×H	850×540×940mm

LHW-DH2000

HANDHELD LASER WELDING GUN



**Compact, ergonomic
and comfortable**

Light weight

Build in wobble functionality

Safely with 2-step triggers

NOZZLE TIPS



Easily changeable nozzle tips optimize joint types

WIRE FEEDER PACKAGE



This Wire Feeder Package includes all Necessary hardware and software to add a wire welding capability to the handheld laser system.

- **Used for welding of low carbon steel, stainless steel, aluminum, non-ferrous metals and other alloys**
- **Wire feeder nozzle attachment guides wire precisely to the weld pool**
- **2 Wire guide tips(0.8mm,1.0,1.2,1.6mm)**

WELDING SAMPLE

- **Weld seams and corners with minimal or no wire**
- **Internal Corner Welding**
- **External Corner Welding**
- **Lap Welding**



Safety Instructions:

Operators must wear personal equipment, including laser safety glasses, laser-resistant and heat resistant gloves, caps, leather apron and other laser-resistant and heat-resistant clothing.

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