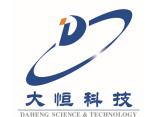
# **DH-HLW-2000**



# **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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