



## Lightweight Handheld Laser Welding Machine Carbon Steel Sheet

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: genuo
- Minimum Order Quantity: 1
- Price: negotiable
- Packaging Details: carton box
- Payment Terms: L/C, T/T, D/P, D/A



### Product Specification

- Product\_Name: GENUO Handheld Fiber Laser Welder
- Attributes: Lightweight, High, High, Welding, Intelligent Laser Welding Head, Lightweight, Compact Structure, Sheet Metal Cutting, Surface Heat Treatment, Home Appliance Manufacturing, Automobile Manufacturing, Etc., Stainless Steel Sheet, Carbon Steel Sheet, Other Metal Ma
- Highlight: **Lightweight Handheld Laser Welding Machine, Carbon Steel Sheet Handheld Laser Welding Machine**  
, Steel Sheet hand held laser welding machine

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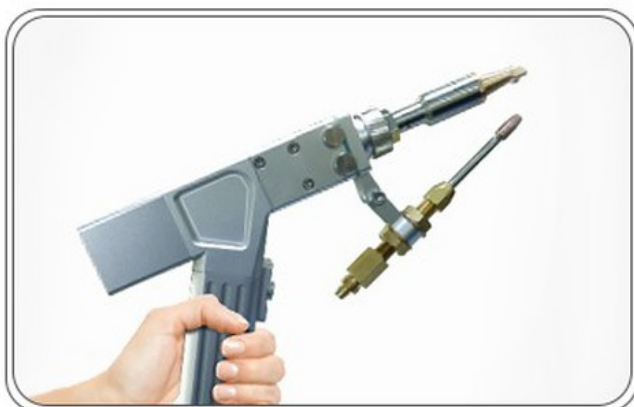
# GN-LW ● **HANDHELD** **LASER WELDER**

1000w 1500w 2000w



Standard Equipment	Optional Equipment
▲ Raycus or Max lasers source	▲ IPG lasers source
▲ Superlaser functional welding head	▲ Superlaser Laser cleaning head
▲ Touch LCD screen smart control system	▲ Welding and Cleaning control system
▲ Hanli automatic Water Chiller	▲ Double wire automatic wire feeder
▲ New generation Auto Wire Feeder	▲ Extended welding cable
▲ Schneider electrical components	▲ Fuselage in different colors and styles

## Products Description



### **1** Handheld Welding Gun

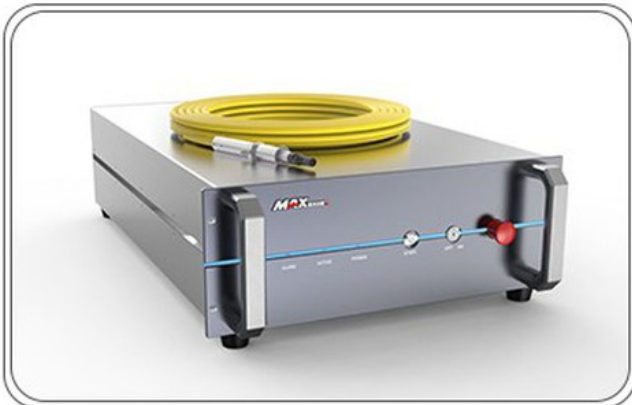
The hand-held welding torch is the main accessory of the machine. It is lightweight and easy to operate.

Different welding nozzles can be selected to suit different angles.



## 2 Operation / Switch Panel

Operation panel parameters are set clearly, at a glance, can easily adjust the welding Settings, easy to use and operate.



## 3 Fiber Laser Source

fiber optic laser source, provides high power output, energy stability, and the system is highly integrated and easy to maintain. With extremely long service life and higher energy density, it greatly improves efficiency and enables the machine to perform high-quality welding tasks.



## 4 Hanli Water Chiller

Equipped with cooling system, intelligent control, adaptive hot and cold double temperature adjustment to prevent overheating during long periods of use. It can maintain the quality of the machine, prolong the service life, high cooling rate,

adapt to more working environment.



## 5 Auto Wire Feeder

Automatic wire feeding device, effectively make up for the weld produced in the welding process, so that the welding bond is closer, and with casters, easy to carry, easy parameter adjustment, provide a variety of choices.



## 6 Solid fuselage structure

Strong shell, open on all sides, compact structure, simple maintenance, protect the machine from damage during transportation and storage, With roller, easy to implement.

Machine Characteristics

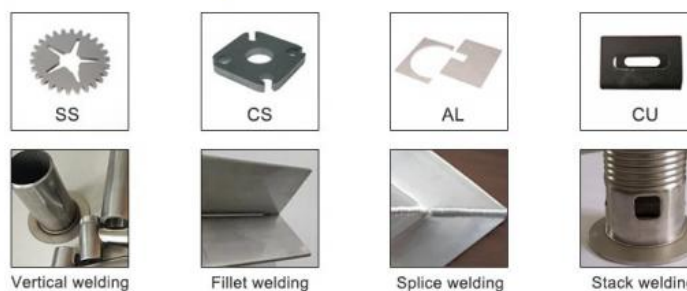


## Features

1. The laser beam has small focal spot and high density, and can weld some metal materials with high melting point and high strength;
2. Handheld laser welding has the advantages of simple and flexible operation, high photoelectric conversion rate, energy saving and environmental protection.
3. Handheld laser welding has small heat affected zone, small material deformation and no subsequent process treatment.
4. The hand-held laser welding machine has a variety of welding joints for different situations, which can facilitate the welding of any complex shape.
5. Handheld laser welding has the advantages of high production efficiency, stable and reliable processing quality and high economic benefit.

## Application

### Material Application



### Practical Application



### Scene Application



Hand-held Laser Welding Machine			
Laser power	GN-LW 1000W	GN-LW 1500W	GN-LW 2000W
Conduction type	fiber		
Output mode	Standard QBH		
Working mode	Continuous		
Laser wavelength	1080(±10)nm		
Penetration of Stainless Steel	0.5~3mm	0.5~4mm	0.5~6mm
Penetration of Mild Steel	0.5~3mm	0.5~4mm	0.5~6mm
Penetration of steel Galvanized	0.5~3mm	0.5~4mm	0.5~6mm
Penetration of Aluminum	0.5~3mm	0.5~4mm	0.5~6mm
Penetration of Nickel Alloys	0.5~2mm	0.5~3mm	0.5~5mm
Overall power	≤ 4KW	≤ 5KW	≤ 6KW
Output fiber oflength	15m		
Install power supply	AC220V/50Hz , AC110V/60Hz		
Machine weight	180KG		
Dimension (L*W*H)	1000x800x1200mm		

Hot Tags: hand-held laser welding machine, China, suppliers, manufacturers, factory, price, cost, cheap, for sale,



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