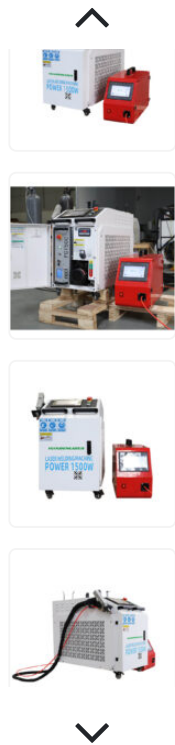




[Home](#) » [Products](#) » [Laser Welder](#) » 1500w Portable Laser Welding Machine



1500w Portable Laser Welding Machine

The portable type handheld Fiber laser welding machine combines the fundamental qualities of an ultra-portable device with uncompromising performance.

Category: Laser Machine>>Laser Welder

Response time: Within 1 hour

Supply Ability: 300 sets/month

Brand: iGOLDEN-CNC

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Description

Handheld Fiber Laser Welding Machine

Portable fiber laser welding machine adopts the latest generation of fiber laser and is equipped with self-developed wobble welding head, which fills the gap of handheld welding in the laser equipment industry. With the advantages of fast welding speed and no consumables, it can perfectly replace traditional argon arc welding, electric welding and other processes when welding thin stainless steel plates, iron plates, galvanized plates and other metal materials. [Handheld laser welding machine](#) can be widely used in complex and irregular welding processes in cabinet kitchen and bathroom, stair elevator, shelf, oven, stainless steel door and window guardrail, distribution box, stainless steel home and other industries.

Portable laser welding machine factory

iGOLDEN Laser is a [laser equipment manufacturer](#) integrating R&D, production, sales and service of laser equipment. We can customize laser equipment with different powers according to the actual needs of customers. We can also customize the model of laser welding equipment according to customer needs, and the price is also different according to different handheld laser power prices.



[Handheld Laser Welding Machine For Sale](#)

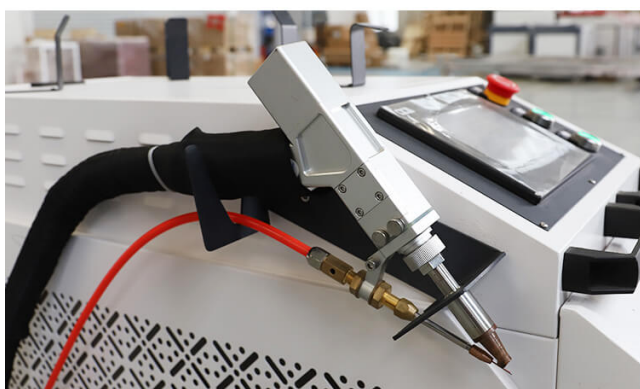
1500 Portable Laser Welding Machine - iGOLDENCN



handheld laser welding machine - iGOLDENCNC



1500w Laser Welding Machine Details



Laser Welding Machine Features

1. Better weld formability and high-quality spot welding
2. The fuselage and laser head have lower requirements for laser power
3. The allowable range of weld width shall be expanded, and the weld shall be beautiful without deformation
4. Excellent aluminum alloy bonding ability, high-quality processing repeatability and stability

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Handheld Portable Laser Welding Machine application

Hand-held laser welding machine, using infrared precise positioning, flexible and convenient, firm welding, no consumables, smooth and fine welding seam and not easy to deform, mainly for laser welding of long-distance and large workpieces, widely used in large and medium-sized sheet metal, cabinets, and chassis , Long-distance spot welding, full welding, continuous welding, sealing welding of inner corners, outer corners, and seams of large workpieces such as aluminum alloy door and window frames, stairs, elevators, and stainless steel furniture.

Laser welding can be applied to the welding of titanium, nickel, tin, zinc, copper, aluminum, chromium, niobium, gold, silver and other metals and their alloys, as well as steel, Kovar and other alloys of the same material. It can be applied to the welding of various dissimilar metals such as copper-nickel, nickel-titanium, copper-titanium, titanium-molybdenum, brass-copper, and low carbon steel-copper. At the same time, it is also widely used in industries such as mobile phone communications, electronic components, glasses and watches, jewelry, hardware products, precision equipment, medical equipment, auto parts, and craft gifts.





Working on Accessories



Working on Hardware



Working on Tools



Working on Parts



Working on tube



Working on Metal



Working on Stainless



Working on Steel

Hand Held Fiber Laser Welding Machine

Operating environment	
Model	1000W、1500W、2000W
Supply voltage	单相 220V/380±10%、50/60Hz 交流电
Working temperature	10°C ~ 40°C
Working environment humidity	≤80%
Optical parameters	
power instability	< 2%
Laser works	连续
Max. modulation frequency	20kHz
Beam quality (BPP)	> 6mm*mrad
Power adjustment range (%)	10%-100%(Gradient adjustable)
Fiber length	8m/10m
Cooling method	水冷
Continuous working time	24h
Welding head parameters	
Operation method	Hand held
Wobble parameter	Frequency: 0-100Hz, spot diameter: 0-5mm
Fiber interface	QBH
Protective lens	18*2mm
Max. supported air pressure	15bar
Focal length (mm)	120/150mm
Other	
Total Weight	9 0 Kg



Machine size	980 (L) *420 (W) *712 (H) mm
Packing size	1070 (L) *500 (W) *890 (H) mm

The machine adopts user-friendly design and upgraded technology, in comparison with traditional welding equipment, making welders working in more effective, safe, energy saving and environmental-friendly way. The welding speed is 3 to 10 times faster than ever while it comes in handy and greatly cover your budgets. iGOLDENlaser handheld welding machine – make welders love their jobs even more.

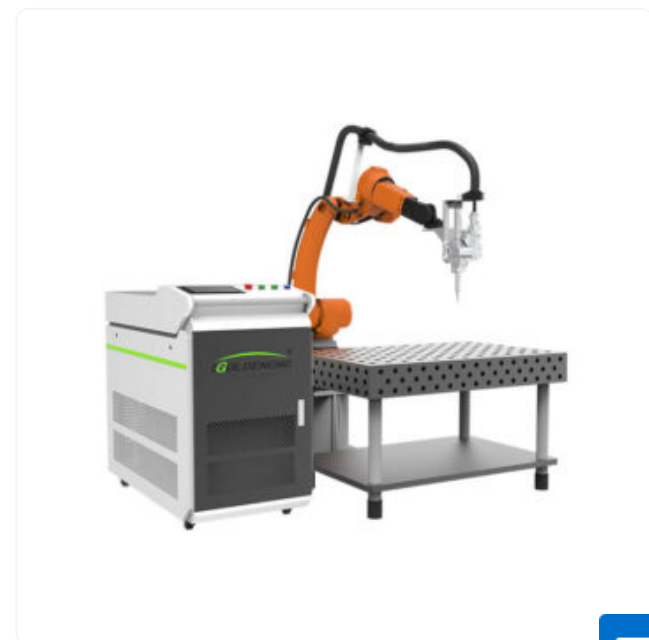
Handheld laser welder machines



1000w 1500w 2000w Laser Welding Machine for Sale



Automatic Laser Welding Machine Table From China Factory



Laser Welding Robot / Robotic Laser Welding Machine



3000w Handheld Fiber Laser Welding Machine

Handheld Continuous Fiber Welding Machine

The laser hand-held continuous [laser welding machine](#) has fast welding efficiency, compact machine and convenient operation, which greatly improves work efficiency. Compared with the current optical fiber transmission welding, it has higher electro-optical conversion efficiency, better beam quality, and less maintenance cost.

The laser welding machine adopts seamless welding, which is stronger and safer than spot welding to a certain extent. Because laser welding technology uses a polarizer to reflect the beam generated by the laser to focus on the focusing device, the focusing device generates a beam of large energy. If the laser beam is focused near the component, the component melts and



evaporates within a few milliseconds. This technique can be used in the welding process. The laser welding machine is characterized by small deformation of the welding part, almost no gap after welding, and the welding quality is higher than the traditional welding method, so the laser welding machine can achieve the effect of seamless welding.

FQA

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Laser Welding Machine Companies

iGOLDENCNC, as a professional laser machinery application solution supplier, covers flatbed fiber laser cutting machine, metal sheet and tube fiber laser cutter, metal tube fiber laser cutter, protective [fiber laser cutting machine](#), CO2 [laser engraving cutting machine](#), fiber [laser marking machine](#), CO2 laser marking machine, UV laser marking machine, handheld laser welding machine, [handheld laser cleaning machine](#) and so on.

Strict Quality Control System


Each machine needs to go through 13 inspection processes from order to delivery. Advanced testing equipment are used, such as: dynamic balance tester, CNC high precision machining machine, 3D measuring machine; iGOLDENCNC has established a complete and strict quality control system, which controls the product quality from raw materials, production, and delivery, including 48-hour running test and 72-hour aging test, to ensure the excellent quality of our machines.




IGOLDENCNC®

10⁺ More than 10 years of industry experience	150⁺ Cooperation with more than 150 countries	30000⁺ More than 30,000 square meters of workshop
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PRODUCT CATEGORIES

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 - > CNC Wood Router
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