

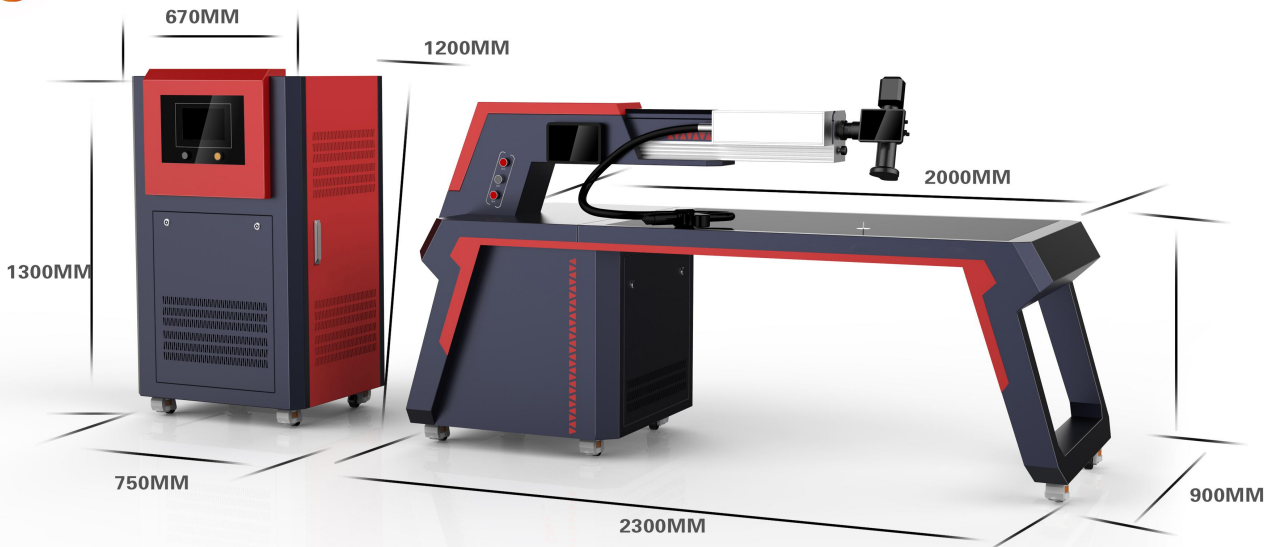
Hand-held Fiber Transmission Laser Welding Machine

Features

1. Marble working platform, to ensure that the bright face plate does not scratch.
2. Small thermal deformation and heat affected zone.
3. local heat treatment can be carried out on the metal word.
4. Processing without noise, no pollution to the environment.
5. Standard models and double light path optional hard light welding small, 5 meter long fiber welding with Chinese characters.
6. Suitable for all kinds of complex welds, spot welding of various devices.
7. High power, thick plate is easy to handle, to meet the needs of high-end customers.
8. Hand-held welding torch operation mode, can achieve arbitrary angle welding of any part of the workpiece.

Parameters

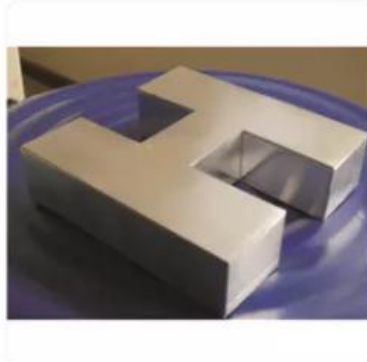
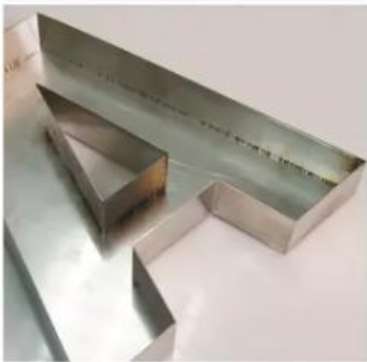
Product number	RL-YF460
Laser wavelength	1064nm
Maximum laser power	500W
Laser type	Nd:YAG
Pulse device	Xenon lamp
Pulse maximum laser energy	90J
Single pulse width	0.1 ~ 20.0ms
Pulse frequency	1 ~ 50Hz
Spot size	0.2~3.0mm
Fiber model	German SI/GI fiber
Number of fiber outputs	1 way (standard)
Fiber length	5 meters (standard, customizable)
Aiming and positioning	Red light (optional CCD)
cooling method	3P water cooling
Total power	16KW
power input	AC220~240V 50/60Hz
working desk size	2000*1000mm(Steel flower glass)



Application

Application in a variety of boutique words, precision words, mirror word, steel words, titanium words, galvanized sheet words, 3D aluminium words, stainless steel words, precision metal words, titanium plane words, titanium Gold words, seiko titanium, plane copper words, globe plane copper words, and so on. And such these advertisement word and all kinds of metal marking LED metal are being welded and formed.

Samples



FAQ

1. What are the main functions of the laser welding machine?

Mainly for the welding of metal advertising words to replace the traditional argon arc and soldering.

2. What are the advantages of laser welding?

Laser welding has no requirements for technicians, it is quick to get started, there is no heat deformation after welding, and it can be used without polishing and grinding.

3. What are the materials that the laser welding machine can weld?

The laser welding machine is mainly designed for the advertising industry. The materials that can be welded mainly include stainless steel, iron sheet, galvanized sheet, copper plate, aluminum alloy plate and other metal materials. For customers who use more aluminum and copper materials, 400W and above lasers are recommended. Welding machine model.

4. What are the consumables for laser welding machines?

The main consumables of the laser welding machine are laser xenon lamps, which have a service life of 8 million times. The calculation is about 5 hours per day, about 6-12 months. If you use less, replace it once every 1-2 years.