



1000W Optical Fiber Handheld Laser Welding Machine

Item Code: SIT-FP-WH1000-A



FOB Price: ???1 319 342/??????????

Mini Order: 1 ??????????

Shipping Weight: ★★★★★

Average Rating: 550.0lb (250kg)

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Overview

1000W Optical Fiber Handheld Laser Welding Machine

Description:

Fiber optical transmission laser welding machine is a laser welding equipment which couples the high energy laser beams into the optical fiber, after long-distance transmission, then transformed into parallel lights through collimating mirror to be focused on the work piece to implement the welding. The welding methods include vertical welding, parallel welding, stitch welding and so on.

Features:

- Easy operation, weld seam is not deformed.
- Fast speed, large depth, little deformation.
- High power density after laser focusing.
- Stable laser output, ensure welding consistency.
- Welding advantages.
- Smooth welds.
- Welding workpiece no deformation.
- Reduce subsequent grinding operations.

Save time and reduce cost.

Specification:

Model	FP-WH1000-A
Laser source	Raycus 1000w
Laser wave length	1080nm
Welding speed range	0-120mm/s
Welding gap	2mm(sus 304)
Welding width	0.3-5mm(adjustable)
Fiber length	L=10M/15M
Cooling way	Water chiller

Consumable	Nitrogen welding, output pressure 0.2Mpa
Environmental requirements	Temperature:5?-28?, Humidity:5%-75%
Total power	5.5KW
Voltage	220V/380V/50HZ

Application:

Laser welding can be used in welding stainless steel,aluminum,copper,gold,silver,chromium,nickel,titanium and other metals or alloys,can also be used for a variety of welding between different materials,such as:copper-brass,titanium-gold,Titanium-molybdenum,nickel-copper and so on.

Application Industry:

Rail transit,automobiles,construction machinery,agriculture and forestry machinery,electrical manufacturing,elevator manufacturing,household appliances,grain machinery,textile machinery,tool processing,petroleum machinery,food machinery, kitchen utensils,decorative advertising (especially metal word industry),sheet metal Processing,laser external processing services and other machinery manufacturing and processing industries.

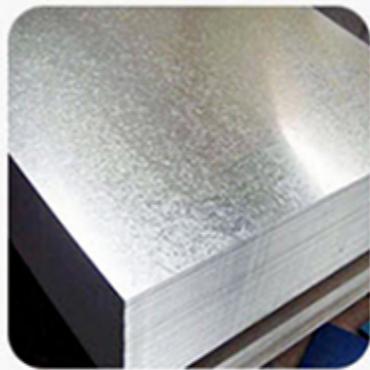
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HOTEL & KITCHEN EQUIPMENT



METAL FURNITURE & ART DECORATION



Galvanized sheet



Stainless steel



Sink



Ad word



Doors and windows



Aluminum alloy



Hardware crafts



Sheet metal box



Lighting hardware