



HH Engineering

Always Be Innovative!!

Manufacturers and service providers of following machines



Proposal For
Fiber Laser Handheld Welding Machine

- CNC Fiber Laser Cutting Machine
- CNC Bending Machine
- Laser welding Machine
- CNC Plasma and Oxyfuel Machine

Features

1. Laser Welding Function

a) Spot and Seam Welding

Fiber Laser Welding Machine is capable of doing Spot and Seam Welding Which is Very Convenient and make it all-in-one machine.

b) Uniform Weld Spot

The Spot Energy Distribution of Fiber Laser Welding Machine is Uniform and it has The Best Spot Needed for Welding Characteristics.

c) Suitable for all Kinds of Weld Seams

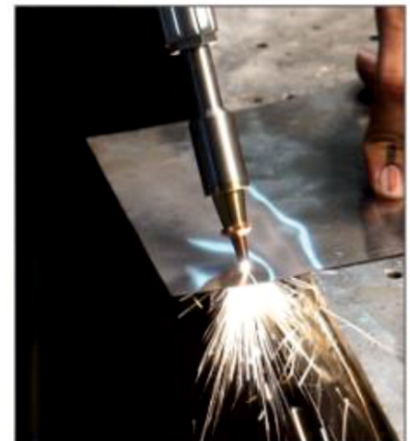
Fiber Laser Welding Machine Adapts to All Kinds of Complex Welds, Spot Welding on Various Devices and Welding Seams of Thin Plates Within 1mm. It Has Fast Welding Speed, Large Depth and Small Deformation.



Laser Welding

2. Laser Cutting Function

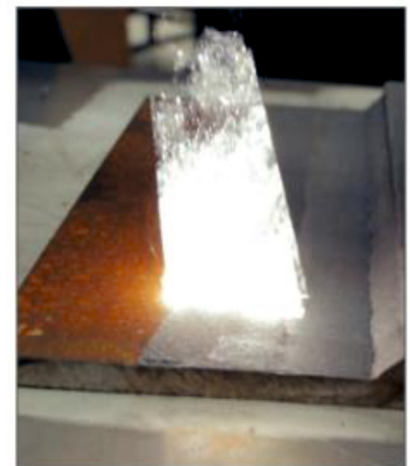
Hand-held Laser Cutting Machine is very easy to use in cutting function like traditional function cutting. It can cut in any shape and cut M.S., S.S., and Aluminium up to 2 to 4 mm.



Laser Cutting







3. Laser Cleaning Function

Fiber Laser Cleaning Function Is use to Remove Paint, Rust, Oil Content from the Surface of Metals, It can be used for pre and post weld cleaning. It is applicable in ship building industry, Auto Parts, Rubber Moulds, Tire moulds, Tracks, Environmental Protection and other industries



Laser Cleaning

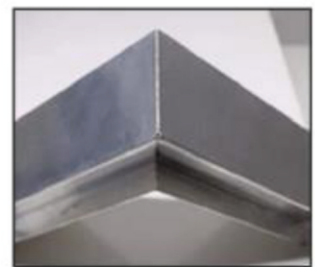
Product configuration List

Description	Image	Qty.	Remark
Fiber Laser Source		1 Set	1000W /1500W / 2000W / 3000W MAX/RAYCUS/IPG For 2 Year warranty
Laser Welding Head		1 Set	Raytools BW101GS SERIES
Water Chiller		1 Set	Independent water tank switch. Temp. control system
Touch Screen Controller		1 set	Raytools controller Including software
Safety Lock		1 Pcs	Protect the operator
Wire Feeder		1 Set	Raytools

Technical Specifications

Laser Power/Type	1500W Fiber Laser
Laser Frequency	50Hz5000Hz
Wavelength	1080±10nm
Welding Gun	Raytools Make
Welding Controller	Raytools (BW10GS)
Adjustable Power rate	10 To 100 %
Beam Quality	1.0 To 2.0 mm x mrad
Fiber Laser Source(4.5KW)	Maxphotonics MFSC 1500X
Consumable Part	Protection Lens, Focusing Lens, Nozzle
Torch Length	8 Meter
Cooling Method	Water Chiller
Total machine weight	200 kg
Power demand	220V 50Hz/380V 50Hz
Dimension(Length × Width × Height)	1065×690×1000mm

Laser Welding Sample Photos



Laser Cleaning Sample Photos



Laser Welding Consumables



Our Manufacturing Facility

Our state of art infrastructural facilities is spread across an area of 3000 square feet. We have installed various modern and sophisticated machines to deliver premium quality product to ensure a faster production process in a flawless manner. We even have warehouse facility at our premises where the stock is safely stored until the final dispatched in a well cleaned atmosphere. Our range of materials is mechanically handled and ensured there is no damage cost to our designs.

Quality Assurance

Quality is the hallmark of our organization as we fabricate and supply the most sophisticated packaging machines. Our Qualitative components are the result of usage of premium raw materials and strict vigilance of our quality auditors. Our quality auditors ensure the procurement of raw materials from the most established vendors they conduct quality checks at regular intervals and looks into the quality parameter from resourcing of raw materials tilthe delivery of our consignments to our clients. Along with our expert quality auditors, our manufacturing unit is housed with latest testing amenities that facilitates us to conduct and maintain stringent quality parameters. We judge the quality of our components on the following parameters:

- ñ Robustness
- ñ Designing
- ñ Operation
- ñ Accuracy
- ñ Corrosion resistance
- ñ Dimension

Fundamental Information

- › **Plant Location :** Block No. 19-20, Ichhapore Bus Stop No-2, Adajan Hazira Main Road, Ichhapore, Surat 394510.Gujarat,INDIA.
- › **GSTIN NO:** 24BLGPP5782A1Z5
- › **PAN NO:** BLGPP5782A
- › **BANK NAME:** Kotak Mahindra Bank
- › **ACCOUNT NO:** 8612065127
- › **IFSC NO:** KKBK0002854
- › **CONTACT NO:** +91 98794 81908 / +91 90204 89453
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