

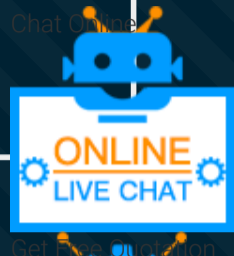


2022 Best Laser Welding Machine Manufacturer, Dealer, Supplier, Brand, Buying & Selling Affordable Laser Welding Machines at Cost Price, Offering 24/7 One-To-One Offline & Online Customer Service and Support.

Get Free Quote Now!

- Home
- CNC Machines**
- Applications
- CNC Videos
- Service & Support
- News & Events
- About Us
- Contact Us

# Automatic CNC Laser Welding Machine with Fiber Laser Source



STYLECNC » CNC Machines » Laser Welding Machine »



Top Searches: automatic welding machine laser welding machine laser welder fiber laser welder fiber laser welding machine

Laser Welding Machine



## CNC Automatic Fiber Laser Welding Machine for Sale at Affordable Price

Brand: STYLECNC  
 Model: LW1000A  
 Type: Laser Welding Machine  
 Views: 4032  
 Rating: ★★★★★ 4.9 /5 Based On 36 Votes  
 Sale Price: \$15800.00 / Set  
 Price Range: \$15800.00 to \$22800.00 / Set Based On The Features  
 Supply Ability: 100 Sets / Month In stock!  
 Payment Terms: T/T, Credit Cards, e-Checking, Alibaba Trade Assurance



- Send Email
- WhatsApp
- Add to Cart

### Product Introduction

### Customer Reviews & Testimonials

### Table of Contents

Looking for the best CNC laser welding machine for automatic welding projects & plans with your metal fabrication business? Review the top rated automatic laser welding machine with CNC controller and fiber laser generator. Now the CNC automated fiber laser welder for sale at affordable price.

### Demonstration Video

- Product Overview
- Product Introduction
- Related Products
- Video Tutorials & Instructional Videos
- Free DIY Projects & Plans
- User Manuals & Instructions
- Customer Reviews & Testimonials





## Product Details

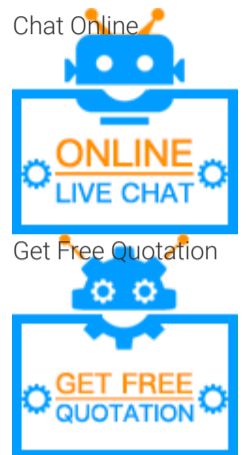


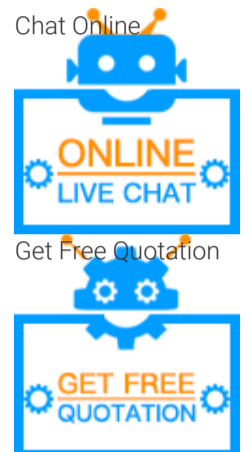
### What Is Automatic Laser Welding Machine?

Automatic laser welding machine is a type of computer numerical controlled laser welder to do automatic or semi-automatic butt welding, sealing welding, spot welding, overlap welding, and realize the welding of complex plane straight lines, arcs and arbitrary trajectories.

An automated laser welding machine with CNC controller is mainly used in cell phone batteries, jewelry, electronic components, sensors, watches, precision machinery, communications, handicrafts, high-end cabinets, elevator accessories, stainless steel door handles, high-end furniture, stainless steel hip flasks and other industries.

An automatic laser welder can realize laser welding between carbon steel, alloy steel, stainless steel and other different steels, as well as stainless steel-nickel alloy, nickel electrode-cold forged steel, bimetallic strips with different nickel content, titanium, nickel, tin, copper, aluminum, Welding between chromium, niobium, gold, silver and other metals and their alloy materials. In addition, it can also realize the welding between copper-nickel, nickel-titanium, copper-titanium, titanium-molybdenum, brass-copper, carbon steel-copper and other dissimilar metals.





## Features & Advantages of Automatic Laser Welding Machine with Fiber Laser Generator

Automatic fiber laser welding machine has features and advantages of simple operation, beautiful welding seam, fast welding speed and no consumables. It can perfectly replace the traditional argon arc welding and electric welding.



1. Perfect substitute argon welding and electric welding in thin metal welding, like stainless steel, carbon steel, aluminum.
2. The automated laser welder can continuously and stably work for 24 hours to meet the needs of industrial mass production and manufacturing.
3. Light weight, small size, ergonomic design for handling comfort.
4. Controlled by PC, special software assisted, easy to learn, the workpiece can be used for plane trajectory movement, welding any point, straight line, circle, square or any plane graphic composed of straight line and arc.
5. The internal structure of the welding head is completely sealed to avoid dust contamination of the optical part.
6. Excellent laser beam quality, fast welding speed, the welding joint is firm and beautiful, we provide efficient welding project to the user.
7. High electro-optic conversion rate, low energy consumption, no consumables, small volume, Can save a lot of processing cost for users after long term use.
8. CCD liquid crystal monitoring and observation system, can clearly observe product positioning and welding effect according to red light indication.
9. Nice welding seam, high speed, no welding trace, no color change, no need later polishing.
10. Fiber output, can be equipped with robot or assembly line.

11. We have strong ability to customize special models for our customers, and can be customized according to customer needs.
12. The welding line is fine, the welding depth is large, the taper is small, the precision is high; the appearance is smooth, flat and beautiful.
13. Multi-language display to support international applications.
14. The swaying welding head has a strong advantage in high-reflective material welding, wide range of application, it is very cost effective.
15. The welding head adopts motor-driven X- and Y-axis vibrating lenses, it has various swing modes and able to work on irregular shapes, larger welding spot and other processing parameters setting can improve markedly in welding quality.
16. The protective lens has a drawer structure and is easy to replace. It can be equipped with various QBH connector laser sources.
17. The welding head is equipped with air curtain components to reduce contamination of dust and splash residues.
18. Strong anti-jamming, configuration 1000W-2000W laser source.

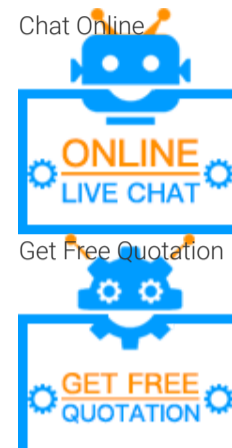
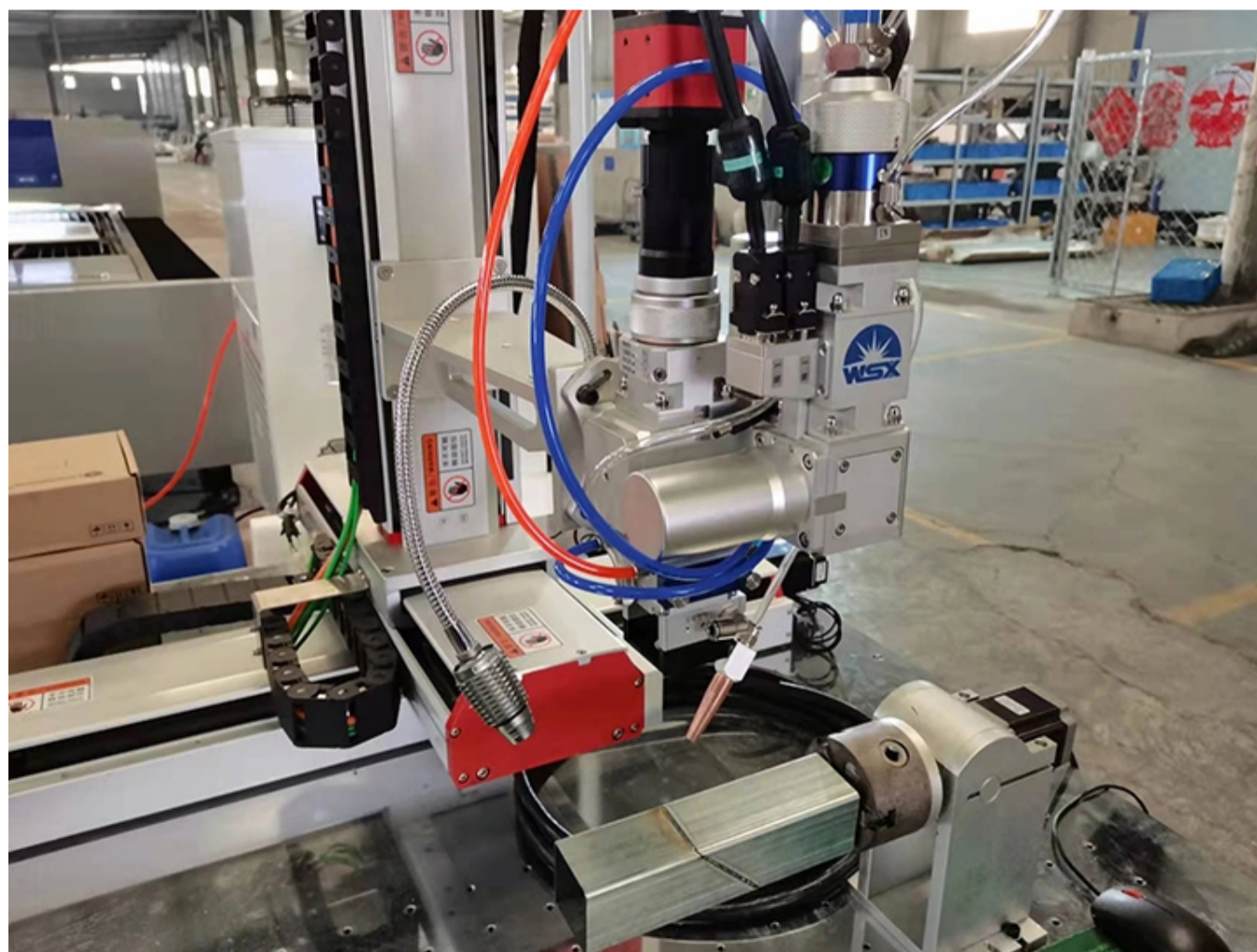
### Technical Parameter of Automatic Laser Welding Machine with Fiber Laser Generator

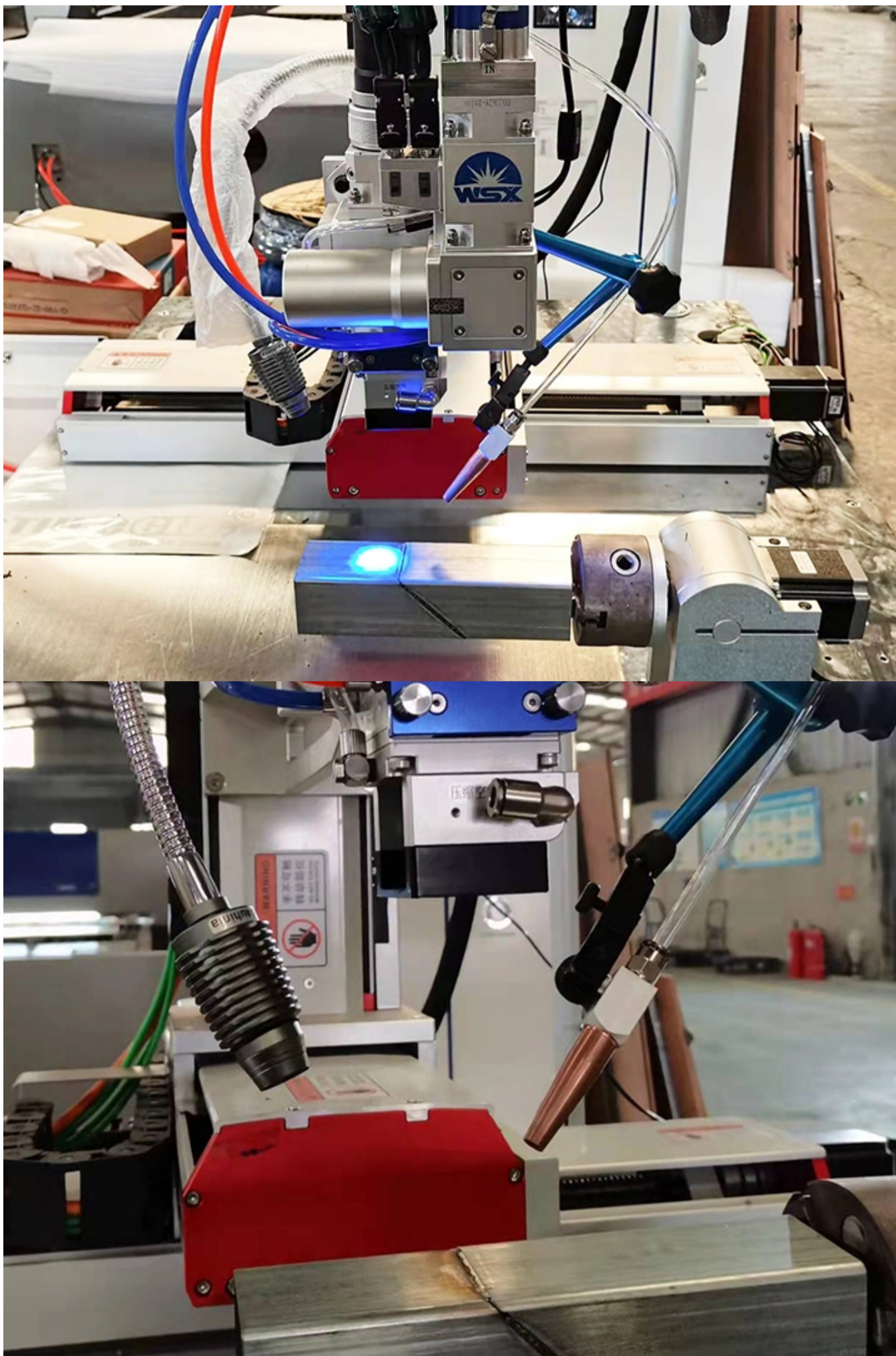
Model	LW1000A	LW1500A	LW2000A
laser Power	1000W	1500W	2000W
Welding Depth	SS≤2.5mmAluminum≤1.5mm	SS≤3.5mmAluminum≤2mm	SS≤5mmAluminum≤3mm
laser Wavelength	1080±10nm		
Fiber Length	10m		
Working Table	500*300*300mm		
Pulse Width	Continuous		
Collimation	CCD		
Driving System	Ballscrew+servo system		
Cooling Chiller	Industrial water chiller		
Working Voltage	220V/ 2P or 380V/3P		

### Details of Automated Laser Welding Machine with Fiber Laser Generator


#### Wobble Laser Welding Head

Beautiful weld, fast speed, no weld marks, no discoloration, no later polishing.






Chat Online



ONLINE  
LIVE CHAT

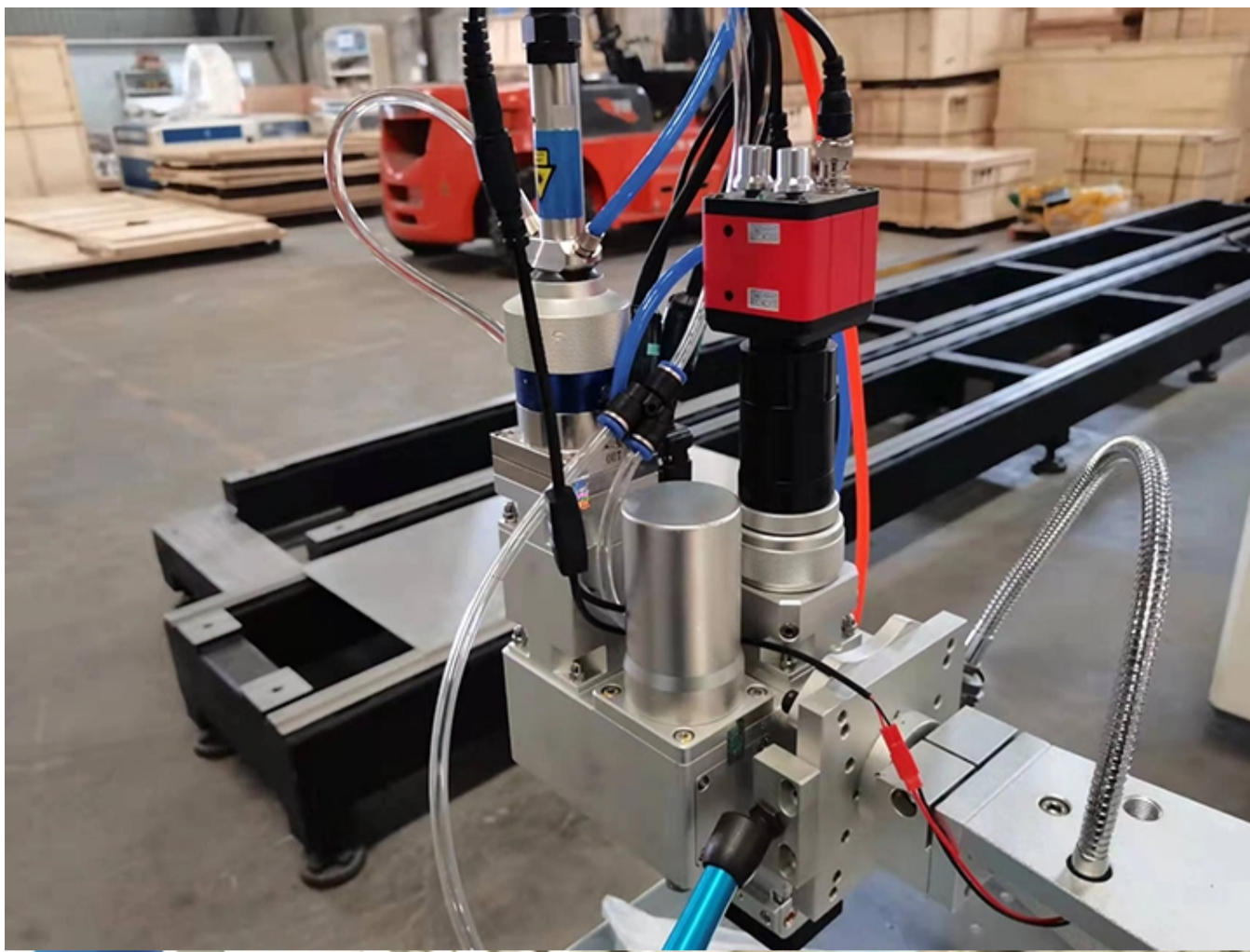
Get Free Quotation



GET FREE  
QUOTATION

**CCD Camera**

CCD camera with blue light lamp, achieve the welding piece visible.




**JPT Fiber Laser Generator**

The best brand laser source.

Long service life, low failure rate, anti-reflection.


Interactive control system makes the light spot larger, the welding seam better formed.

Chat Online



ONLINE  
LIVE CHAT


Get Free Quotation



GET FREE  
QUOTATION




Chat Online



ONLINE LIVE CHAT

Get Free Quotation



GET FREE QUOTATION

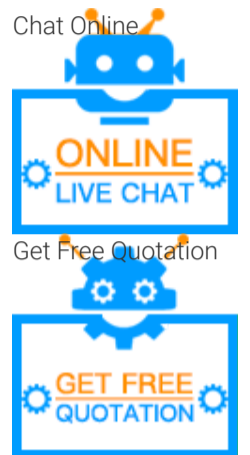
### CNC Controller

Easy operation, low requirements for operator.



### X, Y, Z Axis Rails

With the function of moving up and down, it can weld irregular products, and the Z axis has brake function.



### Water Chiller

It help to cooling the laser head.

The power chosen based on the laser source power.



### Applications of Automatic Laser Welder with Fiber Laser Generator

Automatic fiber laser welder is widely used in automobile manufacturing industry, lithium battery industry, pillow plate head exchanger, machinery manufacturing industry, furniture industry, sheet metal fabrication industry, power battery, electronic communication industry, metal connectors, kitchen and bathroom electrical equipment, mobile phone accessories (medium plate, nut), hardware, structural parts, automotive parts, medical equipment, and more precision




parts. Automatic fiber laser welder is suitable for continuous welding of various metals like stainless steel, carbon steel, aluminum, copper, titanium.

### Automatic Fiber Laser Welding Machine Projects




Chat Online



ONLINE  
LIVE CHAT

Get Free Quotation



GET FREE  
QUOTATION

International Shipping Around the World

All the CNC laser machines can be shipped worldwide by sea, by air or by international express logistics via DHL, FEDEX, UPS. You are welcome to [get a free quotation](#) by filling up the form with name, email, detailed address, product and requirements, we will shortly contact you with the full information including the most suitable delivery method (fast, secure, discreet) and freight.

License: The text of "Automatic CNC Laser Welding Machine with Fiber Laser Source" by STYLECNC is licensed under a Creative Commons Attribution 4.0 International License.

- Previous: 2022 Best 3D Industrial Fiber Laser Welding Robot for Sale
- Next: 3-In-1 Handheld Laser Welding, Cleaning, Cutting Machine

### Related Products

Previous Next

**3-In-1 Handheld Laser Welding, Cleaning, Cutting Machine**

**2022 Best Handheld Fiber Laser Welding Machine for Sale**

**2022 Best 3D Industrial Fiber Laser Welding Robot for Sale**

### Video Tutorials & Instructional Videos

Previous Next

**Laser Welding Machine for Square Stainless Steel Tube**

**Handled Laser Welding Machine for Steel, Brass, Aluminum**

**How To Use Handheld Laser Welding Machine?**

### Free DIY Projects & Plans

Previous Next

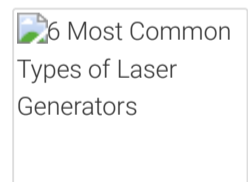
**Handheld Laser Welding Metal Tube Projects**

**Industrial Laser Welding Machine Projects**

**Micro Laser Welding for Jewelry**

### User Manuals & Instructions

#### 6 Most Common Types of Laser Generators



Jun 02, 2022

In this article, you'll understand 6 most common laser generators, source, and systems: solid-state, gas, dye, Diode, fiber, and free electron laser generators.

- Laser Beam Welding VS Plasma Arc Welding
- 15 Benefits of Laser Welding Machine
- 2022 Best Handheld Fiber Laser Welding Machine in USA
- 3D Robotic Laser Welding Machine in Aerospace Welding
- Industrial Fiber Laser Welding Robots in Auto Manufacturing
- A Guide to Handheld Laser Welder Safety
- A Guide to Laser Welding Basics
- How Does A Laser Welder Work?
- 12 Most Common Types of Welding Machines in 2022

### Post A Review

★★★★★ 4.9 out of 5 stars **Good** (36 votes)

Chat Online

Get Free Quotation

Empty text input field for comments.

Name:  Captcha:  HTQH  Anonymous?

### Customer Reviews and Testimonials



**Kenneth Hass from United States**

Posted on Nov 17, 2021

I've only done gas and TIG before so this was a new experience. Best laser welders with automatic CNC controller I have ever had. It's been about 5 years since I have picked up a welder, and I was welding some of the best welds I have done in my life.

[See All Reviews](#)

Chat Online



ONLINE LIVE CHAT

Get Free Quotation



GET FREE QUOTATION

Looking For Profitable CNC Machines To Start & Grow Your Business? Feel Free To Tell Us, You Will Get Custom Solutions To Perform Your Personalized Plans & Ideas.



Copyright © 2003 - 2022 Jinan Style Machinery Co.,Ltd (STYLECNC)  
 Get Answers to Your Questions About CNC Machines or a Quote, Call or Email us.  
 Email: [export@stylecnc.com](mailto:export@stylecnc.com) Tel: +86-531-83161518 Mob/Whatsapp: +86-18766148818  
 Postal Code: 250131 | Official Website: [www.stylecnc.com](http://www.stylecnc.com) | Open 24 Hours Monday - Saturday  
 Located at: Rongsheng Times International, 16F, Building A, 9 Beiyuan St, Jinan, Shandong, China  
 Web Indexing: [A](#)[B](#)[C](#)[D](#)[E](#)[F](#)[G](#)[H](#)[I](#)[J](#)[K](#)[L](#)[M](#)[N](#)[O](#)[P](#)[Q](#)[R](#)[S](#)[T](#)[U](#)[V](#)[W](#)[X](#)[Y](#)[Z](#)

**2022 Best  
 CNC Machine  
 Manufacturer  
 In The World**