



Position: Home / Products / Laser Welding Machine / Automatic Laser Welding Machine / Automatic Fiber Laser Welding Machine



Automatic Fiber Laser Welding Machine

Automatic fiber laser welding machine is widely applied to aerospace, rail transit, 5G communication, kitchen and bathroom hardware, sheet metal parts, precision instruments, auto parts and other precision industries.

SEND INQUIRY



Product Category

Laser Welding Machine

Handheld Laser Welding Machine

Automatic Laser Welding Machine

Laser Marking Machine

Contact Us

+86 138 5759 5960

innovationlaser@chuangxinlaser.com

Building 1, Wanli Science and Technology Innovation Industrial Park, 104 National Road, Dongguan Street, Shangyu District, Shaoxing City, Zhejiang Province, China

Product Details

System composition:

Automatic fiber laser welding machine (optional 1000W, 1500W, 2000W, 3000W, 4000W, 6000W and etc.), six-axis robot, swing welding joint can complete any space trajectory, and can be used with CCD monitoring system to observe the welding process in real time.

	CS1500	CS2000	CS3000	CS6000
Maximum laser power	1500W	2000W	3000W	6000W
Laser working medium	Rare earth doped fiber	Rare earth doped fiber	Rare earth doped fiber	Rare earth doped fiber
Laser wavelength	1070±10nm	1070±10nm	1070±10nm	1070±10nm
Number of optical fiber output	1 line	1 line	1 line	1 line
Welding depth	0.2-2.8mm	0.2-3mm	0.2-4mm	0.2-6mm
Laser power	5kw	6kw	9kw	18kw
Voltage input	220v	380v	380v	380v
Cooling mode	water-cooling	water-cooling	water-cooling	water-cooling
Optical fiber interface model	QBH	QBH	QBH	QBH
Fiber length	10/15m	10/15m	10/15m	10/15m
Fiber diameter	50um/100um	50um/100um	50um/100um	50um/100um

Operation mode:

Manual loading and unloading, can also cooperate with automatic production line, automatic welding.

Scope of application:

Aerospace, rail transit, 5G communication, kitchen and bathroom hardware, sheet metal parts, precision instruments, auto parts and other precision industries.

Six-axis robot:

Six axis rotation can complete any trajectory and attitude in space. It has the advantages of stable and reliable operation, long service life, fast movement speed, high positioning accuracy and high repetition accuracy. The program is flexible and highly automated. Large welding range.

Electricity demand:

220/380VAC, 50/60Hz

**System composition:**

Automatic fiber laser welding machine (optional 1000W, 1500W, 2000W, 3000W, 4000W, 6000W and etc.), six-axis robot, swing welding joint can complete any space trajectory, and can be used with CCD monitoring system to observe the welding process in real time.

	CS1500	CS2000	CS3000	CS6000
Maximum laser power	1500W	2000W	3000W	6000W
Laser working medium	Rare earth doped fiber	Rare earth doped fiber	Rare earth doped fiber	Rare earth doped fiber
Laser wavelength	1070±10nm	1070±10nm	1070±10nm	1070±10nm
Number of optical fiber output	1 line	1 line	1 line	1 line
Welding depth	0.2-2.8mm	0.2-3mm	0.2-4mm	0.2-6mm
Laser power	5kw	6kw	9kw	18kw
Voltage input	220v	380v	380v	380v
Cooling mode	water-cooling	water-cooling	water-cooling	water-cooling
Optical fiber interface model	QBH	QBH	QBH	QBH
Fiber length	10/15m	10/15m	10/15m	10/15m
Fiber diameter	50um/100um	50um/100um	50um/100um	50um/100um

Operation mode:

Manual loading and unloading, can also cooperate with automatic production line, automatic welding.

Scope of application:

Aerospace, rail transit, 5G communication, kitchen and bathroom hardware, sheet metal parts, precision instruments, auto parts and other precision industries.

Six-axis robot:

Six axis rotation can complete any trajectory and attitude in space. It has the advantages of stable and reliable operation, long service life, fast movement speed, high positioning accuracy and high repetition accuracy. The program is flexible and highly automated. Large welding range.

Electricity demand:

220/380VAC, 50/60Hz

 **创新激光**
INNOVATION LASER



FAQ

Q: What's is your shipping service?

A: We can provide services for vessel booking, goods consolidation, customs declaration, shipping documents preparation and delivery bulk at the shipping port.

Q: What's your after-sale service?

A: Our quality warranty period is one year. Any quality problem will be solved to customer satisfactions.

Q: Can we get some samples? Any charges?

Yes, free existing labels from our automatic fiber laser welding machine, but you need to pay shipping cost.

Q: What's is your shipping service?

A: We can provide services for vessel booking, goods consolidation, customs declaration, shipping documents preparation and delivery bulk at the shipping port.

Q: What's your after-sale service?

A: Our quality warranty period is one year. Any quality problem will be solved to customer satisfactions.

Q: Can we get some samples? Any charges?

Yes, free existing labels from our automatic fiber laser welding machine, but you need to pay shipping cost.

Previous: No More Data

Next: 1500w automatic Laser Welding Machine

Related Products



Automatic Fiber Laser Welding Machine



1500w automatic Laser Welding Machine



Three Axis Automatic Laser Welding Machine



2000w Laser Welding Machine

Contact Us

* Name Phone

* E-mail Address

* Message

Submit



SEND INQUIRY



Find the product you want here.



QUICK NAVIGATION

[Home](#)

[Products](#)

[About Us](#)

[News](#)

[Service](#)

[Contact Us](#)

PRODUCTS

[Handheld Laser Welding Machine](#)

[Automatic Laser Welding Machine](#)

[Laser Marking Machine](#)

CONTACT US

Email: innovationlaser@chuangxinlaser.com

Phone: +86 138 5759 5960



Address:Building 1, Wanli Science and Technology Innovation Industrial Park, 104 National Road, Dongguan Street, Shangyu District, Shaoxing City, Zhejiang Province, China

[Privacy Policy](#) | [Terms And Conditions](#)

Copyright © 2013-2022 Zhejiang Innovation Laser Equipment Co., Ltd.

