



Riselaser

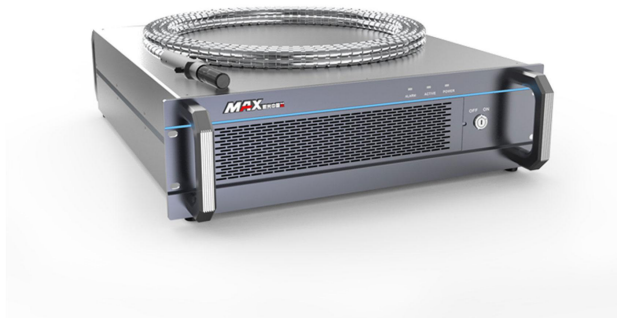
深圳市华升激光科技有限公司

SHENZHEN RISELASER TECHNOLOGY CO., LTD

300W Maxphotonics Single-Module CW Fiber Laser Source

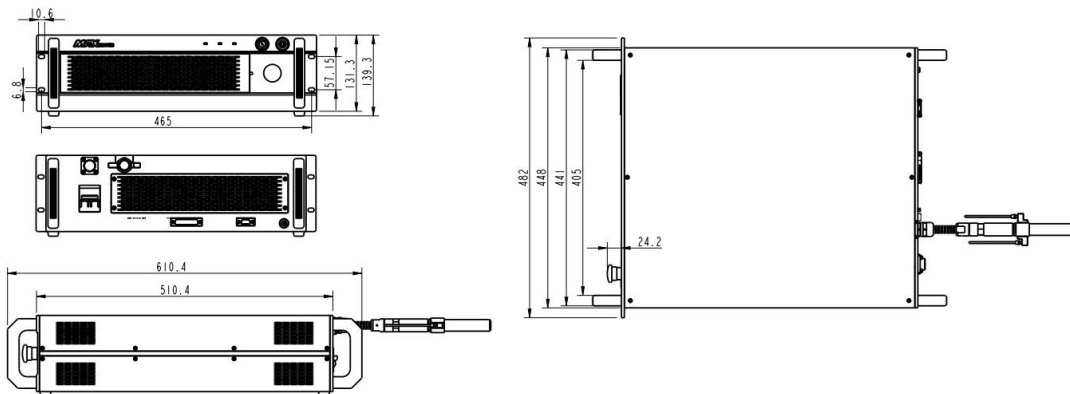


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Product Details

This 300W single-module continuous wave fiber laser is based on a modular design, with excellent beam quality, high stability, compact structure, air cooling, and continuous adjustment. The beam is transmitted through optical fiber and QBH connector. It is very suitable for system integration with robots or machine tools, and is widely used for 3D printing, laser cutting, welding, etc.



Advantages

1. Up to 6KW Output From CW Single Module Series:
 - Better beam quality vs. multi module lasers
 - Greatly improved efficiency
2. Excellent Material Processing Performance
 - High speed in thin sheet cutting
 - Strong capability in thick material processing

E-mail: sales@riselaser.com

Website: www.riselaser.com www.shdlaser.com

Address: Building 5, COFCO (Fuan) Robot Intelligent Manufacturing Industrial Park, No. 90 Dayang Road, Fuhai Street, Bao'an District, Shenzhen, China, 518103



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3.Compact Design, Maintenance Free

Highly integrated system with modular design

Easy maintenance significantly reduce TCO

4.Smaller Size with Higher Stability

>60% reduction in volume

Higher flexibility when integrated in to system

5.High Level Vertical Integration

All key components are designed and produced in house

Strict quality control, high consistency and reliability

Parameters

Model	MFSC-300W
OPTICAL SPECIFICATIONS	
Nominal Power 300W	Mode of Operation CW/Modulated
Polarization	Random
Power Tunability	10 to 100%
Wavelength	1080 ± 10 nm
Power Stability	±1 %
Laser Beam Quality	M ² 1.1 to 1.2
Modulation Frequency	20~50kHz
Preview Red Light Power	150μW
FIBER DELIVERY SYSTEM	
Interface	QCS/QBH(LOC)
Length	2m standard, other lengths optional
Diameter	20(25/30/50) μm
Bending Radius	200 mm
ELECTRICAL RATINGS	
Supply Voltage	220VAC (-15% to +10%) Single-phase
OTHER SPECIFICATIONS	
Operating Temperature	0 to +35°C
Storage Temperature	-10 to +60°C
Humidity	10 to 90%
Cooling Method	Air Cooling
Dimension	482×610.4×139.3 mm
Weight	26 kg

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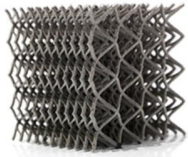
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Application & Samples

Electronic communication industry; Sheet metal processing; Building materials derusting; Jewelry restoration; 3C product processing; As well as 3D printing



Metal 3D Printing



Metal 3D Printing



Metal 3D Printing



Metal 3D Printing

Certifications



FAQ

Q1: Are you a factory or a trade company ?

A1: We are manufacturing laser machines and we provide perfect OEM and after-sale service.

Q2: How about the machine guarantee?

A2: We generally offer you 1 year guarantee.

Q3: How can I use the machine, if I'm a new buyer?

A3: We will deliver English manual and video with the machine to you. If you still need our help, please contact us.

Q4: How can I know your machine is designed for my product?

A4: You can send us samples and we test it on the machine.

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