

MFSC 200W/300L

Single Module CW Fiber Laser
(Air Cooling)



Product Feature



Up to 6KW Output From CW Single Module Series

Better beam quality vs. multi module lasers
Greatly improved efficiency



Excellent Material Processing Performance

High speed in thin sheet cutting
Strong capability in thick material processing



Compact Design, Maintenance Free

Highly integrated system with modular design
Easy maintenance significantly reduce TCO



Smaller Size with Higher Stability

>60% reduction in volume
Higher flexibility when integrated in to system



High Level Vertical Integration

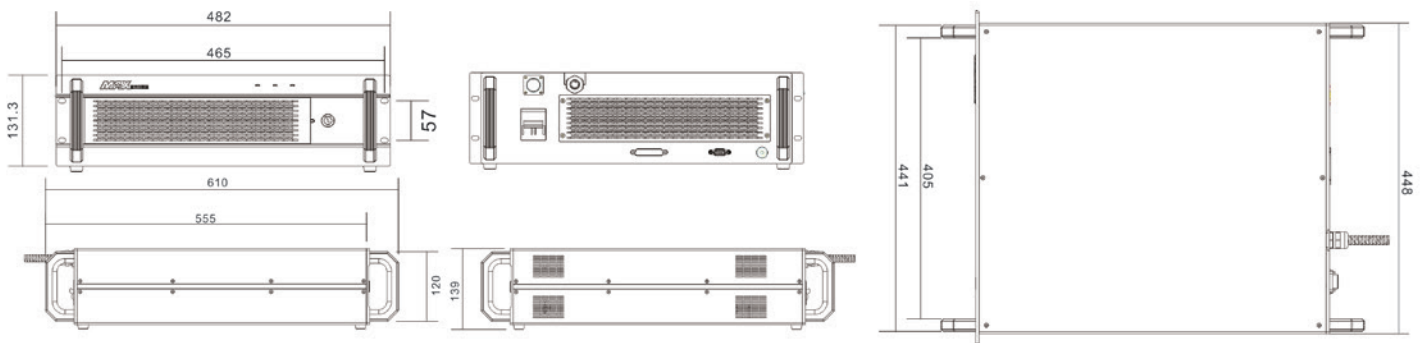
All key components are designed and produced in house
Strict quality control, high consistency and reliability

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MFSC 200W/300L Fiber Laser Specifications

Models	MFSC-200W	MFSC-300L
OPTICAL SPECIFICATIONS		
Nominal Power	200W	250W
Mode of Operation	CW/Modulated	
Polarization	Random	
Power Tunability	10 to 100%	
Wavelength	1080 ± 5 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	10m 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	482.6×595×177 mm	
Weight	35 kg	

Mechanical Specifications (mm)



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