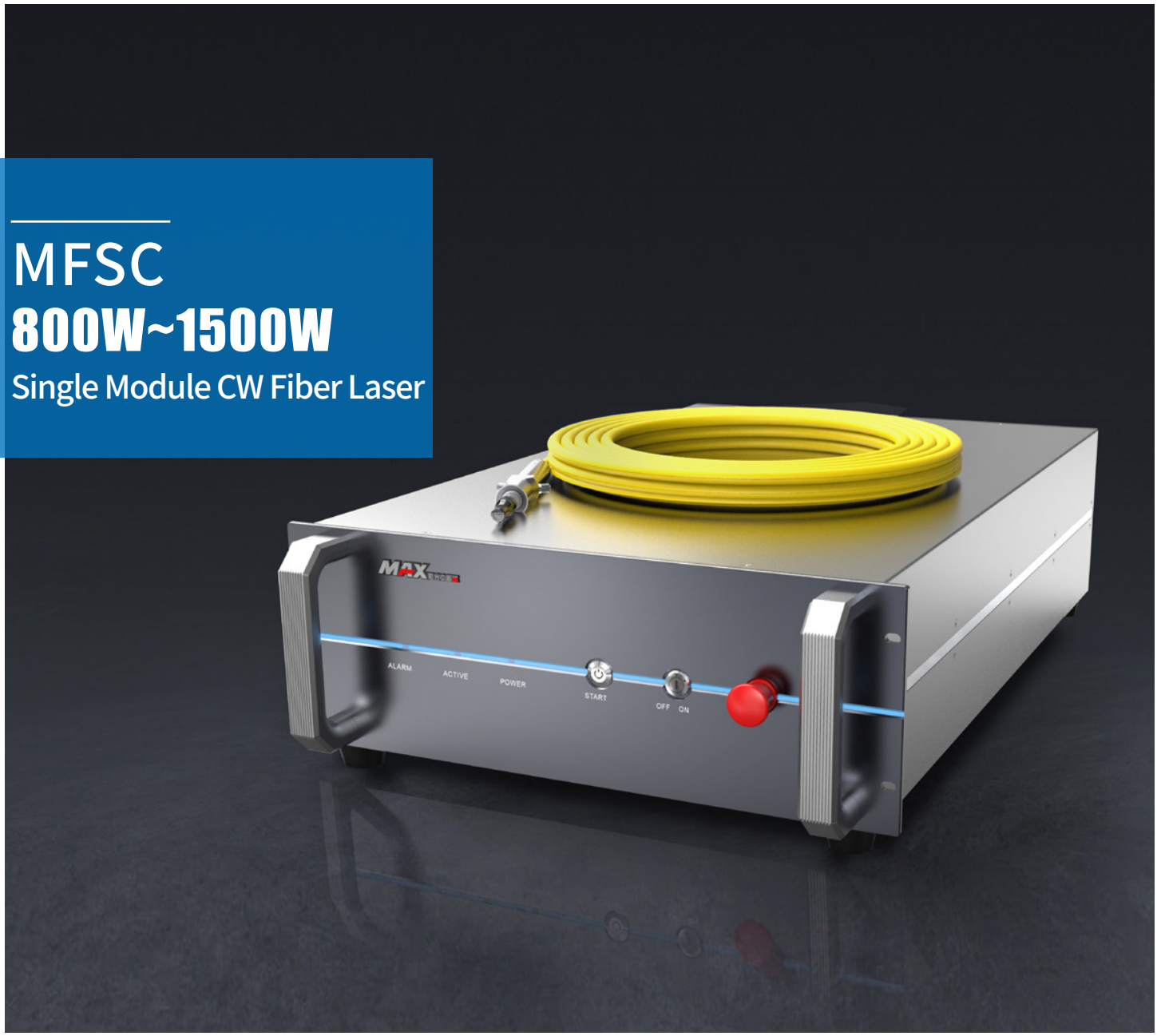
MFSC
800W~1500W
Single Module CW Fiber Laser



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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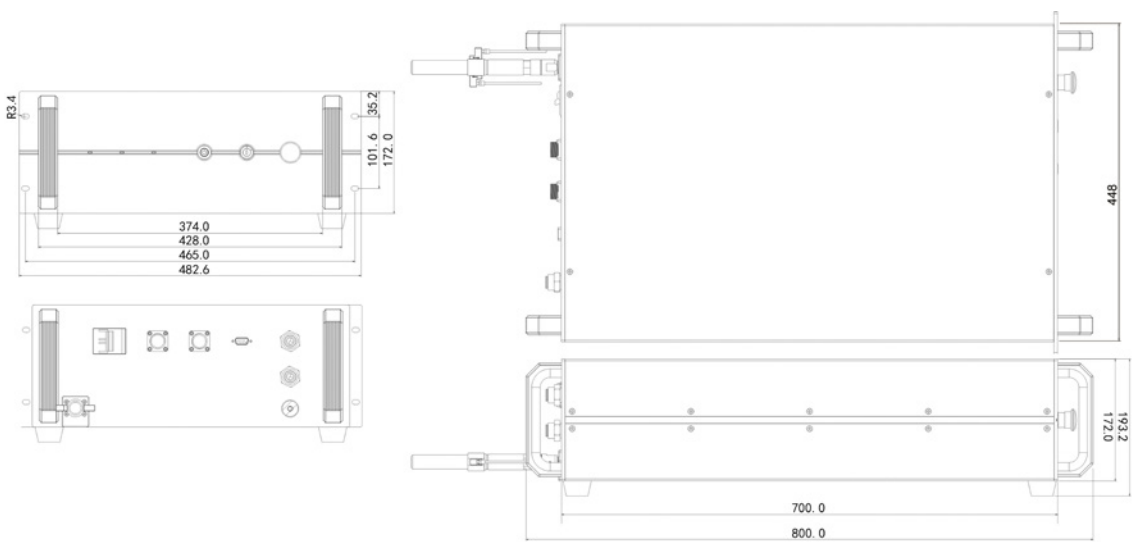
MFSC 800W~1500W Fiber Laser Specifications

Models	MFSC-800W	MFSC-1000W	MFSC-1300W	MFSC-1500W
OPTICAL SPECIFICATIONS				
Nominal Power	800W	1000W	1300W	1500W
Mode of Operation	CW/Modulated			
Polarization	Random			
Power Tunability	10 to 100%			
Wavelength	1080 ± 5 nm			
Power Stability	±1 %			
Laser Beam Quality M^2	1.3(20uQBH)			
	2.8(50uQBH)			
Modulation Frequency	⩽ 20kHz		20~50kHz	
Preview Red Light Power	150 μW			
FIBER DELIVERY SYSTEM				
Interface	QBH(LOC)			
Length	15m standard, other lengths optional			
Diameter	50(20/30/100) μm			
Bending Radius	200 mm			
ELECTRICAL RATINGS				
Supply Voltage	220VAC (-15% to +10%) Single-phase			
OTHER SPECIFICATIONS				
Operating Temperature	+10 to +40°C			
Storage Temperature	-10 to +60°C			
Humidity	10 to 85%			
Cooling Method	Water Cooling			
Cooling Medium	Distilled water/ Glycol Antifreeze			
Dimension	800×482.6×193.2 mm			
Weight	50(±3)kg		88kg	

Mechanical Specifications (mm)



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