

# MFSC

## 2000X~3000X

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

**MAX** PHOTONICS

## MFSC 2000X~3000X Fiber Laser Specifications

Models	MFSC-2000X	MFSC-3000X
OPTICAL SPECIFICATIONS		
Nominal Power	2000W	3000W
Mode of Operation	CW/Modulated	
Polarization	Random	
Power Tunability	10 to 100 %	
Wavelength	1080 ± 10 nm	
Power Stability	± 1 %	
Laser Beam Quality, BPP	1.1 to 1.5 mm x mrad(50um QBH)	
	2.8 to 3.6 mm x mrad(100um QBH)	
Modulation Frequency	≤ 5 kHz	
Preview Red Light Power	200 μW	
FIBER DELIVERY SYSTEM		
Interface	QBH (LOC)	
Length	15 m standard, other lengths optional	20 m standard, other lengths optional
Diameter	50(100/200) μm	
Bending Radius	200 mm	
ELECTRICAL RATINGS		
Supply Voltage	400VAC (-15% to +10%) 3-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	482.6×950×193 mm	
Weight	72(±3) kg	80(±3) kg

## Mechanical Specifications (mm)

