

## 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



# MFSC 1000X~1500X Fiber Laser Specifications

Models	MFSC-1000X	MFSC-1500X
'	OPTICAL SPE	CIFICATIONS
Nominal Power	1000W	1500W
Mode of Operation	CW/Modulated	
Polarization	Random	
Power Tunability	10 to 100%	
Wavelength	1080 ± 10 nm	
Power Stability	±1 %	
Laser Beam Quality, BPP	≤ 1.5 mm x mrad (50μm QBH)	
Modulation Frequency	≤ 20kHz	
Preview Red Light Power	150 μW	
,	FIBER DELIV	ERY SYSTEM
Interface	QBH(LOC)	
Length	15m standard, other lengths optional	
Diameter	50 (25) μm	50 (35) μm
Bending Radius	200 mm	
	ELECTRICA	L RATINGS
Supply Voltage	220VAC (-15% to +10%) Single-phase	
	OTHER SPE	CIFICATIONS
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	482.6×800×193mm (W×D×H)	
Weight	53(±3)kg	57(±3) kg

# Mechanical Specifications (mm)

