

# MFMC 20000W

Multi Module Fiber Laser



## Product Feature



### High Power with Great Beam Quality

High power density with flat-head distribution  
High wall-plug efficiency



### Even Energy Distribution

Less splash during cutting and welding



### 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  
High stability and easy maintenance significantly reduce TCO



### Best Choice for Cutting and Welding

Widely used in hardware processing, automobile, shipping, construction machinery, medical industries and more.

## MFMC 20000W High Power Fiber Laser Specifications

Model	MFMC-20000W
<b>OPTICAL SPECIFICATIONS</b>	
Nominal Power	20000W
Mode of Operation	CW/Modulated
Polarization	Random
Power Tunability	10 to 100%
Wavelength	1080 ± 5 nm
Laser Beam Quality, BPP	5 to 6.5 mm x mrad (150µmQBH)
	8 to 10 mm x mrad (200µmQBH)
Modulation Frequency	≤ 5kHz
Preview Red Light Power	200 µW
<b>FIBER DELIVERY SYSTEM</b>	
Interface	LOE(Q+)
Length	20m standard, other lengths optional
Diameter	150/200 µm
Bending Radius	200 mm
<b>ELECTRICAL RATINGS</b>	
Supply Voltage	400VAC (-15% to +10%) 3-phase
<b>OTHER SPECIFICATIONS</b>	
Operating Temperature	+10 to +40°C
Storage Temperature	-10 to +60°C
Humidity	10 to 80%
Cooling Method	Water Cooling
Cooling Medium	Distilled water/ Glycol Antifreeze
Dimension	1050 × 1460 × 1640 mm
Weight	978(±4)kg

## Mechanical Specifications (mm)

