

# MFMC

## 6000W~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



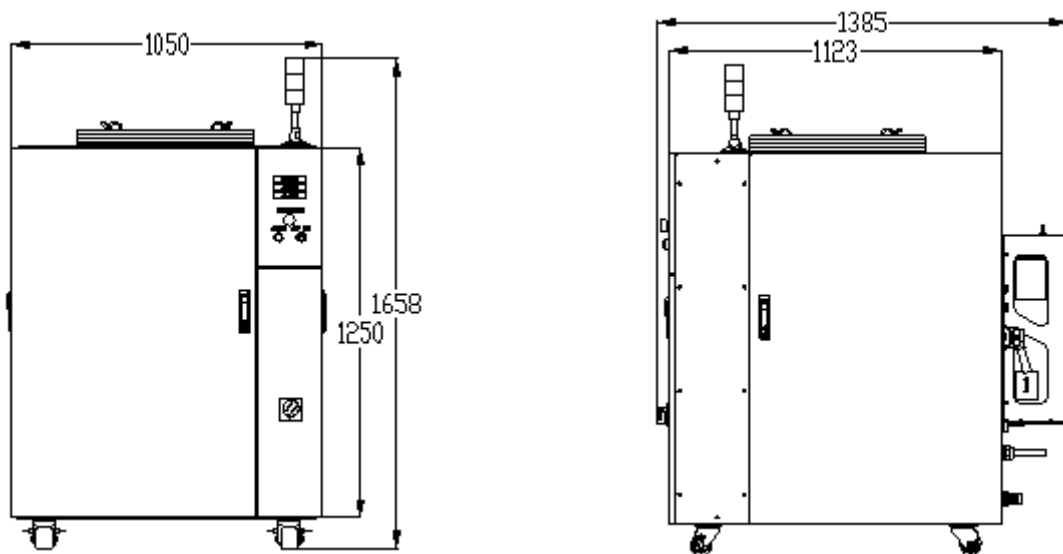
### Best Choice for Cutting and Welding

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

## MFMC 6000W~20000W High Power Fiber Laser Specifications

Models	MFMC-6000W	MFMC-12000W	MFMC-15000W	MFMC-20000W
<b>OPTICAL SPECIFICATIONS</b>				
Nominal Power	6000W	12000W	15000W	20000W
Mode of Operation	CW/Modulated			
Polarization	Random			
Power Tunability	10 to 100%			
Wavelength	1080 ± 5 nm			
Power Stability	± 1 %			
Laser Beam Quality, BPP	3.5 to 4.5 mm x mrad (100μmQBH)			
	5 to 6.5 mm x mrad (150μmQBH)			
	6.5 to 9 mm x mrad (200μmQBH)			
Modulation Frequency	≤ 5kHz			
Preview Red Light Power	200 μW			
<b>FIBER DELIVERY SYSTEM</b>				
Interface	QBH	LOE		
Length	20m standard, other lengths optional			
Diameter	100/150/200 μm			150/200 μm
Bending Radius	200 mm			
<b>ELECTRICAL RATINGS</b>				
Supply Voltage	400 (-15% to +10%) VAC 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	1050×1385×1658 mm			
Weight	534(±4) kg	646(±5) kg	726(±5) kg	815(±5) kg

## Mechanical Specifications (mm)



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