

MFMC
30000W~40000W
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.

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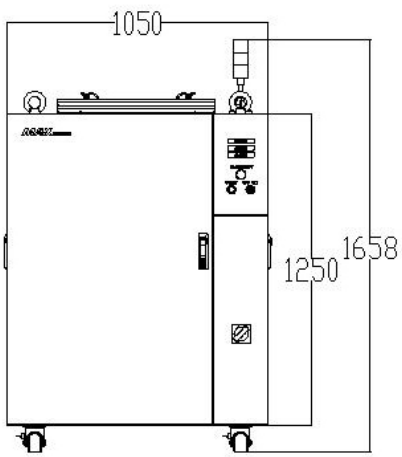
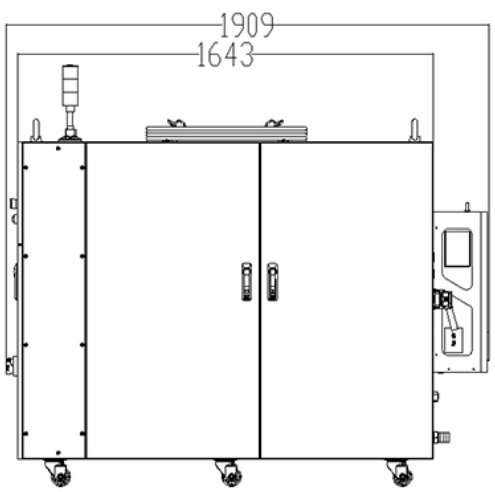
MFMC 30000W~40000W High Power Fiber Laser Specifications

Models	MFMC-30000W	MFMC-40000W
OPTICAL SPECIFICATIONS		
Nominal Power	30000W	40000W
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	
FIBER DELIVERY SYSTEM		
Interface	LOE	
Length	20m standard, other lengths optional	
Diameter	150/200 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 80%	
Cooling Method	Water Cooling	
Cooling Medium	Distilled water/ Glycol Antifreeze	
Dimension	1050×1909×1658 mm	
Weight	1140(±10) kg	1265(±10) kg

Mechanical Specifications (mm)





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The picture and the technical parameter are just for your reference. Please be subject to the actual products if anything different or updated.