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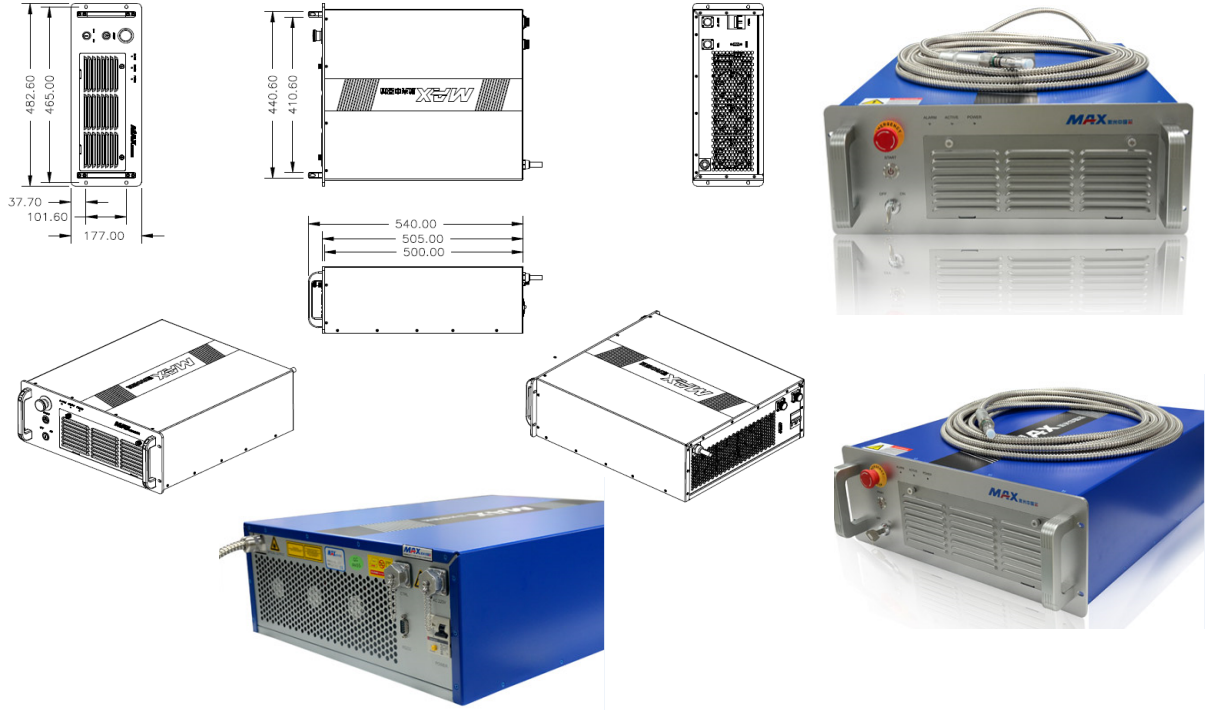
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MFSC Series Fiber laser -- CW Single Model							
1. Optical Characters							
	Unit	MFSC-200	MFSC-300L	MFSC-300	MFSC-500	MFSC-800	MFSC-1000
Mode of operation		CW/Pulse					
Polarization		Random					
Central emission wavelength	nm	1080±10					
Nominal output power	W	200	250	300	500	800	1000
Output power tunability	%	10 ~100					
Transmission Bandwidth	nm	3 (Typical) ; 5 (Maximum)					
Short period power output stability	%	± 1~3%					
Long period power output stability	%	± 2~5% ((24 hours continuously 100% power output))					
Laser Turn-on time	us	50 (Typical) ; 80 (Maximum)					
Laser Turn-off time	us	30 (Typical) ; 50 (Maximum)					
Repetition Frequency	KHZ	20 (100% power output)			50 (100% power output)		
Internal red beam power	uW	150					
Output fiber length	m	10		12		15	
Output fiber bending radius	mm	200					
Beam Delivery Optics		QCS / QBH air-cooling Connector			QBH water-cooling Connector		
2. General Characters							
Power supply of voltage	VAC	200-240V AC 50/60HZ, Single Phase					
Weight	kg	35		55		65	
Cooling		Air			Water		
Size(L*W*H)	mm	540*483*177			750*483*169		
Operation Temperature range	°C	0 (min); 25 (typical); 35 (max)			10 (min); 25 (typical); 40 (max)		
Operation humidity range (non-condensing)	%	10 (minimum) ; 90 (maximum)					
3. Water-cooling Condition							
Cooling Mode		Water Cooling					

Water(outlet end) temperature	°C	25 (minimum) ; 27 (maximum)
Water Pressure	Bar	4 (minimum) ; 5 (typical) ; 6 (maximum)
Water Flow	L/min	40 (minimum)
Lift (min head of delivery)	m	35 (minimum)
Application: To cut a variety of metal material, including carbon/mild steel, silicon steel, stainless steel, aluminum alloy, titanium alloy, galvanized sheet, pickling plate, aluminum zinc plate, copper etc.		

**CW 200W , 300L Dimension**



**CW 300W, 500W , 800W, 1000W Dimension**

