

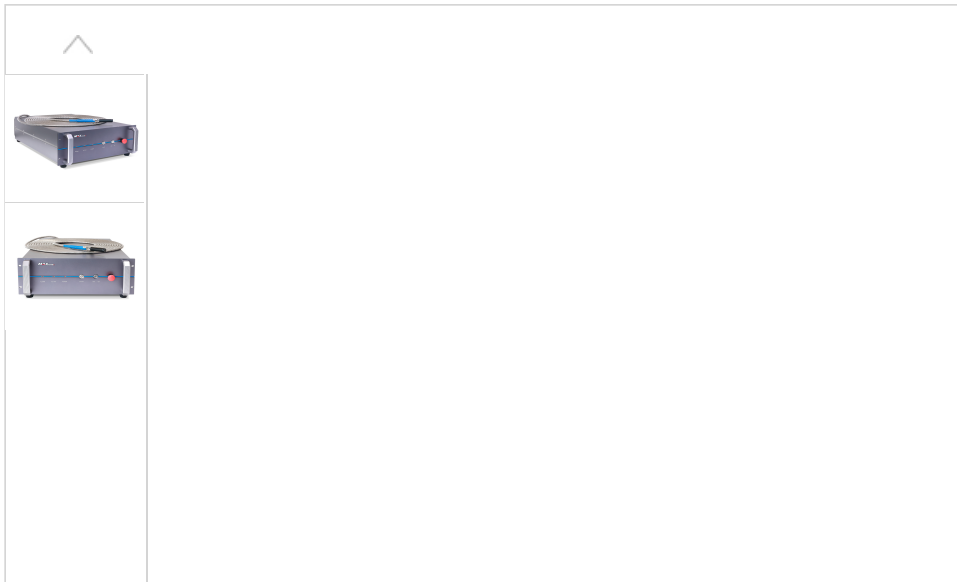


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MaxMFSC 500W-1000W Single Mode Continuous Fiber lasers

MFSC 500W-1000W single-mode continuous fiber laser with water-cooled way, it has high power, ideal beam quality, maintenance-free, high electro-optical conversion efficiency and other characteristics. Widely used for cutting, welding and drilling of stainless steel, carbon steel, aluminum, copper and so on. Applied to the fields of sheet metal cutting, metal processing, home appliances manufacturing, automotive manufacturing and so on.

10	Laser switching ON time	10% → 90%Output		50	80	us
11	Laser switching OFF time	90% → 10%Output		30	50	us
12	Modulation rate	100% Output		20	50	KHz
13	Red guide laser power	100% Output	150			uw
14	Feeding fiber cable length	MFSC-500W		12		m
		MFSC-800W		15		
		MFSC-1000W		15		
15	Feeding fiber core size	50 (25、30、100 optional)				um
16	Feeding fiber cable bending radius		200			mm
17	Output form	Standard QCS/QBH (LOC)				
General Characteristic Parameters						
No.	Characteristics	Test conditions	Min.	Nom.	Max.	
1	Operating voltage		180	220	240	
2	Nominal power consumption MFSC-500W	100% Output			2	kw
	Nominal power consumption MFSC-800W	100% Output			3.2	
	Nominal power consumption MFSC-1000W	100% Output			4	
3	Operating ambient temperature		10		40	°C
4	Operating ambient relative humidity		10		85	%
5	Cooling method	Water-cooling				
6	Storage temperature		-10		60	°C
7	Dimensions	750*483*169				mm
8	Weight				65	kg

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For reference only. Other beam diameter available by order.

Samples display



6mm carbon steel fine cutting



6mm carbon steel fine cut



3mm304 stainless

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Application industry



Aerospace Industry.



Metal 3 d printing

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