

## 500W Single Mode Fiber Laser | YFL - SM 500



Civan's YFL-SM - 500 is a State of the art Fiber laser, Delivering up to 500W single mode output at a 1064nm wavelength. The YFL - SM-500 is ideal for fine materials processing such as high precision metal cutting for industrial or Medical oriented materials processing. The Compact and robust single mode laser is also great for Additive manufacturing.

The YFL - SM includes interlocks to protect the system from catastrophic damage, thus increasing system robustness. The YFL - SM Series can be tailored to user specific applications and can be supplied as a turn-key or OEM ready system upon request.

### Features

- True Single Mode
- Robust, Compact, OEM Upon Request
- Scalable, Modular
- 1064 nm wavelength

### Applications

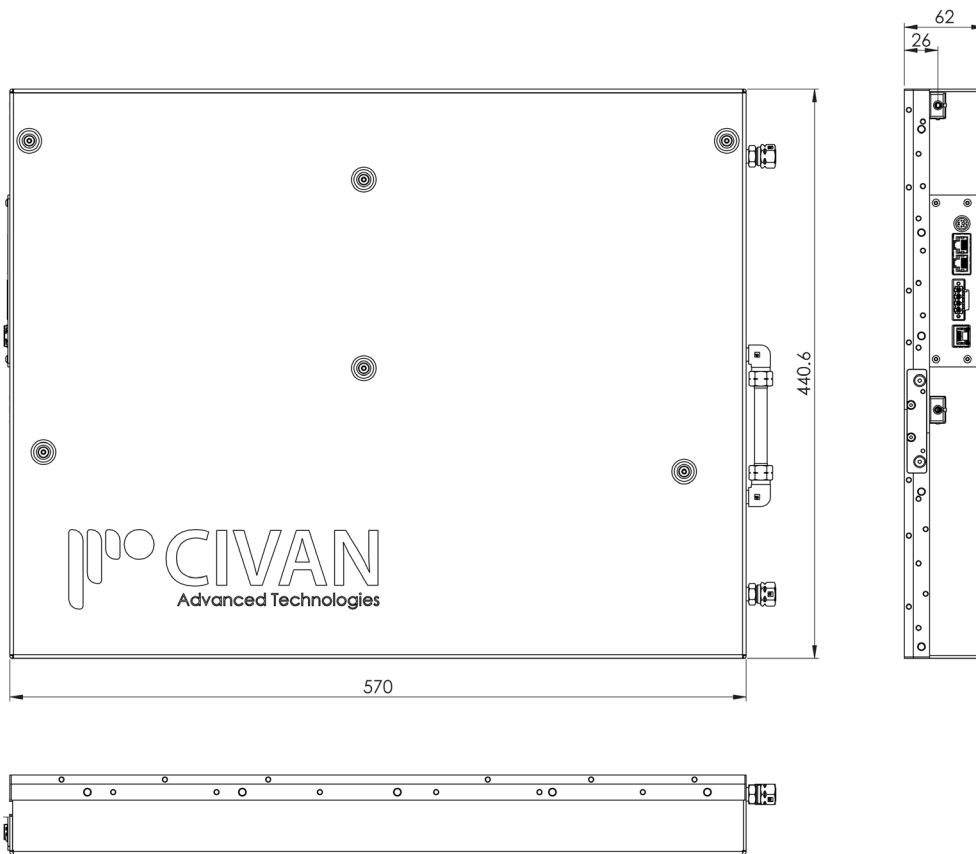
- Materials Processing
- High Precision Metal Cutting
- Additive Manufacturing

### Specifications:

Parameter	Unit	YFL-SM-500
<b>Optical</b>		
Output Power	W	500
Central Wavelength	nm	1070 ±10
Power Tunability	%	10 - 100
Power Stability	<2%	
Beam Quality	M2	<1.1
Mode Of Operation	-	CW
Wavelength Line-width (nm )	nm	2 FWHM
<b>Mechanical and Other</b>		
Delivery Fiber Length (m)	m	Upon Request
Output cable (what cable/ collimated)	-	Armored/ loose tube/ Collimated upon request
Dimensions (mm)	mm	570x440x62, may vary upon OEM requests
Cooling	-	Water

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Mechanical Dimensions



For More Information, Please Contact US!