



## JenLas<sup>®</sup> fiber cw 1000

High Power cw Fiber Lasers



### Advantages:

- High beam quality ( $M^2 \leq 1.2$ )
- cw or modulated up to 5 kHz
- Highly reliable components
- OEM-design

### Customer benefits:

- Perfect application quality
- Easy integration
- Multifunctional applications
- Low cost of ownership

### Applications:

- Cutting
- Welding
- Drilling

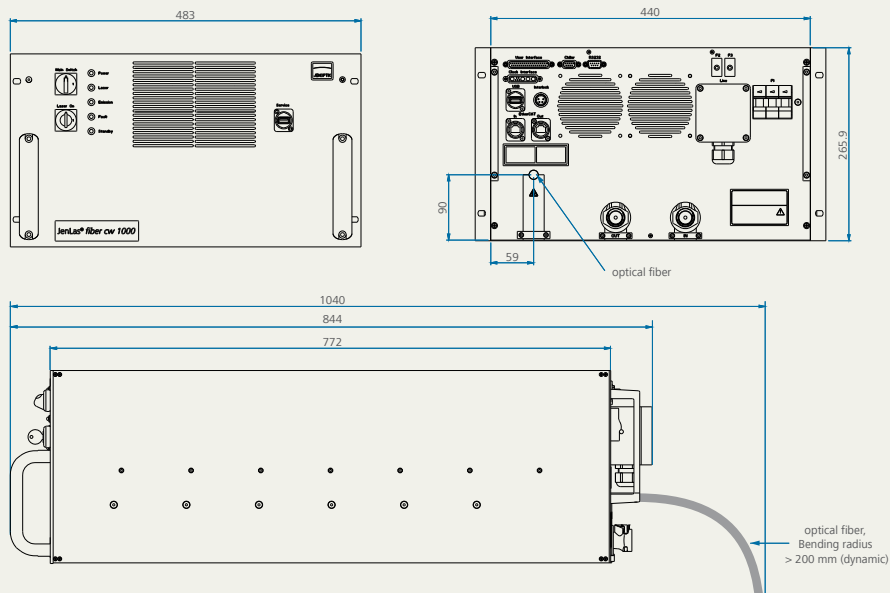
# JenLas® fiber cw 1000

## High Power cw Fiber Lasers

### Specifications

Parameters	JenLas® fiber cw 1000	
Output power	1000 W	
Center wavelength	1070 nm	
Operation mode	cw ... 5 kHz	
Transportation fiber length	10 m	
Fiber connector	QBH	
<b>Output beam parameter</b>		
Beam quality (M <sup>2</sup> )	≤ 1.2	
Polarization	Random	
<b>Mechanical specifications</b>		
Size	19", 6 RU x 884 mm	
Weight	~ 60 kg	
<b>Electrical specification requirements</b>		
Voltage	400 V, 3 Phase (with N), 20 A/Phase	200 V, 3 Phase (without N), 32 A/Phase
Frequency	50 Hz	50/60 Hz
Max. power consumption	7 kW	7 kW
Typical power consumption	4.5 kW	4.5 kW
<b>Cooling</b>		
Type	External cooling water	
Water temperature	20 ... 25° C	
Water quality	tap water	
Flow rate	12 l/min @ 6 bar	
Ambient conditions	10 ... 40° C, 5 ... 80 % (non condensing)	
<b>Operation parameters</b>		
Altitude	< 3000 m	

### Laser design



It is our policy to constantly improve the design and specifications. Accordingly, the details represented herein cannot be regarded as final and binding. Please contact us for further technical details.



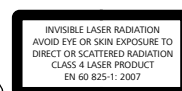
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