



Infrared Laser

SIRIO MOPA

Pulsed Fiber Laser for Industrial Application

Mopa Technology
(Master Oscillator Power Amplifier)

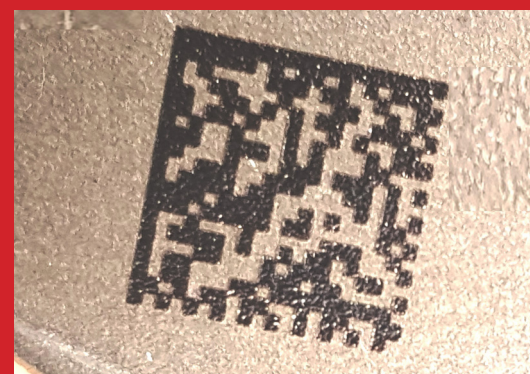
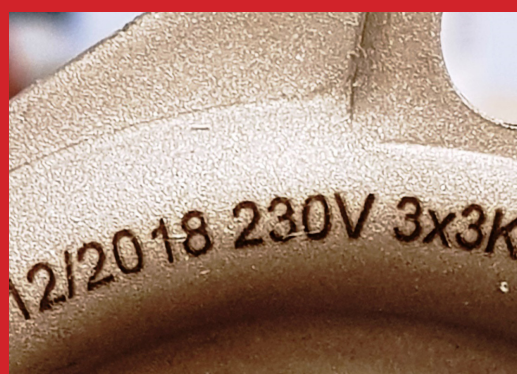


Features

- Wide Frequency Range (1 -2000 kHz)
- Pulse Width Adjusting from 2 to 350 ns
- 20W and 30W
- Excellent Laser Performance
- Independent Adjusting of PRF and Pulse Width

Applications

- Metal Surface Processing
- Aluminum Black Marking
- Semi-Conductor & Electronics Industry Applications
- Excellent Marking Effects on Plastic or Other Sensitive Material



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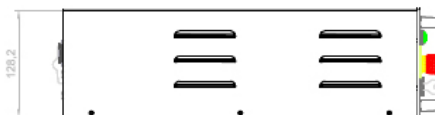
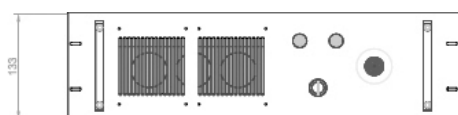
SIRIO MOPA

SIRIO 20

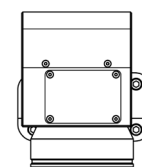
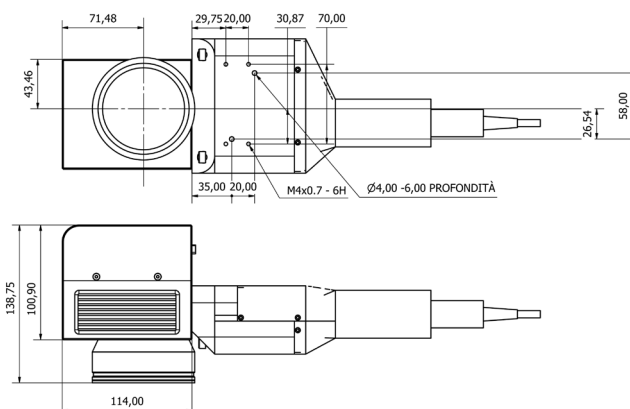
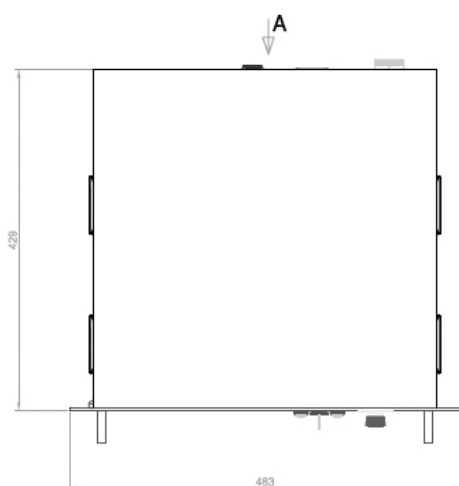
SIRIO 30

Operational mode		Mopa Pulsed Fiber Laser	
Center Emission Wavelength	[nm]	1064	
Nominal Output Power	[W]	20	30
Beam Quality (nominal)	[M ²]	< 1,3	
Polarization		Random	
Full Power Repetition Rate	[kHz]	25 - 2000	38 - 2000
Pulse Frequency Range	[kHz]	1 - 2000	
Max Pulse Energy	[mJ]	0.8 @ 25 kHz	
Pulse Duration	[ns]	2 - 350	
Power Supply	[Vac; Hz]	240 ; 50/60	
Power Consumption	[W]	< 500	< 600
Cooling system		Air	
Communication		RS232 (Ethernet available upon request)	
Compliance		2004/108/CE; 2006/95/CE; EN60950-1; EN 608225-1; EN 12626	

- Integrated embedded PC as option
- 3D System available upon request



View from "A"



Sirio Mopa Layout

Specifications are subject to variations and updates without notice. Class 4 laser source. This OEM laser component is for sale solely to qualified manufacturers, who shall provide interlocks, indicators and other appropriate safety features, in full compliance with 21 CFR 1040 and/or other applicable national and local regulations.



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