



# LASF Series Fiber Laser Marking System



Standard & Custom Tailored Workstations Available



### System Highlights:

- High speed, quality, permanent marking / engraving
- Touch screen display for laser status and diagnostics
- Solid state control system for speed and reliability
- Embedded PC with USB and Ethernet ports
- Air-cooled / low electrical consumption
- Laser diode MTBF 100,000 hours
- Compact and rugged design
- No maintenance or spares
- 2 year warranty





#### LNA Laser Technology

136 Newell Avenue Pawtucket, RI 02860 Phone: (401) 724-0076 E-Mail: info@lnalaser.com Web: www.LNALaser.com



Class 4 laser source. OEM laser components are 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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### **Technical Specifications**

Parameter	Unit	LASF 10W, 20W, 30W, 50W, 100W	LASF-M 10W, 20W, 30W
Mode of Operation		Pulsed	MOPA
Energy per pulse @ ideal PRR	MJ	0.5 - 1	
Polarization		Random	
Central emission wavelength	NM	1060 - 1070	
Emission bandwidth (FWHM)	NM	< 3	
Pulse width (FWHM)	NS	100 - 120	4, 8, 14, 20, 30, 50, 100, 200 (selectable)
Pulse repetition rate	kHz	20 - 200	
Nominal average output power	W	10 - 100	10 - 30
Output power tunability	%	10 - 100	
Long term power stability	%	< 5	
Typical beam quality, M <sup>2</sup>		1.6	
Output fiber length	м	3	
Operating voltage	VAC	110/220	
Max current consumption	А	8	





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