

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



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Technical Specifications

Parameter	Unit	LASF 10W, 20W, 30W, 50W, 100W	LASE-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 <i>(selectable)</i>
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 ²			1.6
Output fiber length	M		3
Operating voltage	VAC		110/220
Max current consumption	A		8

