



# Vereo™ Fiber

## Laser Marker



### Compact, Air-Cooled, High Performance Fiber Laser Features On-Board CPU

TYKMA's VEREO™ FIBER LASER offers the latest, most advanced features in the laser marking industry. Available with a 10 or 20 watt power output rating, VEREO™ is ideal for marking all metals and most plastic surfaces. It's an excellent choice for aggressive marking where depth is important. The scan head is extremely compact, making VEREO™ ideal for use in tight spaces and integrated applications.

The laser control system and CPU are packaged within a slim, 19" rack-mount footprint, eliminating the need for an external PC. VEREO™ is air-cooled and maintenance-free.

#### Features

- Air-Cooled, Maintenance-Free Design
- Compact, 19" Rack-Mount Configuration
- On-board CPU & Control Card System
- Advanced Communication Capability including Ethernet, Discreet I/O, RS232 and RS485
- Control of up to Four External Axes and Mark-on-the-Fly Capability
- Available as an OEM system or with Minilase™, Zeta™ and Custom-Engineered Enclosures
- Two-Year Warranty

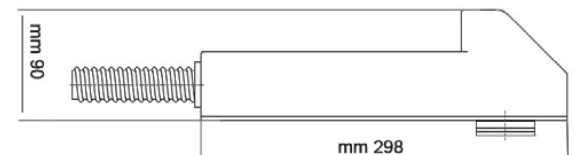
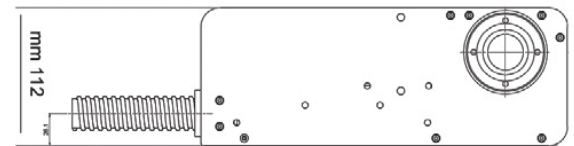
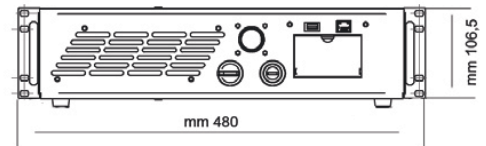
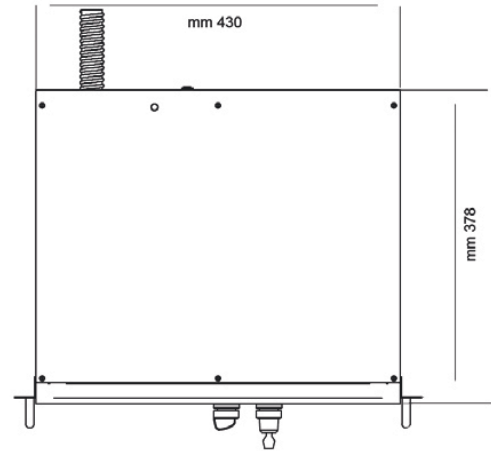
### Powerful. Simple. Affordable.

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## VEREO™ FIBER Specifications

	10 Watt	20 Watt
Nominal Power	10W	20W
Peak Power (max)	5kW	10kW
Input Voltage	115 VAC	
Frequency Range	20-100kHz	
Aiming Beam	Class 2M Red Diode 635nm	
Communication	Ethernet / RS232 / RS485	
Warranty	24 Month / Unlimited Hours	
Head Cable Length	3 m standard	
Wavelength	1060-1080 nm	
Laser Source	Solid State Fiber Laser	
Emission Radiation	Pulsed	
Pulsewidth	100 nsec	
Aiming Beam	1mW @ 635 nm	
Temperature Range	Operative 50°F to 95°F	
Cooling	Air cooled	
Collimator Dimension	90x112x298 mm	
Collimator Weight	4.4 lbs	
Rack Dimension	106x430x370 mm	
Rack Weight	24.25 lbs	
Available Lens Configurations	160 mm - 100x100 mm 254 mm - 140x140 mm 330 mm - 220x220 mm	

## Control Rack Assembly



VEREO™ is a class 4 laser product when not provided with a TYKMA certified Class 1 safety enclosure. This class 4 laser component is offered to qualified manufacturers who shall provide interlocks, indicators and other appropriate safety features in full compliance with CFR 1040 and/or other applicable national and local regulations.

Laser interaction with organic or inorganic materials can cause TOXIC FUMES/PARTICLES. TYKMA highly recommends and provides a variety of fume extraction equipment to minimize dust, fumes or smoke that can be created during deep engraving or the marking of plastics, anodized, painted and other coated materials. Proper use and maintenance of your TYKMA Laser Marking System ensures optimum performance and prolongs equipment life.



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TYKMA follows a policy of continuous product improvement. Specifications are subject to change without notice.



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