

Welding Series Continuous Wave Fiber Lasers

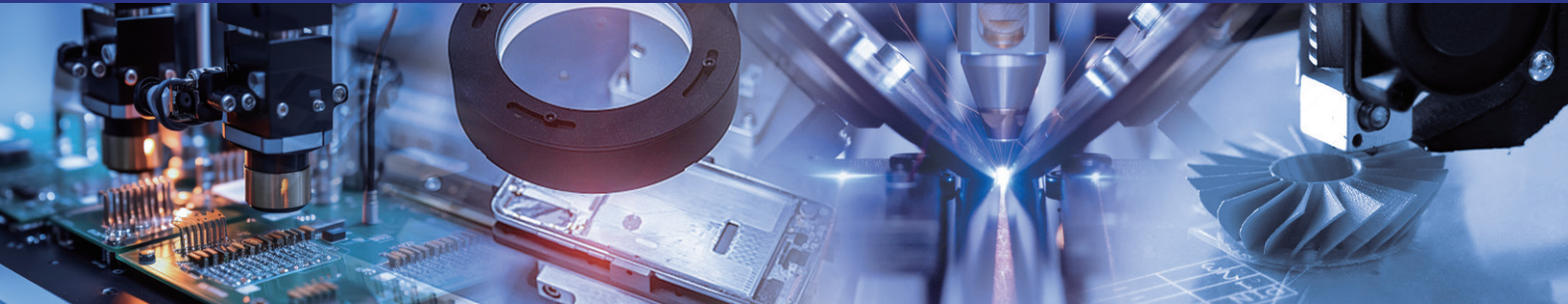
Leading Brand of High-End Fiber Lasers in China



Han's Photonics Laser Technology Co., LTD.

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Professional Handheld Welding Series

Welding Series Continuous Wave Fiber Lasers

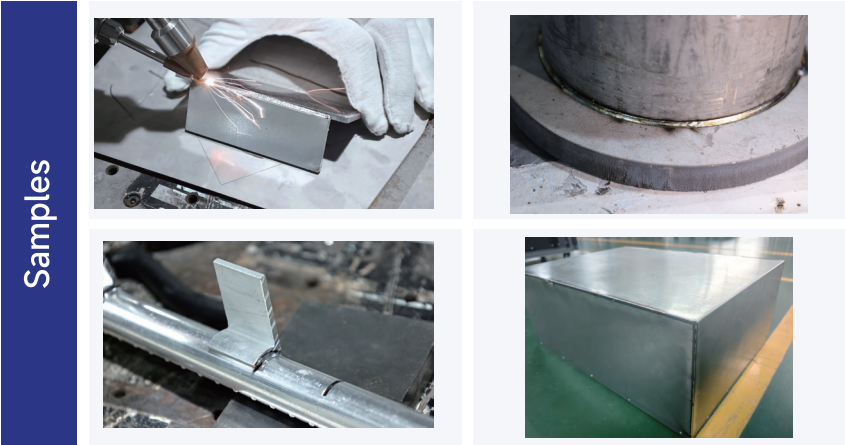
Equipped with self-developed high electro-optical conversion efficiency pump modules and an integrated electronic control system. Compact structure and lightweight, capable of delivering near-diffraction-limited single-mode beams with microsecond-level modulation response and exceptional back-reflection resistance.

Product Features

- ◆ Key components independently developed with an industry-leading in-house ratio; vertically integrated upstream and downstream resources;
- ◆ Power instability < ±1% (over 8 hours); proprietary specialty fiber supply;
- ◆ Exceptional back-reflection resistance; fearless of highly reflective material processing.

Application Fields

Covering thin-sheet metal, signage lettering, security grilles, kitchen & bathroom hardware, mold repair, equipment maintenance, and more.



Model		T40	1500	2000
Rated Output Power	W	1100-1200	1500	2000
Center Wavelength	nm	1080±5		
3dB Bandwidth	nm	5±1		
Power Adjustment Range	%	10-100		
Power Stability	%	±1.5		
Max. Modulation Frequency	kHz	5		
Operating Mode		Continuous / Modulated		
Polarization Mode		Random		
Fiber Core Diameter	μm	14	20	20
Output Fiber Length	m	10 (Customizable)		
Output Connector		QBH (Customizable)		
Beam Quality		m2≤1.2	m2 ≤1.4	
Operating Voltage	VAC	220		
Control Mode		IO/Profinet/EtherCat		
Dimensions (W×D×H)	mm	434.5*398*89	482*499.5*88	482*543*122
Weight	kg	≤25	≤30	≤35
Cooling Method		Water Cooled		