

PRODUCT CONFIGURATION

ITEM	QTY	SIZE	NOTE
Laser Source	1pc	1500W / 2000W / 3000W	Raycus/Max/XQL
Welding Head	1pc	Three in one	SUP
Optic cable Length	1pc	10m	Raycus/Max/XQL
Control System	1pc	Touch Screen	SUP
Auto Feeding System	1pc	0.8 / 1.0 / 1.2 / 1.6	SUP
Water Chiller	1pc	Dual temperature	XQL
Protective Lens	1 set	D18*T2	/
Nozzles	1 set	Each size one piece	/
Protective Glasses	1pair	Laser user	/
Wire	1 roll	1kg	Iron steel

Guangdong Xinquanli Laser CNC Equipment Co., Ltd. is a national high-tech enterprise integrating R&D, design, production, sales and service. It is located in Shunde National Economic and Technological Development Zone, Foshan City, Guangdong Province. The main products are laser cutting machines, laser welding machines, and robot automation solutions.

Relying on the accumulation of 15+ years of focusing on industry development, Xinquanli Laser has won numerous reputations but always insists on innovation and leadership. In promoting the standardization of the industry, Xinquanli has successively participated in the compilation of "the team standard drafting of the "Handheld Laser Welding Machine" and the "National Standard for Testing Method of Energy Consumption in Welding Processing" and other work.



Hot-line: 400 030 8885
 Website: www.xqlaser.com
 Address: No.8 XINBAO ROAD, RONGGUI, HIGN-TECH INDUSTRY DEVELOPMENT ZONE, SHUNDE DISTRICT, FOSHAN CITY, GUANGDONG

* 1. The company reserves the right to improve the products described in the sample.
 2. The product photos in the catalog are for reference only, and the actual product shall prevail.
 3. All data are the results of XQL inspection and only for reference.



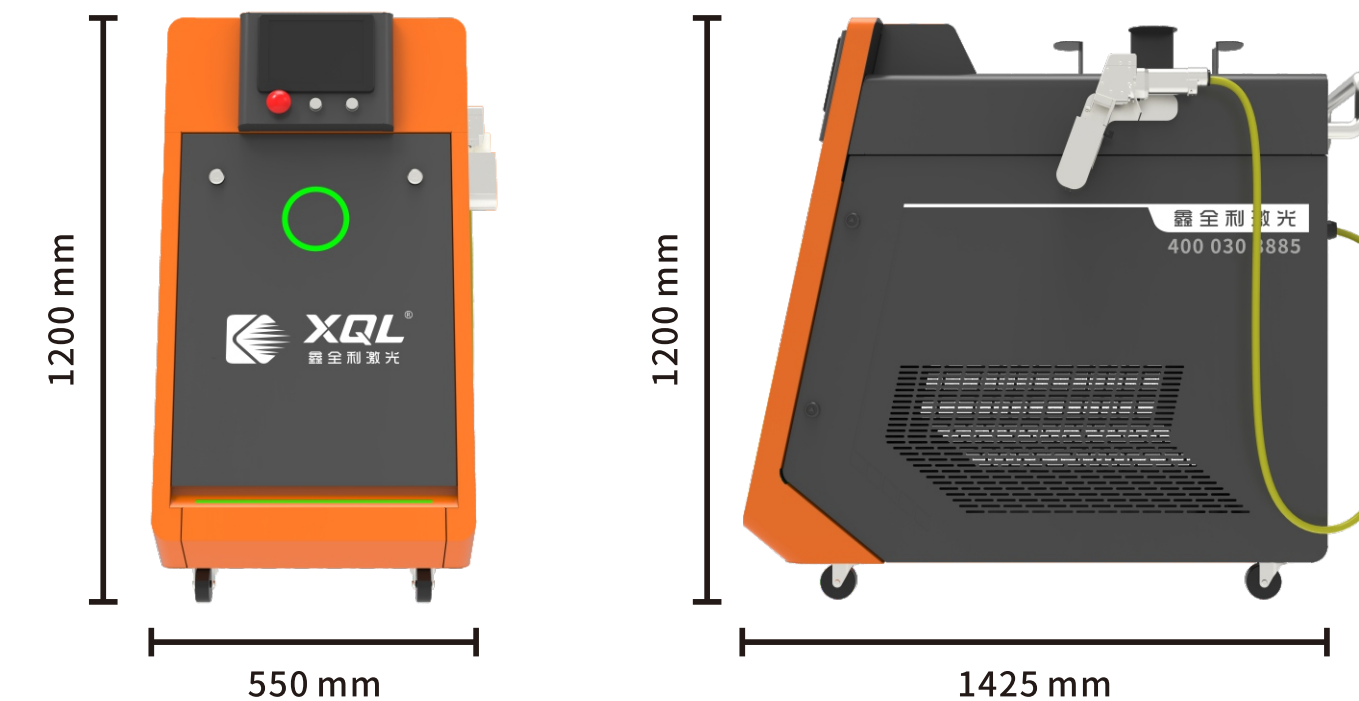
LASER
WELDING



XQL-H2000A Handheld Fiber Laser Welding Machine

<< Digital Internet&A New way
of welding in the future

Parameters and Dimension



- Efficiency increased by 3-10 times
- Labor saving
- Up to 30% photoelectric conversion rate
- 30 minutes of training
- Firm welding, minimum heat distortion
- Save post-processing costs

Material
Carbon steel, stainless steel, aluminum, galvanized sheet, brass, etc.

Application
Hardware processing, sheet metal processing, doors and windows, lighting, medical equipment, etc.



<< Handheld Laser Welding Head

0.8kg, the gun body is light and flexible, continuous work is not easy to fatigue, maintenance and use are safer.



^ Welding intelligent operating system

Multi-language operation interface, touch operation. Fast and efficient, the finer the adjustment parameters, the better the welding effect.



<< Laser generator

High stability, power saving & basically maintenance-free, can effectively reduce the cost of equipment use.



>> Wire Feeder

Welding wire specifications are optional, 0.8, 1.0, 1.2, 1.6mm are suitable for various welding seams to meet various welding needs.



^ Cooling system

With water flow protection, water temperature protection and other functions, the anti-condensation effect is good, and the service life of the equipment is extended.



>> Fiber optic cable

The standard 10-meter optical fiber cable supports 15-20 meters (optional), which can realize ultra-long-distance welding operation, which is flexible & convenient.

◆ | Laser Solutions optional | ▾

Option 1

Welding/cutting/rust removal (all-in-one)

Option 2

Equipped with automatic workbench (manual and automatic integration)

Option 3

Equipped with robot arm (no labor operation required). Fully automatic welding can be realized, reducing costs & improving efficiency.

◆ | Technical Parameters | ▾

WELDING PENETRATION			
	1500W	2000W	3000W
Stainless Steel	3mm	4mm	6mm
Galvanized Steel	3mm	4mm	6mm
Carbon Steel	3mm	4mm	6mm
Aluminum	2mm	3mm	4mm
Brass	2mm	3mm	4mm
Auto Feeding	0.8-1.6Wire	0.8-1.6Wire	0.8-1.6Wire/Dual-Wire
Voltage	AC220V	AC220V/380V	AC380V
Scan Width	Maximum 5mm		
Joint Type	Outer corner, inside corner, overlapping, wire welding.		
Note	The actual welding effect shall prevail, this data is for reference.		

ADVANTAGE CONTRAST			
Type	Argon arc welding	Laser welding	
Weld Quality	Heat Input	Big	Small
	Workpiece Deformation/Undercut	Big	Small
	Weld Forming	Fish-Scale Pattern	Smooth
Operation	Post Processing	Polished	Less
	Welding Speed	Slow	Fast
Environmental Safety	Operation Difficulty	Big	Small
	Personal Hazard	Big	Small
Cost	Environmental Pollution	Big	Small
	Consumables	Welding Rod	Lens, Copper Nozzle
Occupation	Energy Consumption	Small	Small
		Small	Small

TECHNICAL PARAMETER			
Operating Mode	Welding/Cutting/Rusting (Optional)	Laser Wavelength	1080nm
Adjustable Spot Width	0.1-5 (mm)	Spot Mode	Spot and Line
Operating Temperature	10-40 (°C)	Red Light Indicates Output Power	0.5-1 (MW)
Cooling Method	Water Cooling	Wobble Frequency	0-300 (Hz)
Power Adjustable Range	10-100 (%)	Fiber Core Diameter	25/50 (um)
System Language	Simplified Chinese, Traditional Chinese, English, Korean, Spanish, Japanese, French, Portuguese	Protective Gas	Argon, Nitrogen, Water-Free & Oil-Free Air
Machine Size	1425*550*1200 (mm)	Weight	170kg