



Water-cooling Fiber Laser Welding Machine



LASER WELDING

Technical Parameter

Laser Source	RAYCUS/MAX/BWT
Modulation Frequency	1-20,000HZ
Output Laser Wave length	1075 +/- 10 nm
Voltage	380V 50HZ
Fiber Optic Length	10M
Fiber Core Diameter	50μm
Auxiliary Gas	N2/Argon
Welder Speed Range	40-60cm/min
Adjustable Width	0-0.3 mm/0-1 mm
Laser welding gun (type)	SUP23T/SUP33T

Effect Display

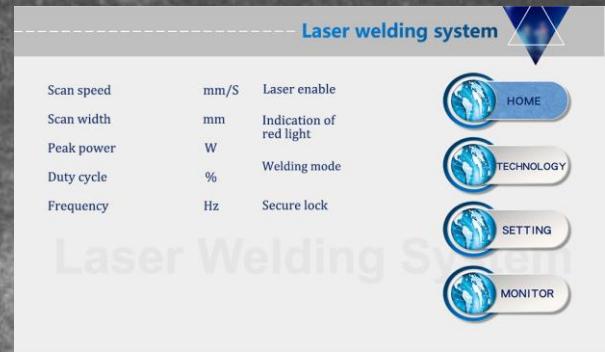


Application Area



CNC Control System

The water-cooling laser welding machine adopts industrial LED touch screen and intelligent operating system, which supports simple operation mode, easy to learn and easy to operate. 0 basic training can be learned in 30 minutes, effectively reducing labor costs. With matching process parameters, users can quickly select welding parameters according to different materials and thicknesses, and novices can also weld high-quality and consistent welds.



Advantage

Good performance

Stainless steel can be welded up to 5.0mm

Good effect

Precision laser control system, stable beam quality, high intensity, beautiful weld

Long service life

Adaptive cooling system, 12-month long warranty for the whole machine

Strong applicability

Suitable for welding of various materials, thicknesses and ultra-thin parts

Fast welding speed

4~10 times faster than traditional welding and improves production efficiency

More energy saving

It saves about 80%~90% electricity than argon arc welding

Easy to learn

Large touch screen, a new generation of intelligent operating system

More secure

Multiple safety guarantees to protect the safety of operators and equipment

Flexible Design

VEYON Laser can provide OEM service

Laser Welding Machine

High precision welding



Water-cooling VS Air-cooling

	Air Cooling Welding Machine	Water Cooling Welding Machine
Cooling Mechanism	Fan & Frion refrigerant	Water (need to change every 3 months)
Working Temperature	-10~60 degree (suitable in more environment)	0~50 degree
After-sale Cost	-	Higher (need the distilled water)
Size	Smaller (more portable)	Bigger and heavier (which means the freight more expensive)
Life Time	Longer (system is more automatic)	-
Maintenance	Less time and cost	Need to maintain the water quality

Spare Parts



Laser Welding Gun



Wire Feeder



Focus Lens



Nozzle



Helmet



Protective Lens

Company Introduction

VEYON Machine is specialized in the research, development and production of metal process equipment.

Configuration List

Laser Welding Machine/ 1 set
 Optical Fiber Cable 10 M / 1 pcs
 Laser Mini Head / 1 unit
 Wire Feeding Device / 1 unit
 Focus Lens/ 1 pcs
 Nozzle/ 8pcs
 Protect Glasses/ 10pcs
 Set Tools/ 1 set



VEYON can provide full solution for Metal Sheet Processing Equipment:

- Press Brake
- Laser Welding Machine
- CO2 Engraving Machine
- Laser Cutting Machine
- Laser Cleaning Machine
- Professional Accessories

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