

Handweld "W" series

W15/W20/W30 Handheld laser welding machine

The handheld fiber laserwelding machine consists of an integrated cabinet, fiber laser, cooling water circulation system, laser control system and handheld welding head. Hand- held welding machine equipped with wire feeder can tolerate larger assembly gaps and errors, and improve work efficiency and weld strength.



Applications

This product is widely used in kitchenware, kitchen and bathroom, household appliances, molds, stainless steel products, door and window furniture, handicrafts, auto parts, etc.



Samples



Configuration And Parameters

Type	W15	W20	W30
Laser power	1500W	2000W	3000W
Laser mode	Continuous\Pulse		
Laser wavelength	1064nm		
Beam quality	M2<1.2	M2<1.5	M2<1.5
Laser swing range	0-5mm		
Output power stability	±2%		
Power requirements	220V±10% single phase		AC380V 50/60Hz
Whole power consumption	≤9KW	≤12KW	≤15KW
Cooling system	Customized industrial-grade dual-temperature dual-control chiller		
Fiber cable length	10M customized		
Working environment temperature range	15~35°C		
Working environment humidity	< 70% without condensation		
Welding thickness	MAX3mm	MAX5mm	MAX8mm
Suitable materials	Stainless steel, carbon steel, aluminum, galvanized sheet, copper, etc.		
Welding seam requiremets	< 0.2mm		
Welding speed	0~120mm/s		

Product Details

- ✓ Fast welding speed and high welding efficiency
- ✓ The welding is not deformed, the weld seam is beautiful, and no grinding is required after welding, which saves manpower
- ✓ The operation is simple, flexible and convenient, and you can directly operate it without professional welding knowledge.

