



MW1500/MW2000

THREE-IN-ONE LASER HANDHELD 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.



Configuration And Parameters

Type	MW1500	MW2000
Laser power	1500W	2000W
Laser mode	Continuous\Pulse	
Laser wavelength	1064NM	
Beam quality	M2<1.2	M2<1.5
Laser swing range	0-5mm	
Output power stability	±2%	±2%
Power requirements	220V±10%, single phase	
Whole power consumption	≤9KW	≤12KW
Cooling system	Customized industrial-grade dual-temperature dual-control chiller	
Fiber cable length	10M customoized	
Working environment temperature range	15~35°C	
Working environment humidity	< 70% without condensation	
Welding thickness	MAX3mm	MAX5mm
Suitable materials	Stainless steel, carb on steel, aluminum, galvanized sheet, copper,etc.	
Welding seam requiremets	<0.2mm	
Welding speed	0~120 mm/s	