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LASER WELDING MACHINE



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| LASER WELDING



EQUIPMENT MODEL	PL-S500W	PL-S1000W	PL-S1500W	PL-S2000W
Rated Output Power	500W	1000W	1500W	2000W
Power Adjustment Range	500W±2%	1000W±2%	1500W±2%	2000W±2%
Laser Type	Continuous Fiber Laser			
Laser Wavelength	1070nm			
FM	0~5Khz			
Spot Diameter	5~7mm			
Welding Speed Range	1~120mm/s			
Welding Gap Requirements	≤0.5mm			
Wire Width	≤4mm	≤5mm		
Rated Output Power	500W	1000W	1500W	2000W
Welding Thickness	1<1.2 mm Stainless Steel	<2.5 mm Stainless Steel	<4 mm Stainless Steel	<5 mm Stainless Steel
	<0.8 mm Carbon Steel	<1.5 mm Carbon Steel	<2.5 mm Carbon Steel	<3.5 mm Carbon Steel
		<1 mm Aluminum	<2 mm Aluminum	<3 mm Aluminum
Beam Quality	M ² <1.1	M ² <1.15	M ² <1.2	M ² <1.2
Output Fiber Length	Standard 10 m / Customizable Lengthening			
Fiber Bending Radius	100 mm			
Way of Working	Continuous CW / Modulation			
Working Environment Temperature Range	15~35°C/<70%without condensation			
Weld Head Operating Mode	Normal / Hand-Held Swing Welding Mode			
Power Consumption of the Whole Machine	4 KW	6 KW	9 KW	12 KW
Cooling Mode	Built-in chiller			
Power Requirements	AC220V±10%/50Hz/40A	Three-phaseAC380V±10%/50Hz/40A		



"Proudly Manufactured in India"