

Laser Welding Machines

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ADVANTAGES

- ✓ High accuracy, the welding spot diameter is only 0.2mm-0.5mm
- ✓ Little affect area, no distortion of the processing parts.
- ✓ No etching effect after welding, low oxidation rate ,the color of the processing parts is intact .
- ✓ Can process at the welding point, especially applicable to repairing mound requiring polishing.
- ✓ The processing parts can reach 50-60 Rockwell hardness.

Applicable to material and fields

Laser welding can be used in welding Stainless Steel, Die Steel , Titanium , Nickel, Tin , Copper , Aluminium,H13 , EN31 etc



Crane Type



Normal Type



Technical specifications

MODEL	JK-W200	JK-W400
Average laser power	200W	400W

MODEL	JK-W200	JK-W400
Max laser power	240W	440W
Max energy of single pulse	75J	90J
Laser wavelength	1064nm	
Pulse width	0.3-20ms	
Laser welding frequency	0.5-100 hz	
Spot size range	0.2- 2.0 mm	
Welding wire	0.1- 0.4 mm	
Power Supply	220VAC ± 10% / 50-60HZ	415VAC ± 10% / 50-60HZ
Power Consumption	6KW	12KW
Water pressure protection	0.02 Mpa	
Cooling water temperature	35 degrees	
Temperature protection	45 degrees	
Cooling water flow	10L/Min Hz	
Dimensional	1000mm x 600mm x 1500mm	1000mm x 600mm x 1500mm
Weight	300kg	600kg
Cooling Way	Water Cooling	
Laser Type	YAG	




ABOUT J.K. MACHINES


J.K. Machines is also known as an exporter and importer. Its export markets are the neighbouring countries and import markets are China and Taiwan. The organization was incorporated with an aim to come up with the most innovative and high-tech range of machinery, which in turn, meets the exact requirements of the clients.


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