



OR-HW Series

Hand-held laser welding machine

OREE LASER



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Small Body, Efficient Welding

The welding speed of OR-HW laser welding machine is 3-10 times that of traditional argon arc welding and plasma welding. The welding heat affected area is small, and it will not cause problems such as deformation, blackening, traces on the back of the joint construction, and the welding depth is large, the melting is sufficient, and the welding is firm.



Dual-drive Handheld Swing Laser Welding Head

There are 6 welding modes and multiple welding nozzles to meet different welding needs; it has a safety sensor function, which emits a laser after touching the metal and automatically locks the light



Simple Operation Panel

Display operation interface, simple and eye-catching button, no programming and teaching, simple operation



Water Cooler



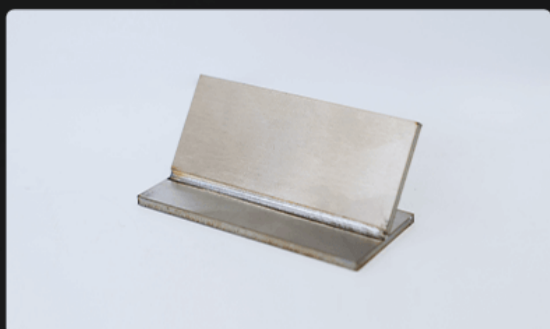
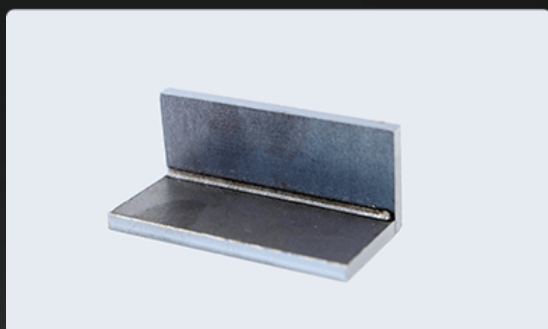
Standard 10 Meters Optical Fiber

It is conventionally equipped with 10-meter optical fiber, which can realize long-distance, flexible welding in large areas and reduce operating limitations.



360° No Dead Angle Micro Welding

After the laser beam is focused, a small spot can be obtained, which can be accurately positioned, and is applied to micro and small workpieces that are automatically produced in large quantities. Mainly for the welding of thin-walled materials and precision parts, it can realize spot welding, stitch welding, tailor welding, sealing welding, etc. High aspect ratio, small weld width, small heat aff



Product Video



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Technical Parameter

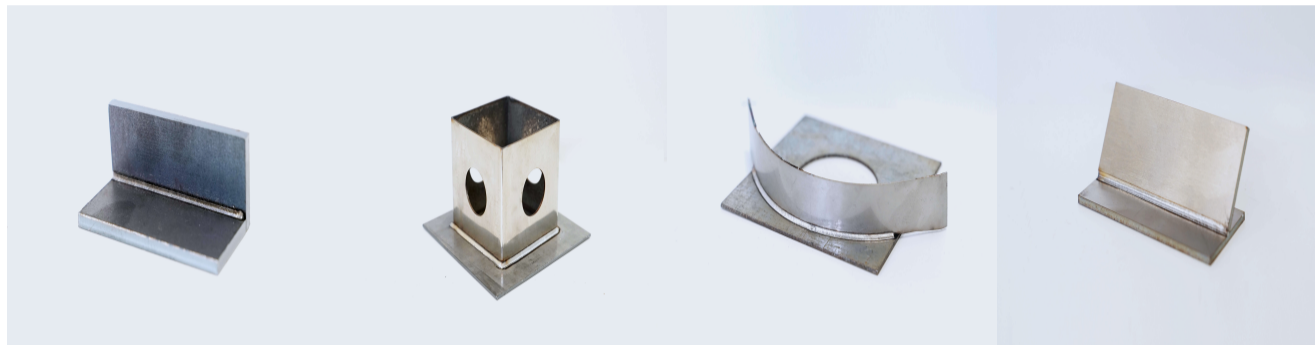
mm inch

Model	OR-HW1000	OR-HW1500	OR-HW2000
Laser Power	1000W	1500W	2000W
Operating Mode	Continuous / Modulation		
Laser Wavelength	1070NM		
Output Power Stability	±2%		
Power Requirements	220V/380V		
Machine Power	≤7KW	≤9KW	≤10KW
Operating Environment temperature range	15-35°C		
Working Environment humidity range	< 70% No condensation		

Thickness	0.5-1.0mm	0.5-2mm	0.5-6mm
Welding Line Requirements	≤0.5mm		
Max Welding Speed	120mm/s		
Machine Size	1190×1100×650mm		



Cutting Sample



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If you want a price, fully catalogue or other informations, pls contact us

<input type="text" value="*Your Name"/>	<input type="text" value="*Mobile Number"/>	<input type="text" value="*Message (Please describe your cutting materials and thickness here)"/>
<input type="text" value="*Email Address"/>	<input type="text" value="*Your City"/>	
<input type="text" value="Company"/>		
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