



OLE-HW1000 Handheld Laser Welding Machine

Handheld laser welding with single-axis wobbling feature; Laser power 1KW.



Features

Technical Data

RAYTOOLS OLE-HW1000 SERIES



Handheld Laser Welding Machine

Power Rating **1KW**

Compact integrated design with easy operation.

Wobble welding to improve welding capacity to seam.

Wire feeder included to expand application range.



Multiple safety protection with auto beam off function once the nozzle goes away from workpiece.

"4-in-1 function" (Weld/Cut/WeldSeam Clean/Remote Clean). Quick-change structure of tip assembly from laser processing head.



wire feeder

Technical Data

Item	Specification
Laser	Maxphotonics/Raycus
Laser Power	1000w
Laser Wavelength	1080nm
Fiber Length	10m
Fiber Core	25um/50um
Welding Speed	0-20mm/s
Welding Style	Wobble (single axis)
Wobbling Range	0-5mm (Weld)/0-10mm (WeldSeam Clean)/0-80mm (Remote Clean)
Welding Seam Width	Max. 5mm
Welding Thickness	Max. 4mm (SS, MS and 5 series AL)

Specifications subject to change without notice.

Item	Specifications
Cooling	Water Cooling
Cover Glass	Φ20mm*3mm
Collimation Length	60mm
Focus Length	150mm
Power Supply	220V/Single Phase/50 or 60Hz
Overall Dimension	1053x800x1225mm (LxWxH)
Weight	~235kg
Wire Feeder	Included
Wire Diameter	Max. 2.0mm
Wire Weight	Max. 25kg
Wire Material	Copper/SS/AL
Power Supply	AC220V/50 or 60Hz

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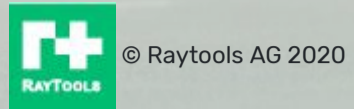
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