



## AUWELD HLW1500M Hand-held Fiber Laser Welding Machine

### Description

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- The equipment has variety functions
  - Laser welding, laser cleaning, laser cutting. No professional welder is required.
- Equipment Effect –
  - Laser Welding : The welding is not deformed, and the weld is smooth and beautiful without grinding.
  - Laser Cleaning : Remove the rust layer on the metal surface.
  - Laser Cutting : Plate and profile cutting branch
- Equipment Speed Efficiency –
  - Laser Welding : 3 – 7 times of traditional welding
  - Laser Cutting : Replace traditional plasma cutting machines
- Equipment Processing Technology –
  - Laser Welding : High machining accuracy
  - Laser Cleaning : Precise cleaning
  - Laser Cutting : The incision shall be smooth without slag and blur
- High welding efficiency of equipment –
  - Multifunctional wire feeder : 0.8 / 1.0 / 1.2 /1.6mm
  - Smooth wire feeding, smooth weld and pulse fish scale welding

### Specification


<b>Model</b>	<b>HLW1500M</b>
<b>Laser Type</b>	Fiber Laser
<b>Laser Wavelength</b>	1080nm±3nm
<b>Max. Welding Depth / Clean Width / Cut</b>	S.Steel/Iron <4mm / Aluminium <3mm / Clean 20-40mm
<b>Positioning Mode</b>	Red Light Positioning, Copper Nozzle
<b>Cooling Mode</b>	Water Cooling
<b>Total Power</b>	<7.5kW
<b>Working Relative Humidity</b>	?70%
<b>Electricity Demand</b>	Single Phrase 220V±10% 50/60Hz
<b>Length of Movable Optical Fiber Line</b>	10 m
<b>Working Temperature</b>	10°C – 40°C
<b>Packing Size (Machine)</b>	103.5 x 45 x101 cm
<b>Weight (kg)</b>	97.62
<b>Machine Dimension (mm)</b>	980 x 420 x 712
<b>Wire Feeder Weight (kg)</b>	13.5