

AirCool™ Handheld Laser Welding Machine

HEAVTH AirCool Series



HEAVTH
Export To 150+ Countries
More Than 3K sets Per Year
Professional Technical Service



- Fast welding: 4-5 times faster than traditional welding, Easy to weld fish scale seam
- Quick start: Novices welder can reach professional through simple training
- Easy to use: One step setting, smooth and beautiful weld seam intelligent wire feeder

APPLICATIONS:

- Metal fabrication shops
- Auto body applications
- Maintenance and repair
- Construction and piping
- Farm, furniture & appliances
- Aerospace & transportation

Specifications	
Fiber Laser source power	1000W, 1500W, 2000W
Laser Wavelength	1080±3nm
Fiber Length	5 meters (Max length 10m)
Focal Length	150mm
Cooling Mode	Air cooling
Overall Dimension	279*712*666mm
Total Weight	45kg, 55kg, 65kg
Input Voltage	Ac220V1P, 50/60Hz

Multilingual easy to learn and operate



Technical Parameter

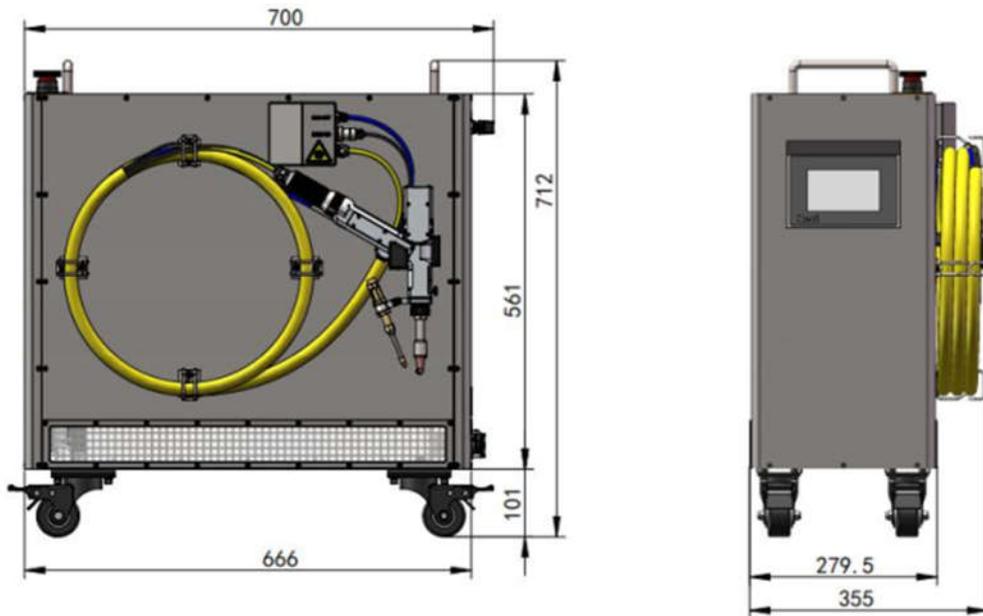
Model	AC-1000 HLW	AC-1500 HLW	AC-2000 HLW
Laser Source	1000W	1500W	2000W
Shielding Gas	Argon, Nitrogen, Air	Argon, Nitrogen, Air	Argon, Nitrogen, Air
Maximum weld	3.5mm	5mm	6.5mm
Input Power	6KW	7KW	9.5KW
Cooling Mode	Air cooling	Air cooling	Air cooling
Mains Supply	AC220V 1PH	AC220V 1PH	AC380V 3PH

MetalWalker Features

High Speed	Up to 4X Faster than traditional methods - increased productivity for lower costs-per-part
High Quality	Consistent welding of thick, thin and reflective metals without distortion, undercut or burn-through - minimal heat affected zone
Easy to Use	Simple set up, easy to learn and operate for consistent high-quality welds
Enhanced Material Capability	Metals with dissimilar thicknesses, ultra-thin parts, copper welding, materials with low and high electrical conductivity
Wobble Welding	Up to 5 mm of additional weld width - increases capability and creates highly aesthetic seams
Operator Safety	Multi-level sensors and interlock safety features

Welding System includes

✓ Fiber Laser Welding Machine	✓ Intelligent Wire Feeder
✓ Argon Pressure Gauge	✓ D18-2 Protective Lens (5 pcs)
✓ Welding Nozzle Tips (8 pcs)	✓ 5 m (16') Laser Welding Gun Cable
✓ 5 m (16') Workpiece Clamp	✓ Laser Safety Glasses
✓ 3 m (10') 8*5MM pipe	✓ 3 m (10') 12*8MM pipe
✓ 12 to 8mm Pipe adapter	✓ User Guide, Certificate and Warranty Card



Main Products:

Fiber Laser Cutting Machine
 Portable CNC Cutting Machine
 Gantry CNC Cutting Machine
 Fiber Laser Welding Machine
 CNC Pipe Cutting Machine
 FineCut Plasma Cutting Machine

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