

MetalWalker™ 3 in 1

Portable Handheld Laser Welder

HEAVTH MetalWalker Series



HEAVTH

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

15 YEARS

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, 3000W
Laser Wavelength	1080±3nm
Fiber Length	10 meters
Focal Length	150mm
Cooling Mode	Intelligent Water Chiller
Overall Dimension	850*450*630mm
Total Weight	130 kg (155 lbs.)
Input Voltage	Ac220V1P or Ac380V3P, 50/60Hz

Multilingual easy to learn and operate



Technical Parameter

Model	MS-1000 HLW	MS-1500 HLW	MS-2000 HLW	MS-3000 HLW
Laser Source	1000W	1500W	2000W	3000W
Shielding Gas	Argon, Nitrogen, Air	Argon, Nitrogen, Air	Argon, Nitrogen, Air	Argon, Nitrogen, Air
Maximum Thickness	3.5mm	5mm	6.5mm	9mm
Input Power	6KW	7KW	9.5KW	12KW
Water Chiller	16L 3000W	16L 3000W	19L 4000W	21L 5000W
Mains Supply	AC220V 1PH	AC220V 1PH	AC380V 3PH	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
Multi-Function	It has three functions: laser welding, laser cleaning and laser cutting

Welding System includes

✓ Fiber Laser Welding Machine	✓ Intelligent Wire Feeder
✓ Argon Pressure Gauge	✓ D18-2 Protective Lens (5 pcs)
✓ Welding Nozzle Tips (8 pcs)	✓ 10 m (32') 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

Big brand Laser source



Ergonomic design Torch



Touch Screen Controller

Rich attached accessories

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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