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Air-cooled laser welding machine



Model: SMART HWA Series

Category: Air-cooled laser welding machines

Brand Name: HG Laser

Laser power: 1500W

Application: cabinet kitchen, staircase elevator, shelf, oven, stainless steel door and window guardrail, distribution box, stainless steel furniture and other industries.



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Description [Reviews \(0\)](#)

The Air-cooled laser welding machines has the best fibre optic laser beam for fast welding speed, high quality welds and no consumables. No fear of tank freezing in low temperature areas, the air-cooled fibre laser welding machine is used for welding carbon steel, stainless steel, aluminium, copper and other metal plates.

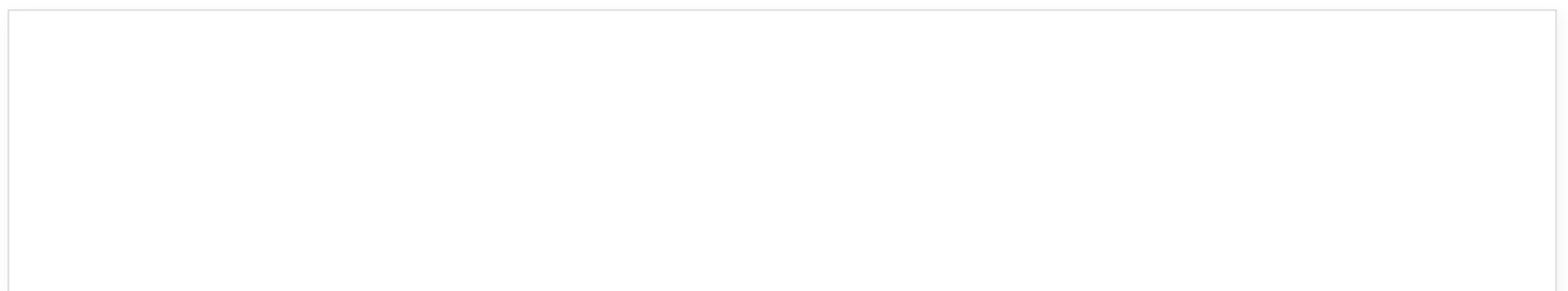
Air-cooled laser welding machines Parameter

MACHINE MODEL	HWA-1500
Laser wavelength	1080nm
Laser power	1500W
Weldable materials	Carbon Steel, Stainless Steel, Aluminum
Fiber	20um, 10m
Modulation frequency	20KHz
Energy Stability	<3%
Cooling Media	N2,Air
Net weight of the whole machine	75kg
Light spot diameter	0-5mm
Machine Model	HWA-1500
Laser wavelength	1080nm
Whole machine size (mm)	352×700×666 (without wire feeder)
Whole machine power	6.5KW
Recommended Environment	Clean and dust-free, no vibration source, 5°C-40°C, humidity < 70%

Air-cooled laser welding machines Video



Product Details Display



Compact fuselage design

The compact fuselage design makes it easy to transport to any construction site by putting it into the trunk of the car.



Ultra small size

The volume is 14% of the **hand-held laser welding machine**



Preferred in cold regions

Compared with the icing problems often caused by water-cooled welding machines, Smart-HWA has more obvious advantages in cold areas

Air cooling & Energy saving

The dual fan design brings strong heat dissipation capacity and reduces energy consumption



A powerful operating system

Simple and clear operation interface, easy to master and easy to adjust



Higher photoelectric conversion efficiency

Second generation optical fiber transmission system

Better and more stable beam quality

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HGSTAR mainly produces low and medium power laser cutting machines, laser welding machines and other laser equipment

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