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Handheld metal fiber laser welding machine with auto wire system



Product name: Handheld metal fiber laser welding machine with auto wire system

Model: LM-2000W

Laser power: 1000W, 1500W, 2000w, 3000w

Working range:

Application: It can be used to weld the metallic materials, like carbon steel, stainless steel, titanium, aluminum, etc.

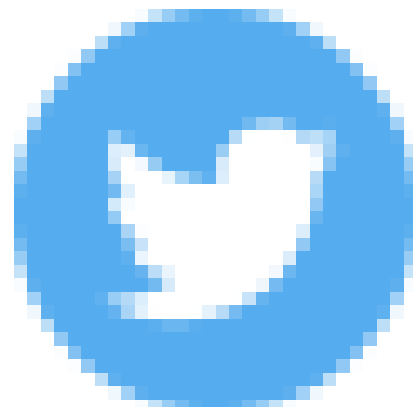
Inquiry



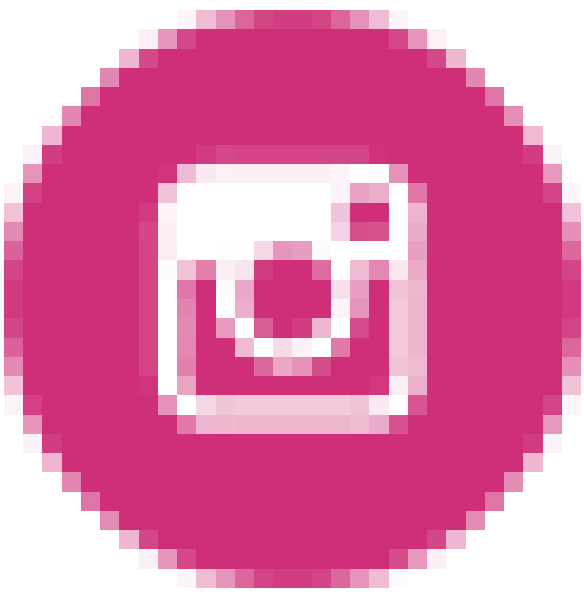
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Machine features

1. With auto wire system, is suitable for welding metal with a gap bigger than 0.1mm
2. Fiber laser welding machine is easy to operate, anyone can use it.
3. Steel, stainless steel, aluminum, copper, brass welding is available
4. Holder cable length can be 5m / 8m long, it is convenient for using.
5. Red light is installed to check the position of the welder beam
6. No sanding after welding, without heat deformation during welding

Technical parameters

Model	LM-2000
Laser type	Fiber laser, 1080nm
Laser power	1000W / 1500W / 2000W / 3000w
Cable length	5 meter (8 meter is optional)
Welding speed	0-120mm/sec
Welding thickness	0.5-3mm
Cooling method	Water cooling

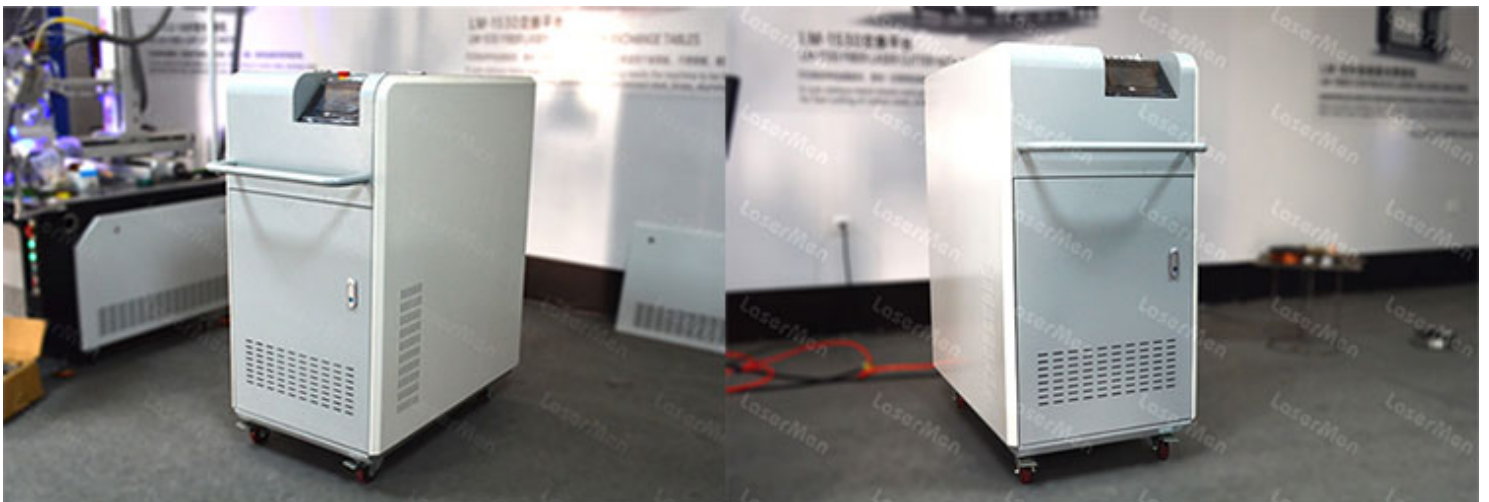
Gas assist	Nitrogen
Visual positioning	Red dot
Machine dimension	104*61*122cm
Machine weight	Net 300kgs
Working voltage	220V 50HZ/60HZ

Video

[LaserMen] 1500w handheld fiber metal welding and c...



Machine details



Wobble welding head
with high speed servo motor



Laser source: Higher photoelectric conversion efficiency

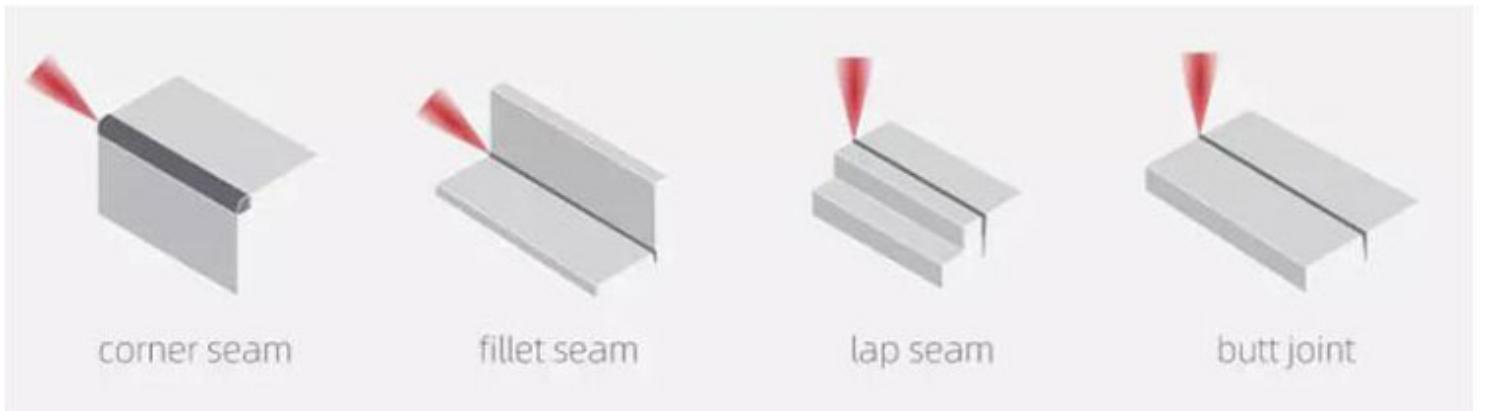
Better and more stable beam quality

Powerful chiller: Provide cooling protection for laser and laser head
ensure the stability of the production process and prolong the service life





Welding technology



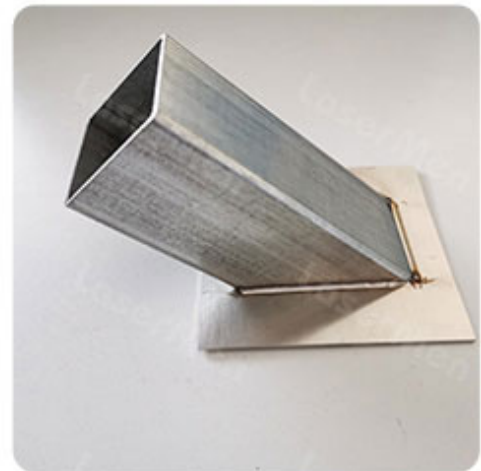
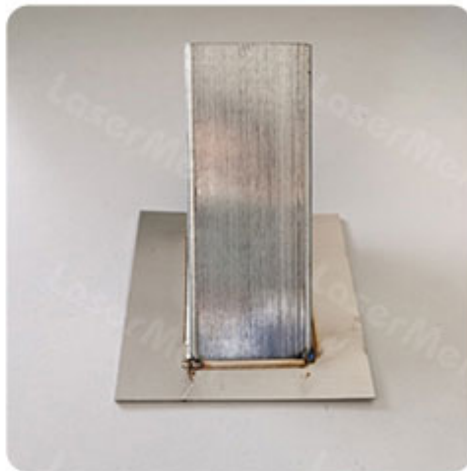
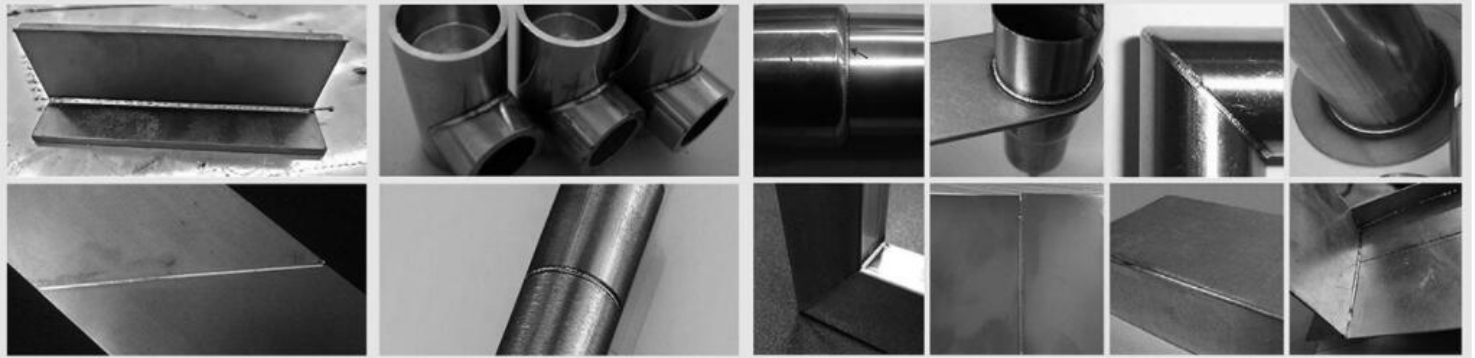
Factory display

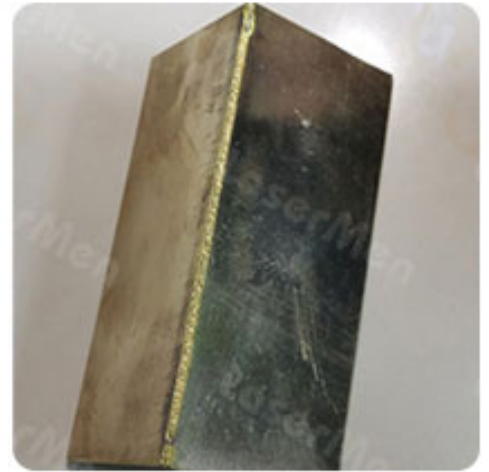
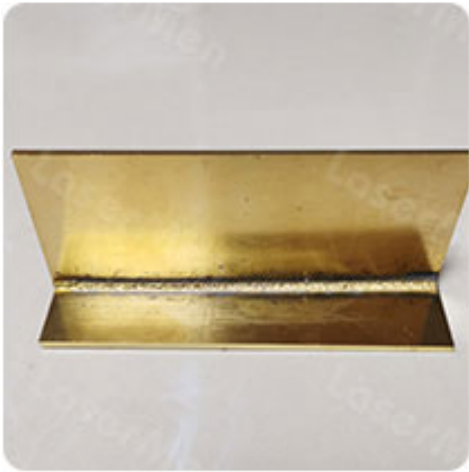
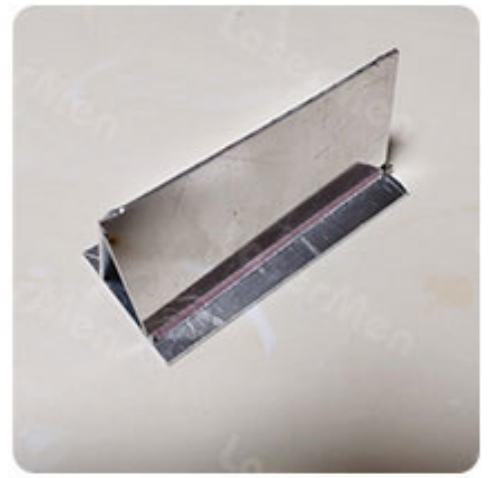
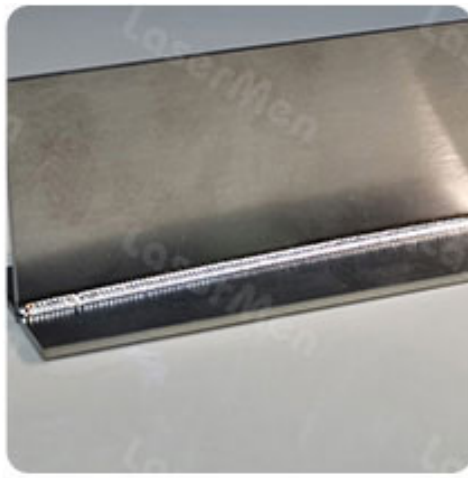


Machine Application

It can weld metallic, such as stainless steel, carbon steel, aluminum, galvanized sheet, brass, etc. It is widely applied in advertising industry, high pressure / low voltage electrical cabinet production, textile machinery accessories, kitchen appliances, cars, machinery, elevators, electrical accessories, spring coil pieces, metro line parts and other industries.

It is widely used in stair elevators, shelves, ovens, stainless steel door and window guardrails, distribution boxes, stainless steel home and other industries complex irregular welding process.





Related Products



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