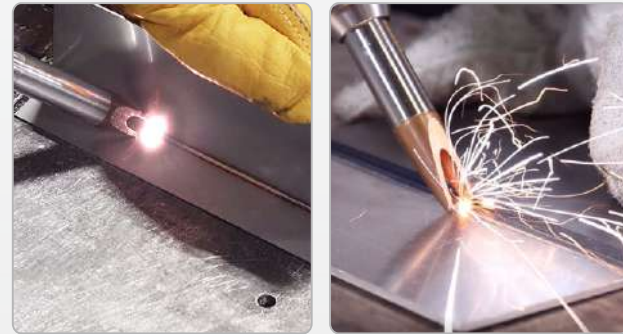




## MW1500/MW2000

### THREE-IN-ONE LASER HANDHELD WELDING MACHINE

The handheld fiber laser welding machine consists of an integrated cabinet, fiber laser, cooling water circulation system, laser control system and handheld welding head. Hand-held welding machine equipped with wire feeder can tolerate larger assembly gaps and errors, and improve work efficiency and weld strength.



### Product Details

- ✔ Advanced high-precision robots have a wide range of motion, low failure rate and easy maintenance.
- ✔ The flexible processing system adopts PLC control to facilitate the management of multiple processing procedures and fixtures.
- ✔ The equipment is equipped with bus communication options and equipped with gas pressure sensors to avoid rapid damage to consumables.
- ✔ Optional walking axis, gantry, base or positioner to expand the processing range of a single robot.
- ✔ It can be equipped with standard/swing/galvanometer welding head, welding seam tracking/detection system, wire feeder, coaxial/paraxial air blowing, etc.
- ✔ Laser welding speed is 5- 10 times faster than traditional welding machine.

## R1800W

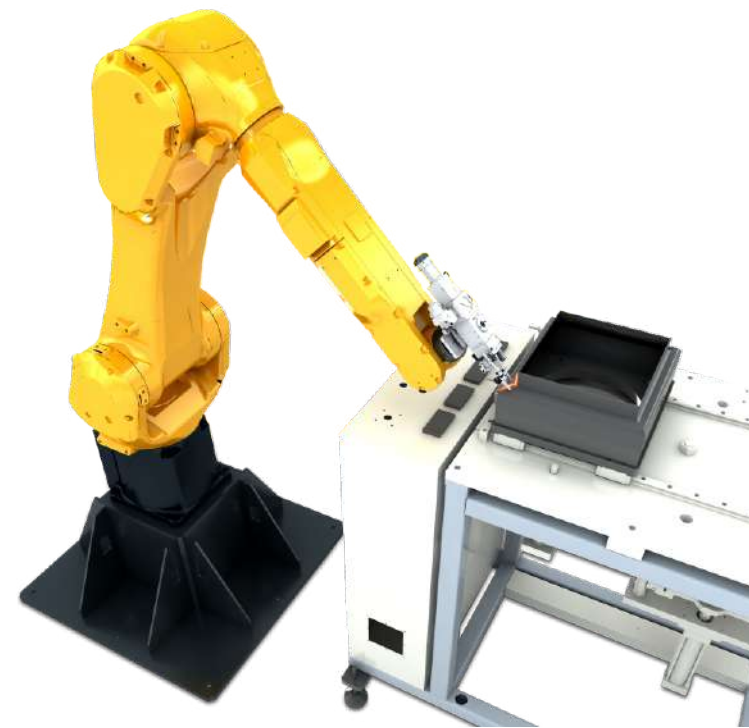
### 3D ROBOT FIBER LASER WELDING MACHINE

### Suitable Materials

Mild steel, stainless steel, aluminium, GI sheet...

### Applications

Automobile field, kitchenware and bathroom, medical equipment, electronic components, etc.



## Configuration And Parameters

Type	MW1500	MW2000
Laser power	1500W	2000W
Laser mode	Continuous\Pulse	
Laser wavelength	1064NM	
Beam quality	M2<1.2	M2<1.5
Laser swing range	0-5mm	
Output power stability	±2%	±2%
Power requirements	220V±10%, single phase	
Whole power consumption	≤9KW	≤12KW
Cooling system	Customized industrial-grade dual-temperature dual-control chiller	
Fiber cable length	10M customized	
Working environment temperature range	15~35°C	
Working environment humidity	< 70% without condensation	
Welding thickness	MAX3mm	MAX5mm
Suitable materials	Stainless steel, carbon steel, aluminum, galvanized sheet, copper, etc.	
Welding seam requirements	<0.2mm	
Welding speed	0~120mm/s	

## COMPANY PROFILE

Wuhan Golden Laser Co., Ltd. was established in 2005 and listed on the Shenzhen Stock Market in 2011. It is a digital technology commercial application solution provider.

Golden Laser has made significant growth in the fields of metal sheet cutting, tube cutting, and laser welding. The sheet cutting series include fully enclosed exchange table series, sheet and tube Combo series, open table cutting series, and precision small-format cutting series. The tube series include automatic tube cutting series and semi-automatic tube cutting series.

Golden Laser has achieved a huge response worldwide, and its equipment is exported to more than 120 countries and regions on 5 continents. It has signed agency cooperation agreements with more than 50 countries including the United States, Germany, Britain, France, South Korea, India, Australia, South Africa, Taiwan, Hungary, Mexico, Colombia, Russia, and Spain.

Now, Golden Laser is becoming the vanguard of subverting traditional crafts with the strength of icebreaker. Golden Laser, always on the way!



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## THREE-DIMENSIONAL ROBOT SERIES



Metal Fabrication Laser Solution Provider  
Laser Tube | Sheet Metal | Automation | Laser Robot