

## SF1500HWM

### Handheld Fiber Laser Welding Machine

Fiber Laser Welding is a welding technology used to create a strong joint between several metal components with fiber laser. Fiber laser produces a beam of high-intensity that is concentrated into one spot. This concentrated heat source enables fine, deep welding with high welding speed.

Handheld fiber laser welding machine is used to weld metal plates and metal tubes.

### Machine Details



### Technical Parameters

Model	handheld laser welding machine
Laser Power(kw)	1.5/2
Welding Speed(mm/s)	≤120mm/s
Welding Gap	≤1/5 of the thickness of sheet metal
Welding range(mm)	0.5~4 carbon steel; 0.5~4stainless steel; 0.5~3 aluminum
Fiber Length(m)	Standard 10
Cooling Mode	Water cooling
Electromechanical	380V/50HZ 220V optional

### Application Industries

Laser welding machine can be used in welding stainless steel, luminum, copper, chromium, nickel, titanium and other metals or alloys.

Fiber laser welding machine is widely used in IT industry, medical equipment, communications equipment, aerospace, machinery manufacturing, battery manufacturing, elevator manufacturing, craft gifts, household appliances manufacturing, tooling, gears, automobile shipbuilding, and other industries.

### Application Show

