



Handheld Fiber Laser Welding Machine STW 1000 & 2000

Technical Specification

- Laser Power — 1000W -2000W
- Welding Head — Wobble Laser Welding Head
- Center Wavelength — 1070±5nm
- Output Power Stability — <2%
- Laser Frequency — 50Hz-5KHz
- Adjustable Power Range — 5-100%
- Electricity Demand — AC220V,50Hz / Triphase 380V,50 Hz
- Output Fiber Length — 15m (Optional)
- Cooling Method — Water Cooling
- Auxiliary Gas — N2 / Ar
- Dimensions — 114*67*140cm
- Weight — 280kg
- Cooling Water Temperature — 20-25 ° C
- Average Power Consumption — 4kw/hour
- Optimal Operating Environment — Temperature 10-35 °C, Humidity 20% -80%



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Machine Features :

-  Easy to Operate
-  Cost Effective
-  Faster then Traditional Welding Machine
-  Portable Laser Welding Head
-  Small Occupation of Space
-  Safety Protection Design

Welding Capacity

Power	1000w	2000w
Mild Steel	≤ 4mm	≤ 5mm
Stainless Steel	≤ 3mm	≤ 4mm
Galvanized	≤ 2mm	≤ 3mm
Al /Brass	≤ 2mm	≤ 3mm

Welding Samples

