

FMW-F

Handheld Air-cooled Laser Welding Machine

FLEXIBLE AND POWERFUL HANDHELD LASER WELDING TOOL



Laser Power

700/1200w

Welding Thickness of SS

0.2-3mm

Welding Thickness of AL

0.2-2mm

PRODUCT OVERVIEW

The Advantages of Air-cooling
Welding Technology



The FMW-F series handheld air-cooled laser welding machine combines the advantages of high electro-optical conversion efficiency, high output power, compact structure, maintenance free, etc., with a wide range of applications and lower operating costs.

TYPICAL PROCESSING

Two Lightweight Designs to Meet
Diverse Welding Needs



Mobile or desktop hand-held welding machines can be selected according to your processing needs. The lightweight design integrates a comprehensive welding process parameter package to meet the welding needs of different scenarios.

SAVE YOUR MONEY

Integrate Welding, Cutting and Cleaning

FMW-F integrated welding, cutting, and cleaning functions, equipped with a comprehensive process parameter package, saving your processing costs.

**EASY TO OPERATE**

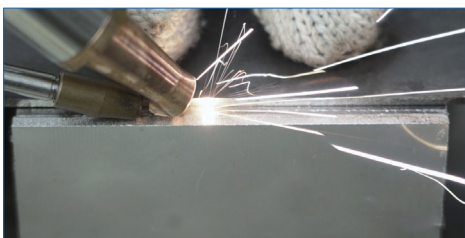
Easy to Operate, and User-friendly

The light spot can be adjusted to meet any welding requirements and is suitable for various complex welds, overcoming the limitations of the workbench. Welding speed is fast, 3-5 times faster than argon arc welding, saving more time.

**IMPROVE WELDING QUALITY**

Beautiful Weld Seam

The weld seam is smooth and beautiful, without cracks or welding scars, reducing subsequent polishing processes and saving your costs.

**SAVE YOUR COST**

Long Life Span, Stable to Use

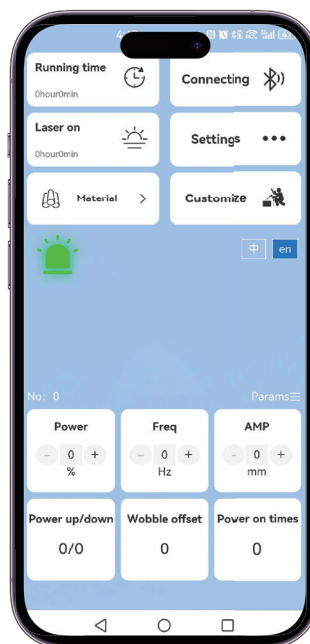
High output power and superior beam quality, capable of achieving 24-hour continuous laser output, operation, and welding. The photoelectric conversion efficiency of the laser is as high as 45%, with lower energy consumption. No maintenance is required, therefore the usage cost is low.

**INTELLIGENT CONTROL**

Device Status at a Glance

(For desktop model)

The desktop model is equipped with an APP, which can easily understand the real-time processing status of the device.



TECHNICAL PARAMETERS

	FMW-F
Laser Power	700W/1200W
Working Mode	Continuous Welding
Welding Thickness	Stainless Steel/Carbon Steel: 0.2-3mm Aluminum Galvanized sheet :0.2-2mm
Overall Dimensions	240×470×370mm (700W) 585×377×540mm(1200W)
Protective Gas Pressure	≤1Mpa

*Information and images are for reference only. Final specifications and terms are subject to the contract and may change without notice.