



1.5KW - 2KW
FIBER LASER POWER OPTIONS

**3 in 1 Handheld
Laser System
Weld, Cut & Clean**

**INCLUDES
2 YEAR LIMITED
WARRANTY**

3 in 1 Fiber Laser System - Weld, Cut, Clean

The BOSS FC Fusion is a 3-in-1 handheld Fiber Laser capable of easily cutting, welding, and cleaning metal materials. The FC Fusion can be outfitted with power options ranging from 1.5KW or 2KW; higher power is available. Call for details. The compact portable unit can be transported where and when you need it. The FC Fusion has a smaller learning curve than traditional welding and can weld up to 4x faster than TIG, with higher-quality and more consistent welds. Combining ease of use, high speed, and the ability to weld dissimilar metals, the BOSS FC Fusion was designed to cater to many industries. Widely utilized in aerospace, automotive, signage, and fabrication industries, the Boss Laser FC Fusion embodies efficiency and versatility, promising to enhance productivity and raise the standards of your metalworking operations.

FEATURES:

- 1.5KW's or upgrade to 2KW Fiber Laser Power
- Easy to use - Even for novices
- Laser Precision: regulate the power of the laser to ensure the perfect weld
- Ultra Fast: Allows you to weld up to 4x faster compared to TIG
- Minimal heat affected zone
- Easily weld dissimilar metals such as copper and aluminum
- Built in safety mechanisms
- Designed & Engineered in the USA
- Quality Management System (QMS) - ISO-9001 Certified
- Warehoused replacement parts & accessories
- Tech Support For Life Via. BOSS' In-House Laser Tech's And Engineers
- Two (2) year warranty on parts - One (1) year on laser tube
- We 100% Guarantee With Our 30-Day Guarantee Return Policy



SPECIFICATIONS

Laser Power	1500W/2000W, 1.5KW/2KW	Wavelength	1080±5 nm
Cooling	Water Cooling	Frequency	50-20,000
Power Regulation Range	10-100	Warranty	Two (2) year limited
Beam Parameter Product	BPP <1.5(mm ² ·mrad)	LCD Screen	Touchscreen
Fiber Core Diameter	50 (14, 20, 100, 200 optional)	Class	Class 4 laser
Output Light Length	10	Power Requirements	220±10% V AC 50/60Hz
Power Consumption	Max. 8000 W	Placement Environment	Flat, vibration and impact free