

Bodor Eco Series

Self-Cooling Handheld Laser Welder



Deep Fusion Perfect Weld

This machine welds with full penetration in a single pass, resulting in superior quality.



4-in-1 Beyond Limits

Welding

Cleaning

Rust Removal

Cutting

500H Aging Test Proven Performance

Extreme Fusion Depth: 4–5 mm

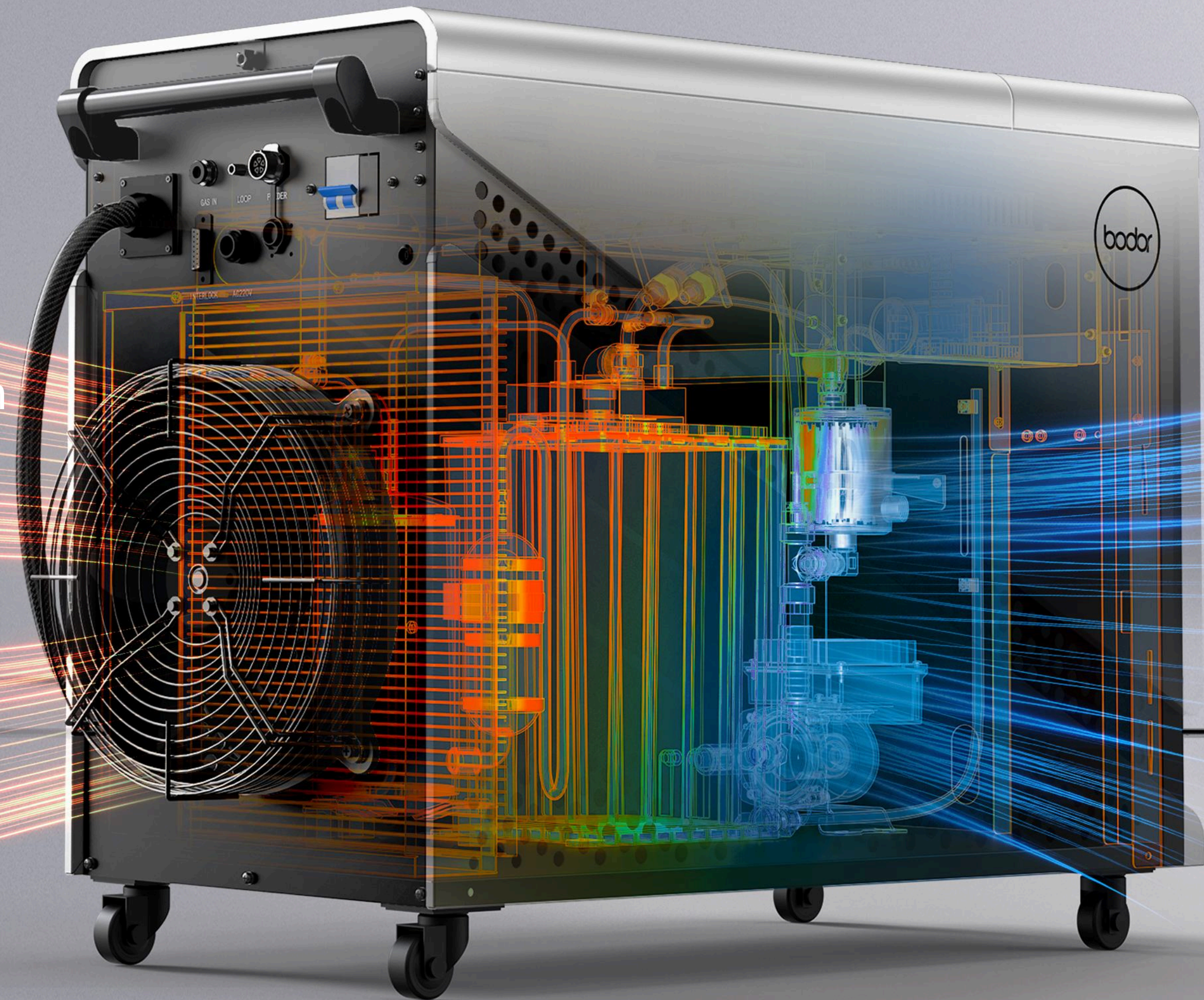
Welding Speed in Extreme Fusion Depth: 50 cm/min

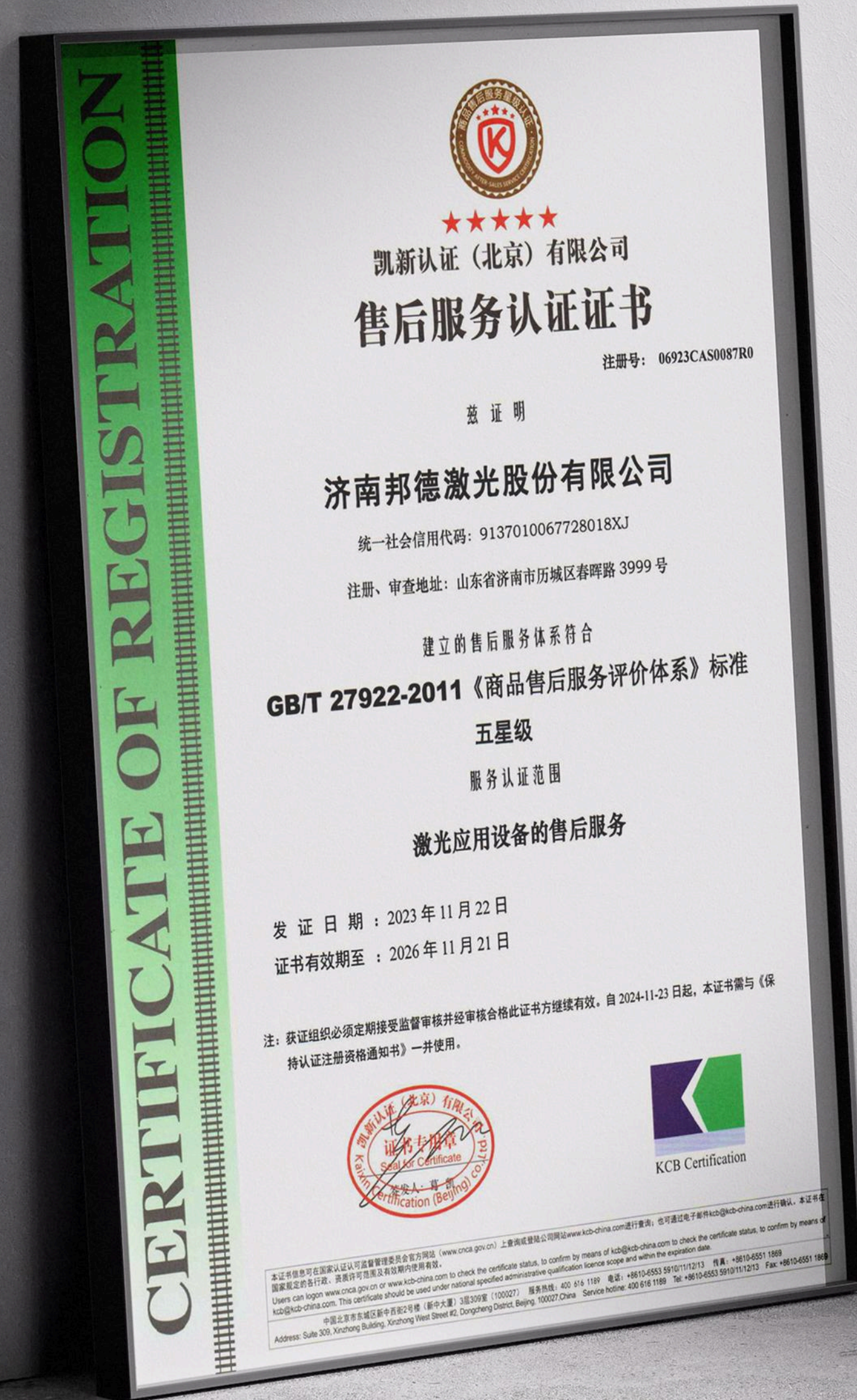
40 °C

Temperature

500 h

The Device Underwent 500 Hours
Of Continuous Full-Power Operation





360° Service Care Around the Clock

The Machine

2 year

full warranty

All Day

24h

professional
after-sales support

Nationwide

400+

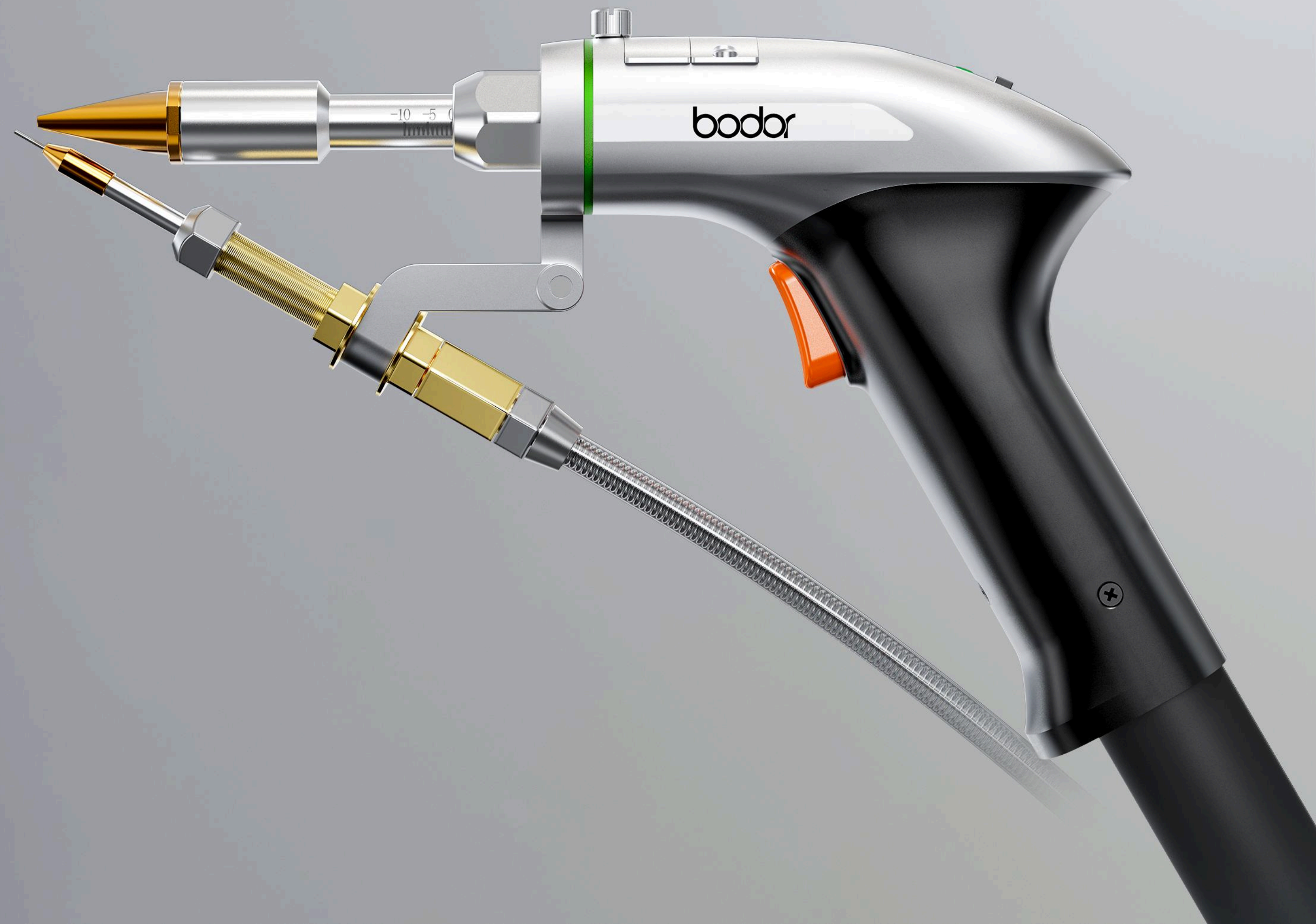
on-site service experts nationwide
ready to assist you whenever and wherever needed

Wand Torch Now Upgraded

Ergonomic design delivers a brand-new grip, and the upgraded wire-cutting process ensures smooth operation even for beginners.

Torch Weight Reduced By

15%



New Interaction Fresh Experience

The device features a 7-inch touchscreen with visualized parameters and a built-in expert process library — just select the material and start welding.



Pulse Spot Welding

Eco Series can easily handle ultra-thin sheet welding and achieve flawless fish-scale welds, making you a welding master in seconds.

Min. Thickness

0.2 mm

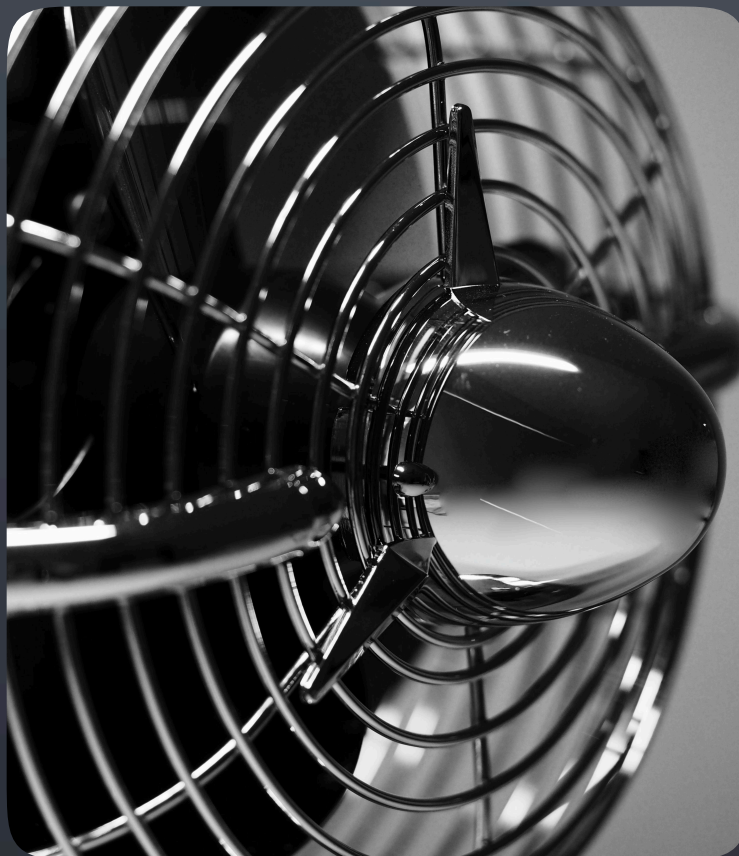




Self-Cooling Handheld Laser Welding Machine

Applicable Industries

Widely applied in kitchenware, sheet metal processing, stainless steel products, ventilation ducts, shelves, crafts, stair handrails, computer cases, furniture, home appliances and other industries.

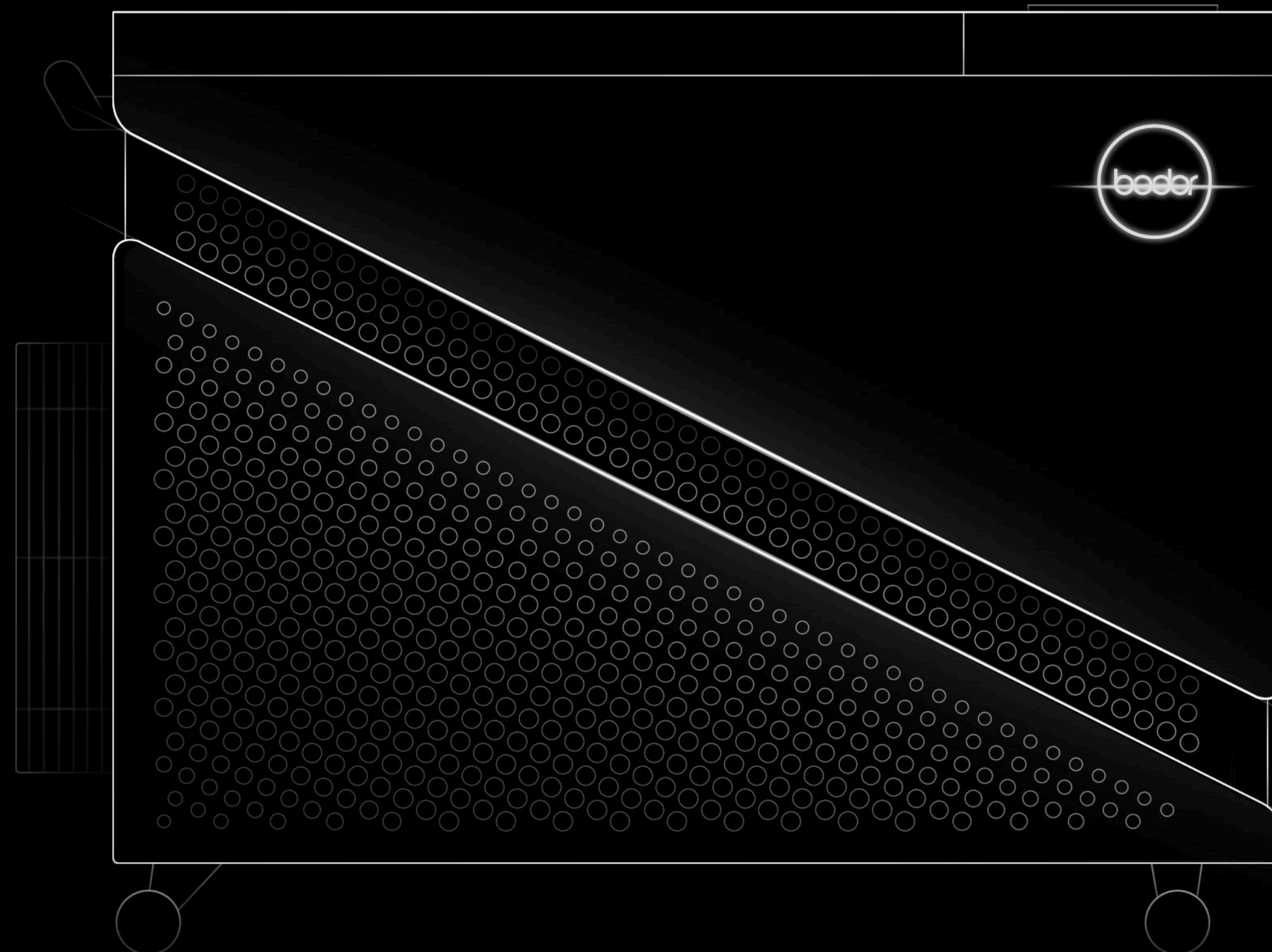




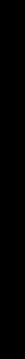
Eco Series Parameters

	Eco 4	Eco 5
Length Of Optical Fiber Cable	10m±0.5m	10m±0.5m
Welding Thickness	Carbon Steel : 4mm Stainless Steel : 4mm	Carbon Steel : 5mm Stainless Steel : 5mm
Input Voltage	220V	220V
Operating Ambient Temperature Range	-20℃ to 40℃	-20℃ to 40℃
Weight	80kg	90kg
Dimensions	1005mm×750mm×520mm	1005mm×750mm×520mm

Deep Fusion Perfect Weld



bodor



No.1