

Bodor Fan

SERIES

Air-Cooled Handheld Laser Welder





Lighter Easier to Weld

The Fan Series features an upgraded lightweight design, making welding easier and more comfortable.



Lighter

Wand Laser Welding Torch

Lightweight Easy to Handle

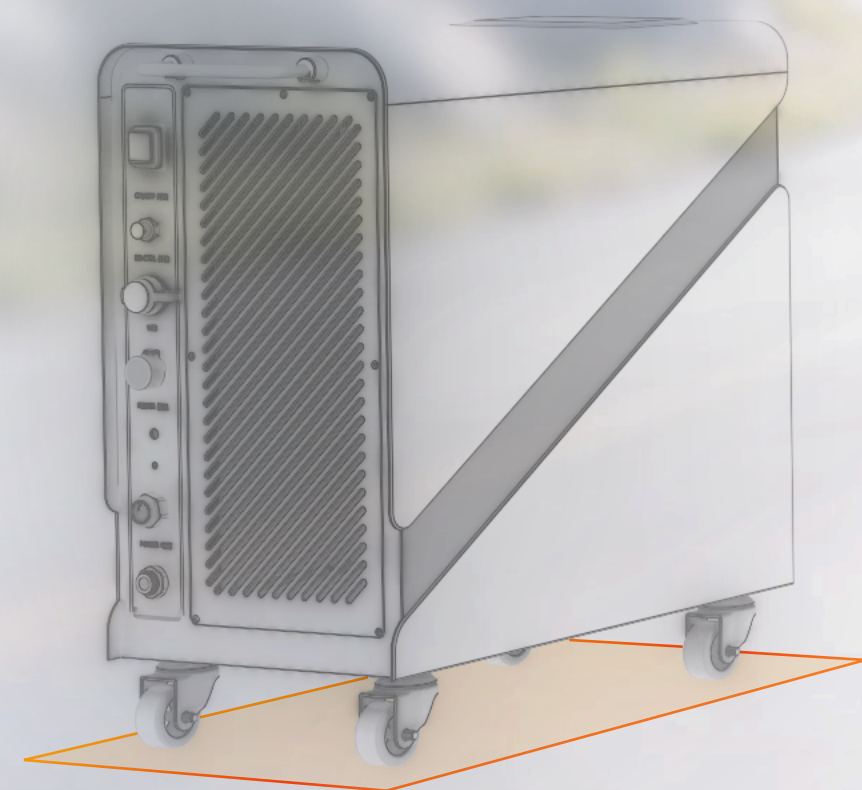
An ergonomic design delivers a brand-new user experience. The Wand welding torch weighs only 650 g—15% lighter than the previous generation—offering a lighter, more comfortable grip and making operation easier for everyone, including female users.

Lighter

Take It Anywhere

Ready to Weld Anywhere

With a footprint of less than 0.2 m² and a size comparable to a 24-inch suitcase, the machine easily fits into a car trunk—ready to go wherever you need it, from construction sites and outdoor emergency repairs to home maintenance.



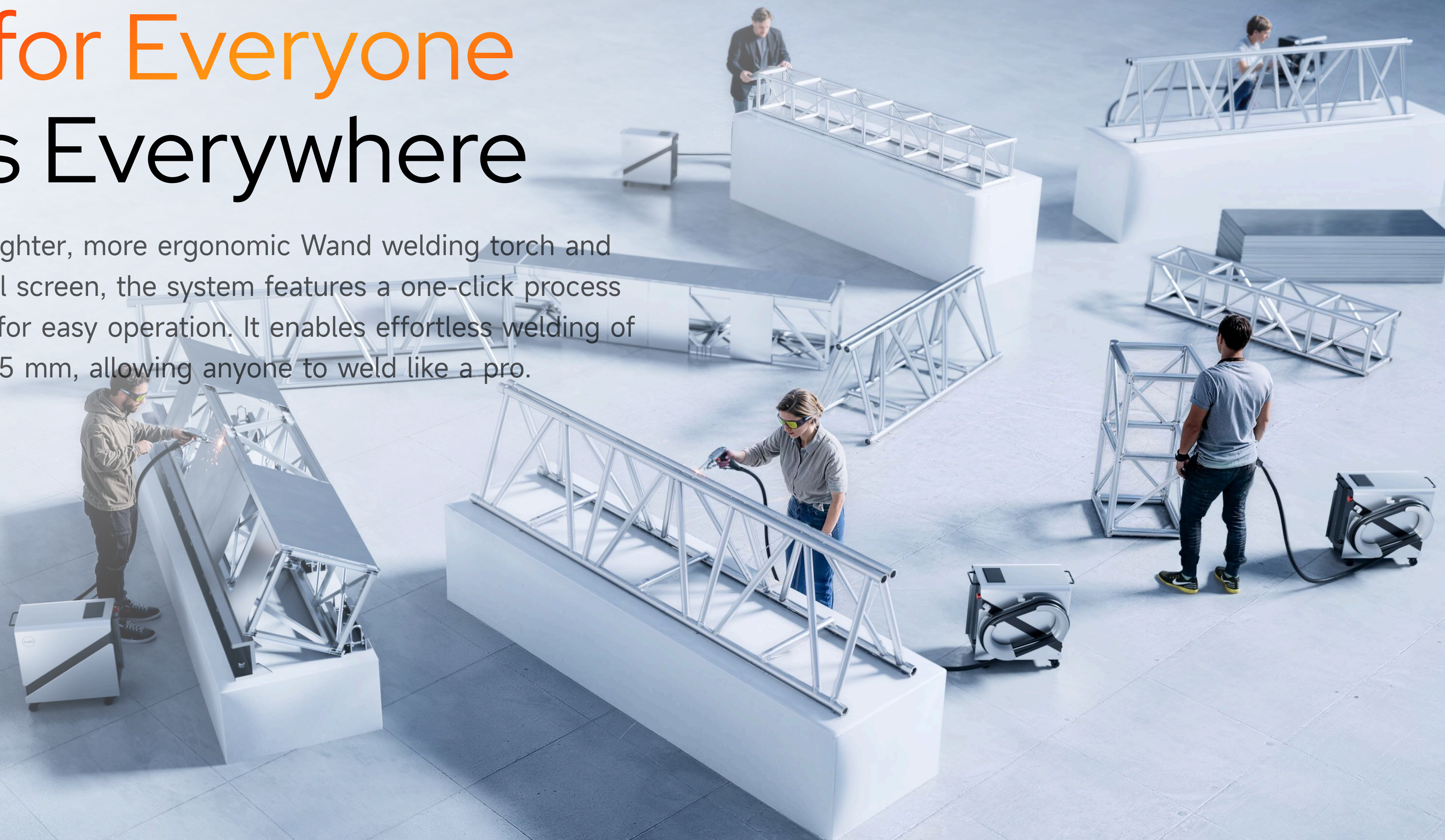
Footprint < 0.2 m²



Easier to Weld

Easy for Everyone Works Everywhere

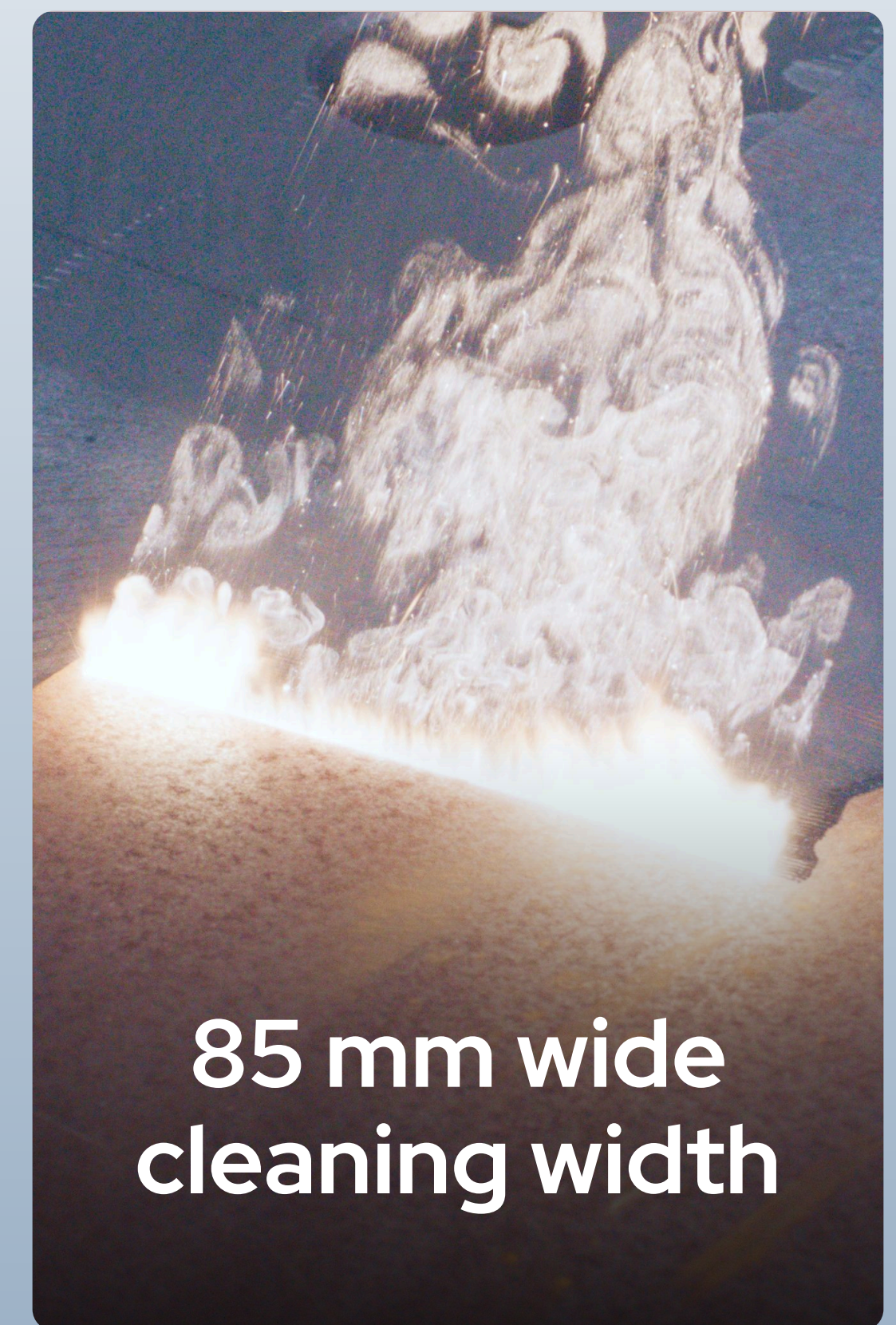
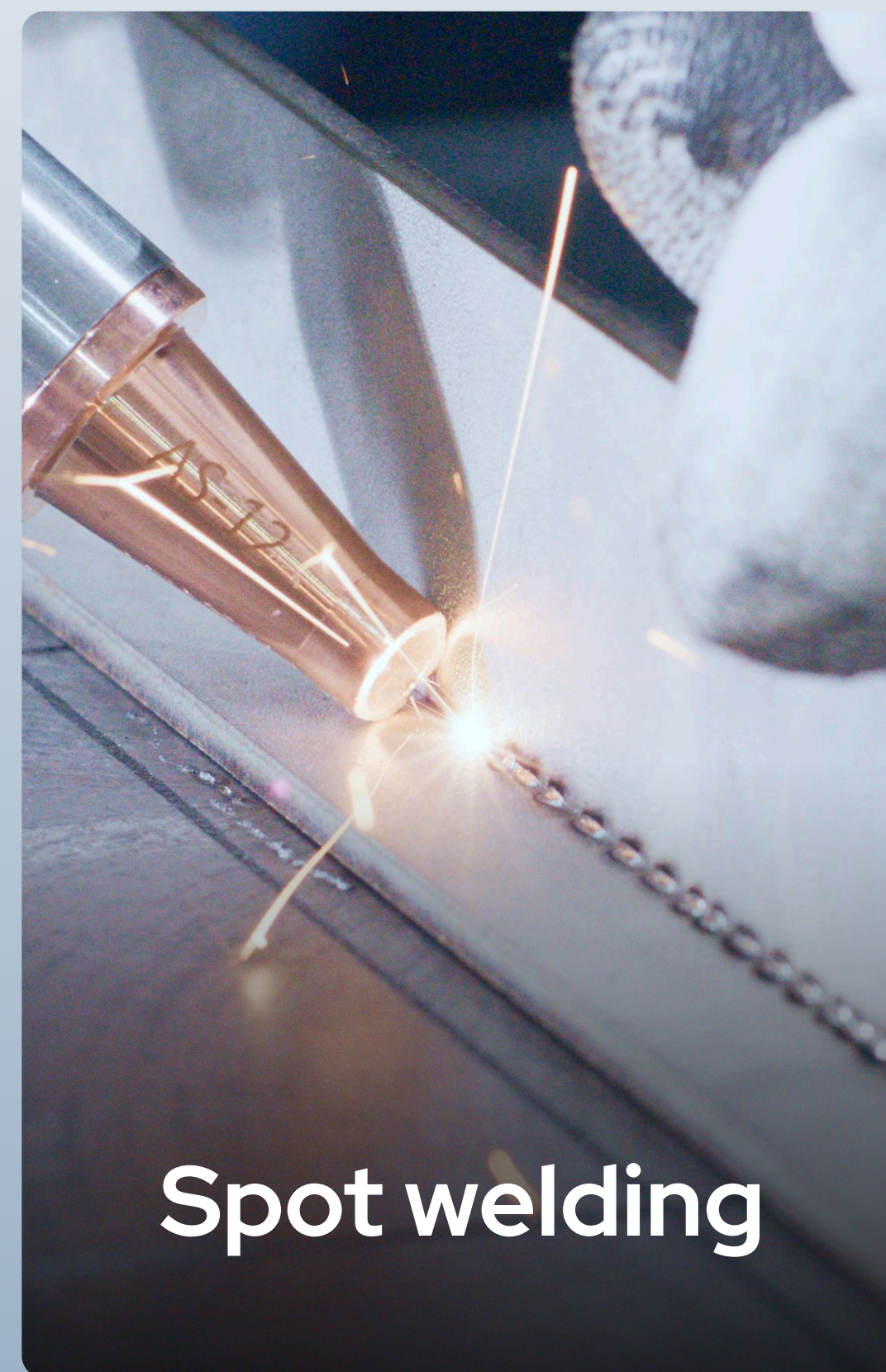
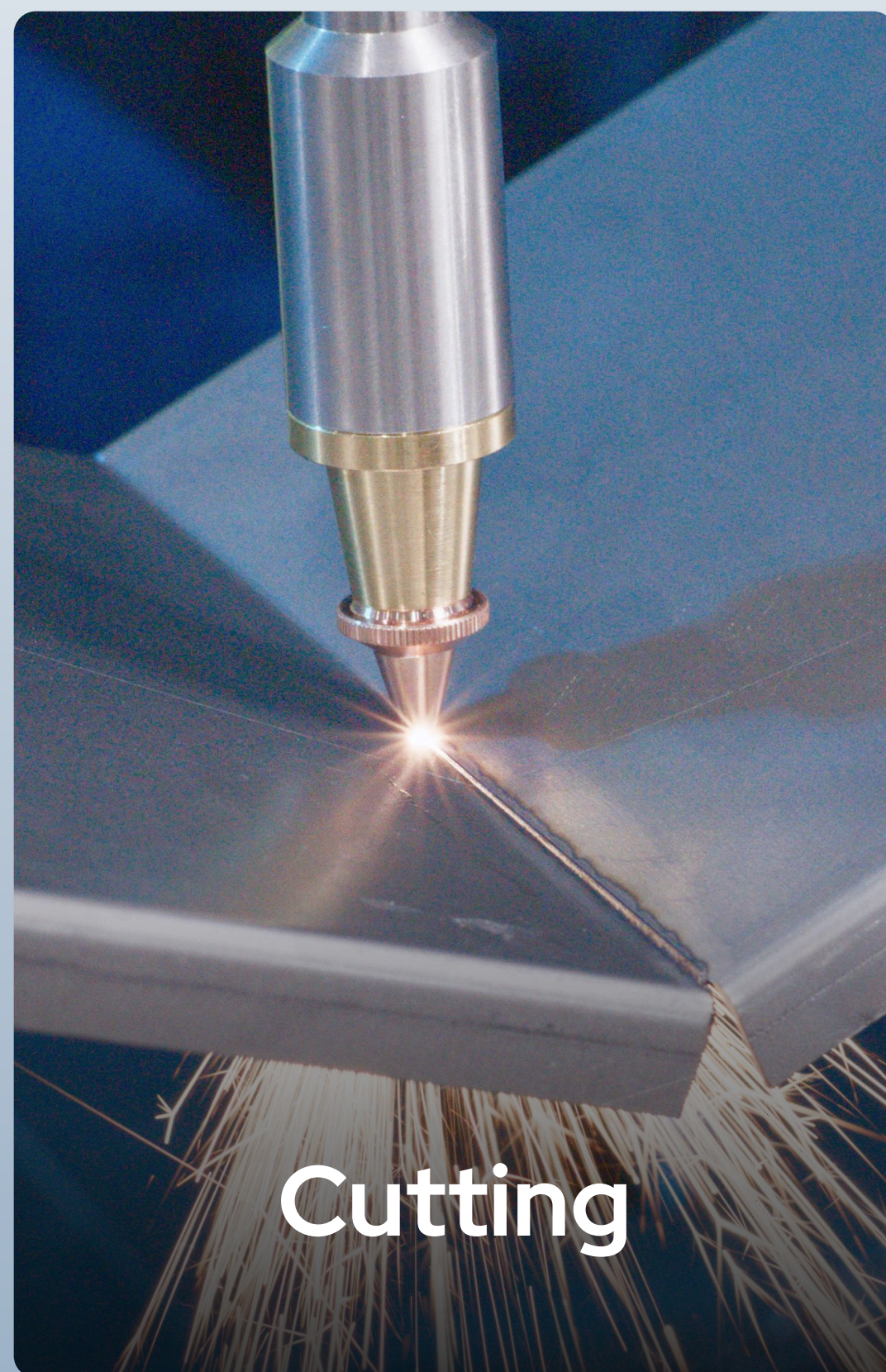
Equipped with a lighter, more ergonomic Wand welding torch and an intuitive control screen, the system features a one-click process parameter library for easy operation. It enables effortless welding of thin plates up to 5 mm, allowing anyone to weld like a pro.



More Capabilities **Less Complexity**

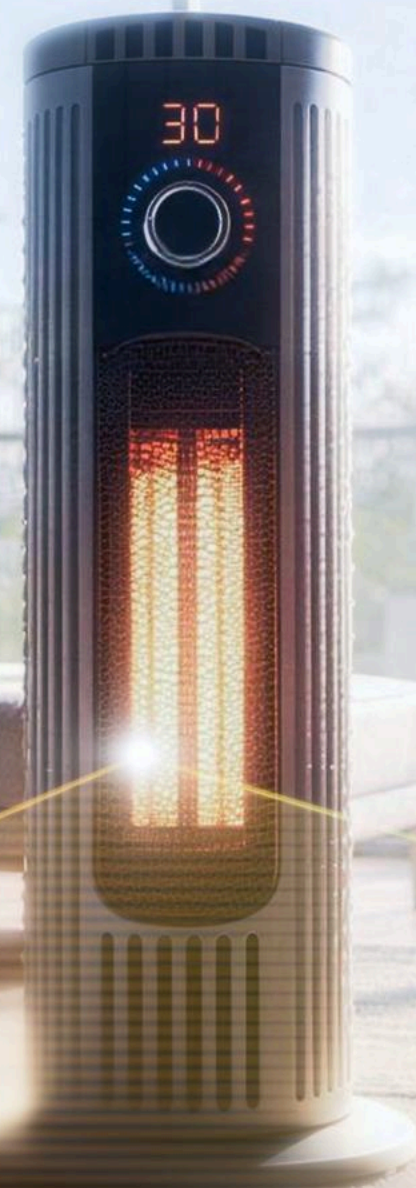
This machine integrates cutting, welding, and cleaning in one system.

Seamless spot welding and fish-scale welding modes can be switched freely. With an 85 mm wide cleaning width, it enables more efficient large-area cleaning. Multiple processes, all at your fingertips.



Lower Energy Lower Cost

At full welding power, the machine consumes energy comparable to a household electric water heater or space heater. With appliance-level low power consumption, it uses less electricity and helps reduce operating costs.



Note: Data is sourced from the Bodor Laser Laboratory.

Optional

Perfect Partner Stronger Performance

The Fan Series can work collaboratively with industrial robots and serve as the welding execution unit of automated production lines, enabling standardized, efficient, and batch processing of sheet metal.



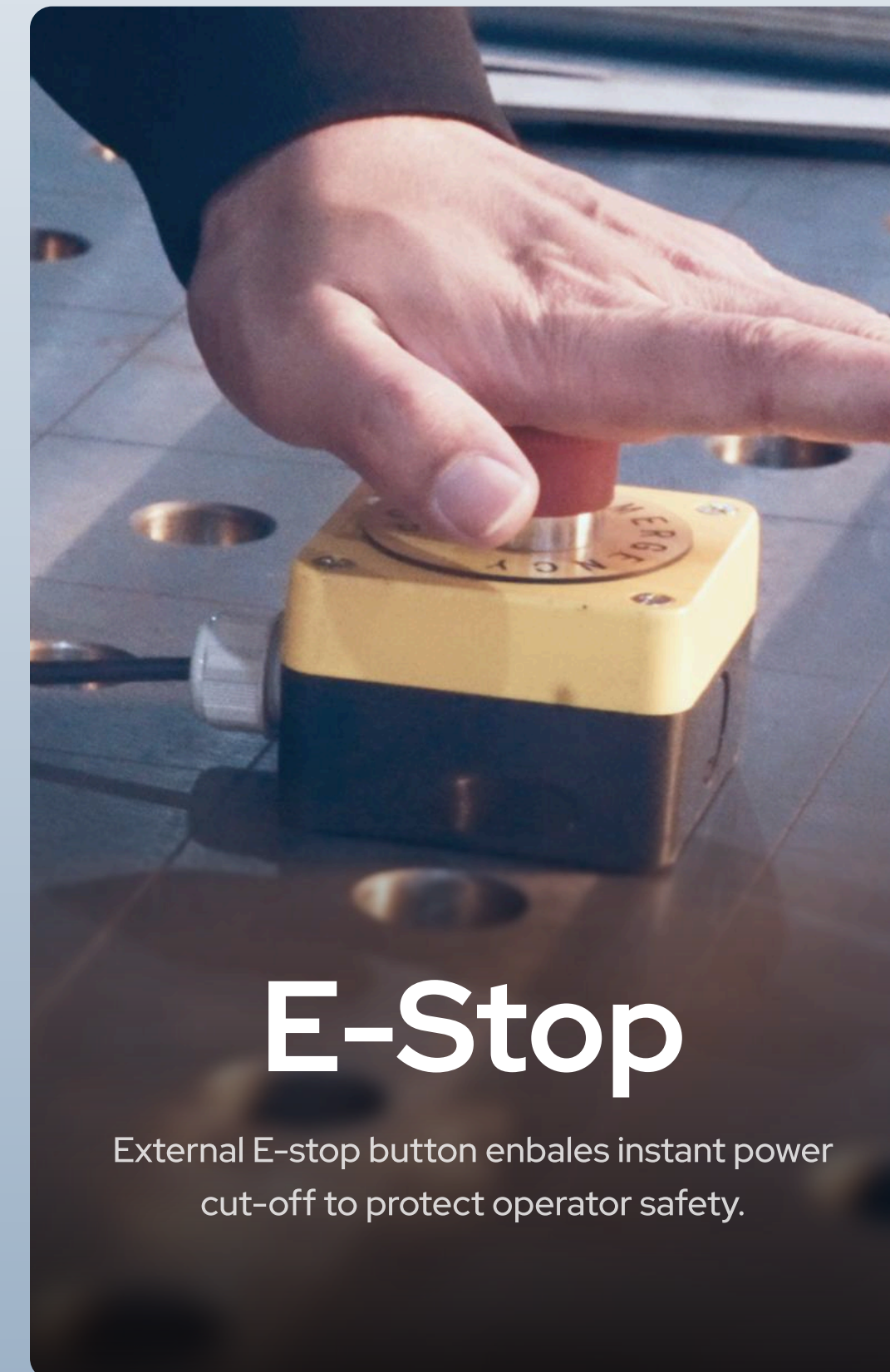
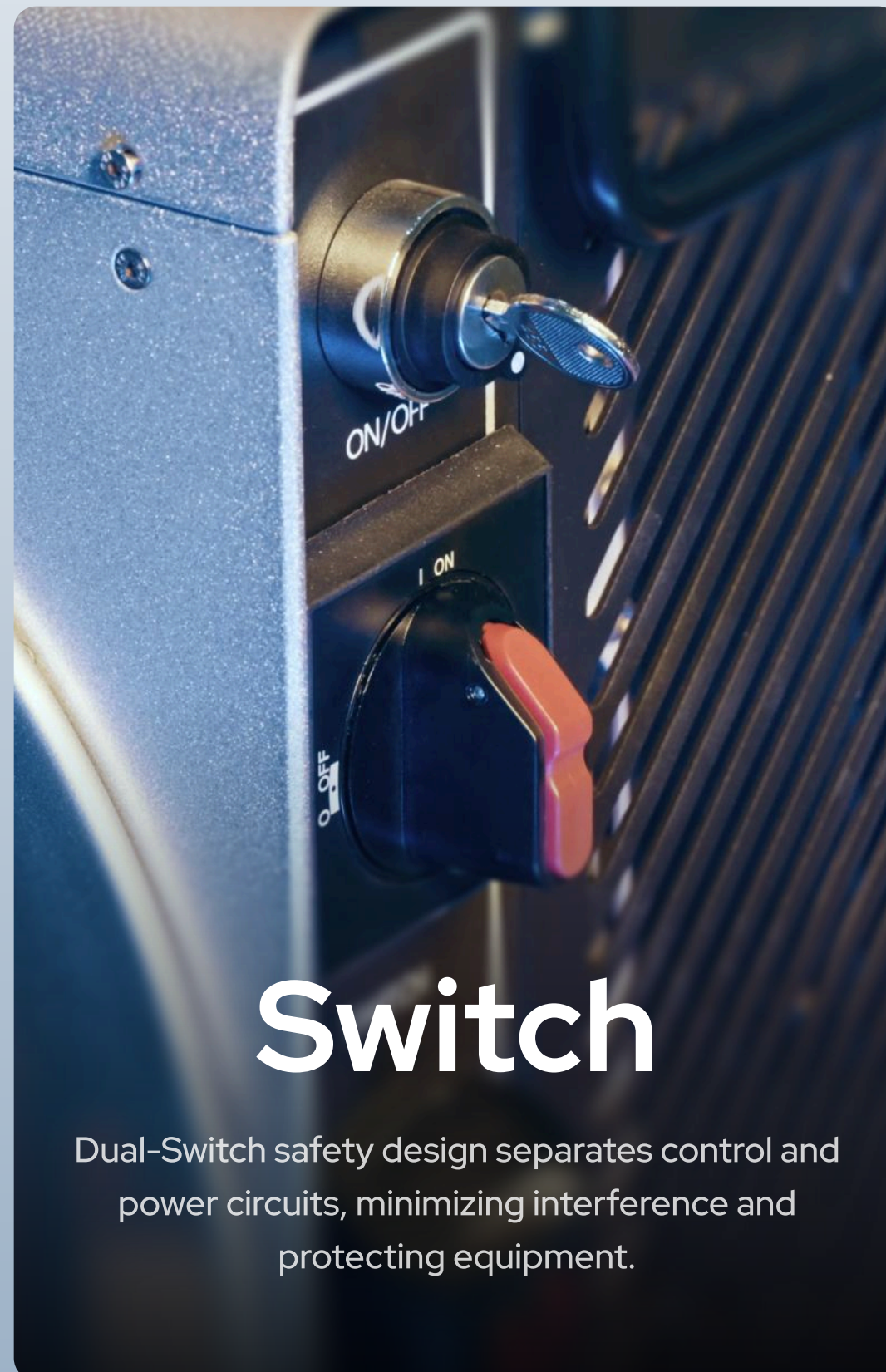
Global Standard **Safe & Sustainable**

Certified by SGS and compliant with CE and cUS standards.



Fan delivers upgraded safety and usability

combining international-standard design with user-friendly features for worldwide applications.



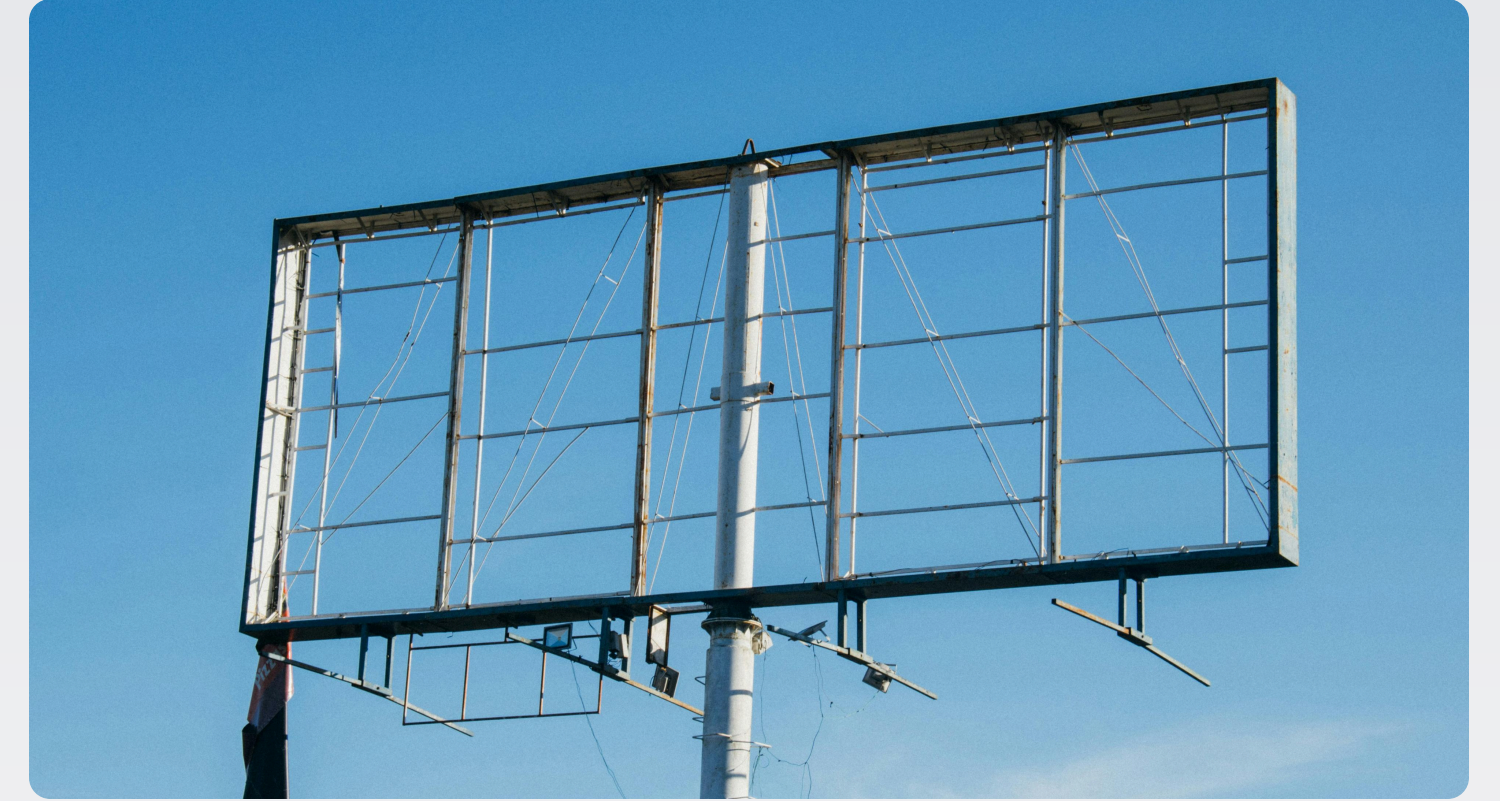


Comprehensive Service End-to-End Coverage

The complete system is backed by an extended 2-year warranty, supported by 24/7 professional after-sales service. With over 400 on-site service centers nationwide and more than 1,000 service experts worldwide, support is always close at hand.

Applicable Industries

Widely applied in industries such as sheet metal fabrication, home appliances, hardware & kitchenware, and advertising decoration.



Parameters

Fan2

Fan3

Fan4

Fan5

Fiber Cable Length	5m±0.5m	5m±0.5m	5m±0.5m	5m±0.5m
Welding Thickness	Carbon Steel / Stainless Steel: 2 mm	Carbon Steel / Stainless Steel: 3 mm	Carbon Steel / Stainless Steel: 4mm	Carbon Steel / Stainless Steel: 5 mm
Input Voltage	220V	220V	220V	220V
Operating Ambient Temperature	-20°C-40°C	-20°C-40°C	-20°C-40°C	-20°C-40°C
Weight	30KG	32KG	39KG	41KG
Dimensions	500×370×480mm	500×370×480mm	515×380×564mm	515×380×564mm
Total Power Consumption	1650W	2250W	2900W	3400W

* For detailed product specifications and functions, please visit the product showroom or contact Bodor Laser sales.

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