

LASER WELDING MACHINE **SPARTUS®** easy 1500

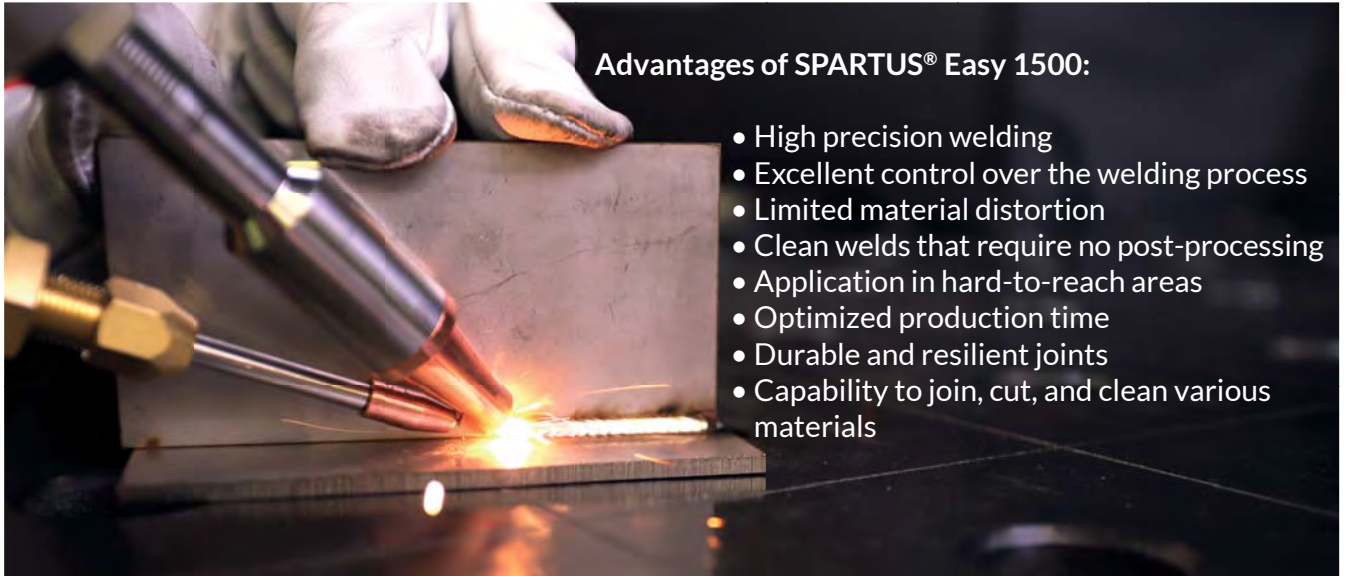


WELDING
CUTTING
CLEANING



SPARTUS® easy 1500

The **SPARTUS® Easy 1500** laser welder is the key to achieving unparalleled quality in connections. This device surpasses traditional welding methods like MIG or TIG due to the exceptional precision it offers. The laser enables the creation of significantly smaller, microscopic-sized welds, thereby minimizing the heat-affected zone on the surrounding material. Consequently, laser welding is an excellent choice for joining even the tiniest components that are challenging to weld using other welding methods.

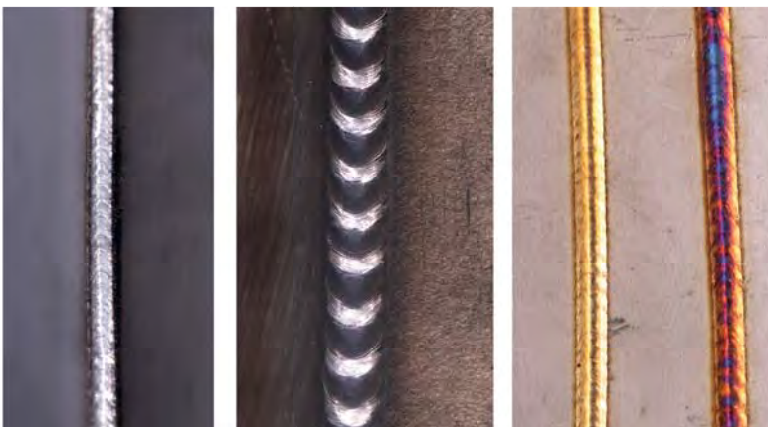


Advantages of SPARTUS® Easy 1500:

- High precision welding
- Excellent control over the welding process
- Limited material distortion
- Clean welds that require no post-processing
- Application in hard-to-reach areas
- Optimized production time
- Durable and resilient joints
- Capability to join, cut, and clean various materials

WIRE FEEDER

The wire feeder for the **SPARTUS® Easy 1500** laser welder is a device that precisely delivers welding material to the welding area. This is crucial for controlling welding parameters, improving weld quality, and enhancing process efficiency. It automates the wire feeding, allowing the operator to focus on monitoring the welding process. As a result, the wire feeder is a significant tool in laser welding, especially in industrial production.



WELDING MATERIALS

Stainless Steel	1 - 4mm
Carbon Steel	1 - 4mm
Aluminum	1 - 4mm

TECHNICAL DETAILS

Input	230V 50/60Hz
Output power	1500W
Operating mode	continuous / modulated
Cooling type	liquid
Duty cycle	100%
Scanning speed	2 - 6000 mm/s
Scanning width	0 - 6 mm
Frequency	5 - 5000 Hz



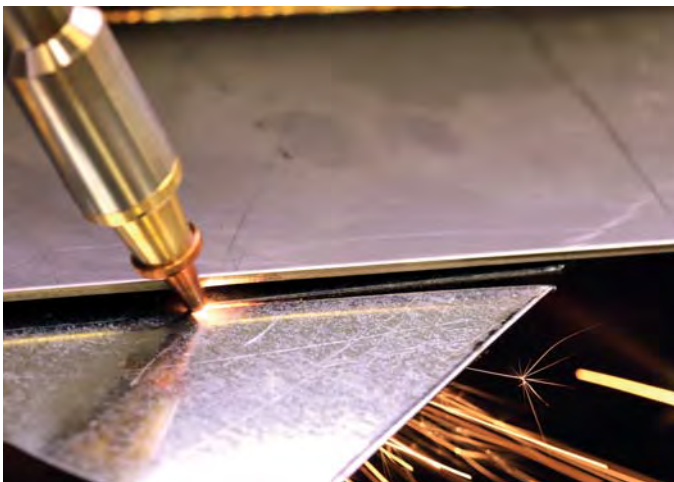
Multilingual menu: • English • German • French • Spanish • Italian • Polish • Czech • Slovak • Greek • Romanian • Portuguese • Korean • Turkish • Russian

ONE DEVICE MULTIPLE FUNCTIONS

SPARTUS® Easy 1500 is not only used for welding but also for cutting and cleaning various materials.

Laser cutting allows for precise material separation (up to 2mm), creating accurate and clean edges without the need for mechanical processing.

Laser cleaning is an effective method for removing contaminants, paint layers, or rust from material surfaces while preserving their integrity and quality. Thanks to these laser technology applications, we achieve exceptional material processing efficiency with minimal impact on their structure.

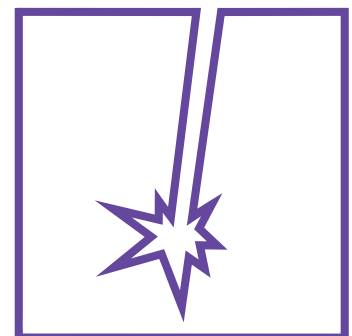


ACCESSORIES

SP050-10-008	Welding nozzle (0.8mm)
SP050-10-010	Welding nozzle (1.0mm)
SP050-10-012	Welding nozzle (1.2mm)
SP050-10-016	Welding nozzle (1.6mm)
SP050-10-003	Cutting nozzle
SP050-12-010	Graduated tube (focus adjuster)
SP050-15-008	Wire feeder tip (0.8mm)
SP050-15-010	Wire feeder tip (1.0mm)
SP050-15-012	Wire feeder tip (1.2mm)
SP050-15-016	Wire feeder tip (1.6mm)



The presentation of the
SPARTUS® Easy 1500 laser welder.



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