

# SPARTUS®



laser welder

**SPARTUS® Easy 1200AIR**



## The best Mobile Solution for Precise Material Processing

**SPARTUS® Easy 1200AIR** laser welder represents the pinnacle of technological innovation, encapsulated in a compact and mobile design. This advanced tool delivers unparalleled precision and speed, elevating the quality of welding, cutting, and cleaning tasks. Equipped with a powerful laser beam concentrated on a minimal area, the **Easy 1200AIR** ensures durable, aesthetically pleasing, and deformation-free welds. By minimizing the heat-affected zone, it significantly reduces the risk of material distortion, making it the perfect solution for even the most delicate materials. Thanks to its lightweight and compact design, the **SPARTUS® Easy 1200AIR** is ideal for use in the field, offering exceptional mobility and convenience in a wide range of settings.

**High welding precision:** the focused laser beam ensures every detail is processed with exceptional accuracy

**Control over the welding process:** enables precise management of every stage of welding.

**Reduced material distortion:** perfect for thin and delicate materials.

**Clean welds with no need for additional processing** - saving time and resources.

**Access to hard-to-reach areas:** ideal for complex and intricate applications.

**Optimized production time:** increases work efficiency.

**Durable and robust connections:** ensures long-lasting and reliable performance.

**Versatility:** suitable for welding, cutting, and cleaning a wide range of materials.

**Mobility:** compact dimensions and built-in wheels make the device highly portable, allowing for use in production halls and on-site work.

## » SPARTUS® A230 LASER HEAD

The modern laser head features an adjustable focal length for enhanced versatility. It is also equipped with a wire feeding mechanism for seamless operation. Ergonomically designed and user-friendly, it ensures precise and comfortable work for the operator. Additionally, it comes with a starter pack of nozzles for added convenience.

**BENEFITS OF  
THE SPARTUS®  
Easy 1200AIR  
LASER  
WELDER**



ONE DEVICE,   
MANY  
FUNCTIONS



» WELDING

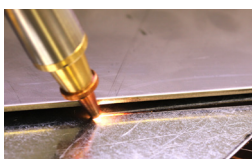


The device outperforms traditional welding methods like MIG and TIG, delivering exceptional precision that sets it apart.

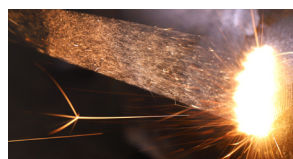
MAXIMUM MATERIAL THICKNESS	
Stainless steel	3mm
Carbon steel	3mm
Aluminum	3mm

» WELDABLE  
MATERIALS

» CUTTING



» CLEANING



SPARTUS® Easy 1200AIR is more than just a laser welder—it's a versatile multifunctional tool that also enables precise cutting and efficient surface cleaning.

» WIRE FEEDER

The wire feeder of the SPARTUS® Easy 1200AIR laser welder ensures precise and consistent delivery of welding material to the welding area. This feature is essential for maintaining control over welding parameters, enhancing weld quality, and improving process efficiency. By automating wire delivery, it allows the operator to concentrate on supervising the welding process. This makes the wire feeder an indispensable component in laser welding, particularly in industrial production environments.



TECHNICAL DETAILS

Output power	1200W
Input	230 V
Duty cycle	100%
Operating mode	continuous / modulation
Scanning speed	2 - 6 000 mm/s
Scanning width	0 - 6 mm
Frequency	5 - 5 000 Hz
Cooling type	gas
Weight	57kg
Dimensions	730 × 350 × 640mm

THE SET INCLUDES

- ✔ LASER SOURCE
- ✔ A230 HANDHELD LASER HEAD (7M) WITH F150 FOCUS LENS
- ✔ WIRE FEEDER WITH 1.2 - 1.6V F137 ROLLERS
- ✔ 2X WIRE GUIDE ROLLERS 0.8 - 1.0V F137
- ✔ INSULATED STEEL LINER
- ✔ TEFLON LINER
- ✔ SET OF SINGLE NOZZLES FOR THE LASER HEAD
- ✔ 4 SINGLE WIRE FEEDER TIPS
- ✔ PROTECTIVE LENSES



**SPARTUS<sup>®</sup>**

