

SPARTUS®



EasyCUT 40s Compressor

COMPACT PLASMA CUTTER WITH BUILT-IN COMPRESSOR

■ The SPARTUS® EasyCUT 40s Compressor is a compact inverter plasma cutter designed for cutting metals and other electrically conductive materials. It combines modern technologies with a lightweight and portable

design, and is powered by a single-phase 230V network. The SPARTUS® EasyCUT 40s Compressor functions both as a plasma cutter and an electrode welding machine.

■ PLASMA CUTTING

The **EasyCUT 40s Compressor** allows for cutting current adjustment within the range of 20 – 40A, perfectly adapting to user needs. The maximum thickness of the cut material is 20mm. The device features 2T/4T microswitch modes and post-gas adjustment. The contactless pilot arc initiation system without HF ensures excellent quality and extended lifespan of consumables.

An **integrated compressor** provides the compressed air necessary to generate a plasma arc, enabling fieldwork. A button on the front panel allows for easy switching of the air supply source.

The cutter has two operating modes:

STANDARD CUTTING is the basic mode in which the plasma stream continuously cuts the material, allowing for quick and precise cutting of metal or other conductive materials to the desired shape and size. It is the most commonly chosen option for tasks requiring smooth and even cutting edges.

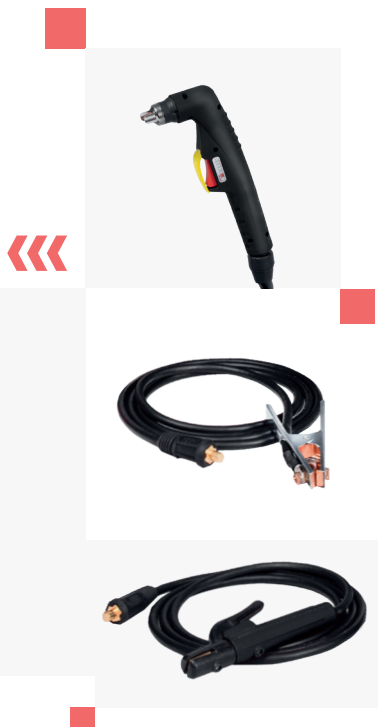
INTERMITTENT CUTTING is a specialized mode particularly useful for cutting materials with irregular surfaces, such as mesh. This function allows the cutter to maintain a stable plasma arc even when there are interruptions in contact with the material. This enables continuous cutting without the need for manual re-ignition of the arc at each break, a typical challenge when processing

meshes and similar materials. Using intermittent cutting mode significantly facilitates and accelerates the cutting process while minimizing the risk of damaging the device due to frequent arc losses and resumptions. This solution greatly enhances work efficiency, allowing for smooth and effective cutting even in complex and demanding tasks.



■ WELDING

The **EasyCUT 40s Compressor** enables coated electrode welding (MMA), which is widely used in various conditions and is ideal for steel and cast iron. The welding current adjustment in the **EasyCUT 40s Compressor** ranges from 30 to 140A, allowing flexible adjustment of parameters for various welding tasks. The device also features support functions for MMA welding, such as **HOT START**, **ARC FORCE**, and **VRD**.



■ EQUIPMENT

Plasma cutters from the SPARTUS® Easy series are sold exclusively as complete sets, including all the essential components needed to start working.

The package includes:

- EasyCUT 40s Compressor
- SPARTUS 45H 4m* plasma torch
- electrode holder
- work camp
- user's manual

* używany z osłoną dyszy – 6 otworów (60389)

■ SPARTUS® EasyCUT 40s Compressor is the perfect solution for users who value mobility and reliability. With a built-in compressor, the unit does not require an external source of compressed air, which greatly increases its versatility and ease of use. Its compact design and low weight make it exceptionally easy to transport, proving ideal both in the workshop and on-site. Robust electronics ensure stable cutting parameters, while the machine's power enables precise and efficient cutting of a wide range of materials.



» EASYCUT 40s COMPRESSOR TECHNICAL PARAMETER

Input	~1× 230V ± 10% 50 / 60 Hz	Current consumption	32A
Cutting current	20 - 40A	Power factor (cosφ)	0.68
Max. cutting thickness	20mm	Efficiency η	80
Duty cycle	35%	Insulation class	H
Output working voltage	88 - 96V	Protection class	IP21S
Recommended work pressure	3-4.5bar	Weight	13kg
Gas post flow	yes	Dimensions	510x185x295mm
Arc ignition	without HF		