

## Product Detail:

**Code:** P00477**Model:** PLASMA 46 COMPRESSOR INVERTER

The single- phase, inverter based, power source for metal plasma cutting PLASMA 46 COMPRESSOR INVERTER includes a built-in air compressor and is characterized by user-friendliness, compact design and cutting high-efficiency on small and medium thicknesses. It is particularly suitable for on-site jobs and external maintenance. It can be connected to motor-driven generators of adequate power. The recommended cutting thickness on steel is from 12 mm to 16 mm depending on the speed. The separation thickness is 22 mm. The lack of High-Frequency start makes it possible to work next to computers, medical equipment, instruments and any other electronic devices sensitive to high frequency emissions.

### MAIN FEATURES

- The built-in compressor is manufactured with CE-certified solutions using a new ceramic system that guarantees the quality of the air that comes out without pollutants such as water, oil and solid residues.
- The built-in compressor (with self-lubricating, maintenance free, double piston) ensures the operator total work independence and ease of use, since it does not require air adjustment.
- Pilot Arc to cut painted or coated metals.
- Post-gas function.
- Safety systems on the torch.
- Microprocessor-controlled cutting parameters and functions.
- Thermostatic protection.
- Its standard equipment includes a 4 m-long ECF-71C torch with EASY-FIT connection and a grounding cable.



**Technical Data:**

Code	P00477
Item	PLASMA 46 COMPRESSOR INVERTER
Input Voltage	1x230V 50HZ
Absorbed power	45% 8,6 kVA - 60% 7,8 kVA - 100% 7,0 kVA
Cutting current	10 ÷ 45 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	45% 45A - 60% 40A - 100% 35A
Cut thickness on steel	12 - 16 mm
Max separation cut	22 mm
Piercing	6 mm
Protection class	IP 23
Construction standards	EN60974 – 1 / EN60974 – 7 / EN60974 – 10
Dimensions	270x440x570h mm
Weight	25 kg

**Accessories:**

535514 4 m, hand torch ECF-71C, with EASY FIT connection

309489 *(optional)* Non-stick spray356437 *(optional)* Wheeled torch holder for ST-70 / ECF-71 ST-120309464 *(optional)* Wheeled compasses for ST-70 / ECF-71 ST-120309073 *(optional)* Helmet with variable shade auto-darkening LCD filter (9-13 DIN) to protect face and eyes during cutting and welding appliances.580002 *(optional)* Transport cart