

PLASMA 50-23 INVERTER



The three-phase power source with inverter technology for metal plasma cutting, **PLASMA 50-23 INVERTER** is characterized by compact design, low weight, easy handling, user-friendliness, cutting high-efficiency on small and medium thicknesses.

The recommended cutting thickness on steel is **from 13 mm to 20 mm** depending on the speed. The separation thickness is **25 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.

It can be **connected to motor-driven generators** of adequate power.

MAIN FEATURES

- **Pilot Arc** to cut painted or coated metals.
- Pilot Arc Start **without HF**.
- **Post-gas** function.
- Safety systems on the torch.
- Control of presence of compressed air pressure.
- **Microprocessor**-controlled cutting parameters and functions.
- **Thermostatic** protection.
- Its standard equipment includes a **4 m-long torch with EASY-FIT connection** and a grounding cable.



Ultra Cut Capacity technology that increases the cutting capacity on very thick plates.



Innovative Thin Cut technology that allows obtaining higher quality cutting with reduced Kerf (amount of removed material).



Hyper Speed Cut technology that increases the cutting speed.



Multi Piercing technology: possibility of piercing on very thick plates in a shorter time and with less wear of consumables.



Extra Life and **Low Pilot Arc** technology for increasing the performances and duration of consumables.



Long Tip Cut technology makes it possible to cut even close to very narrow angles and small spaces.

TECHNICAL DATA

M	Item	PLASMA 50-23 INVERTER
	Code	P00442
	Input voltage	3x400V 50-60Hz
	Absorbed power	35% 60% 100% 6,5kVA 4,6kVA 3,3kVA
	Cutting current	10 ÷ 50 A
	Duty cycle	35% 60% 100% 50A 35A 25A
	Mac. Cut thickness (steel)	13-20 mm
	Coarse cutting capacity	25 mm
	Stepless regulation	ELECTRONIC
	Compressed air consumption	170l/min (5bar)
	Protection class	IP23
	Construction standards	EN60974-1 EN60974-7 EN60974-10 SCC
	Dimensions	220x420x460h mm
	Weight	18 kg

We reserve the right to modify