

# PLASMA 50-24 INVERTER



INVERTER

GREENTECH



The three-phase power source with inverter technology for metal plasma cutting, **PLASMA 50-24 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** and a grounding cable, both with direct connection.



**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

<b>M</b>	Item	PLASMA 50-24 INVERTER		
	Code	P00451		
	Input voltage	3x400V 50-60Hz		
<b>P</b>	Absorbed power	35% 6,5kVA	60% 4,6kVA	100% 3,3kVA
	Cutting current	10 ÷ 50 A		
<b>X%</b>	Duty cycle	35% 50A	60% 35A	100% 25A
	Mac. Cut thickness (steel)	13-20 mm		
	Coarse cutting capacity	25 mm		
	Stepless regulation	ELECTRONIC		
	Compressed air consumption	170l/min (5bar)		
<b>IP</b>	Protection class	IP23		
	Construction standards	EN60974-1 EN60974-7 EN60974-10 <b>SCÉ</b>		
	Dimensions	220x420x460h mm		
	Weight	18 kg		

We reserve the right to modify