

PLASMA 120-60 INVERTER



INVERTER



The three-phase power source with inverter technology for metal plasma cutting, **PLASMA 120-60 INVERTER** is characterised by compact design, low weight, automatic setting of appropriate voltage within the ranges: 3x208/220/230V and 400/440V, user-friendliness and cutting high-efficiency. It's suitable for manual and automatic production applications in industrial and craft sectors. An **optional CNC interface** allows an easy integration with pantographs.

The recommended steel thickness is **40 mm**, the maximum thickness is **46 mm**. The separation thickness is **60 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

- **Automatic setting of appropriate voltage** within the following ranges: 3x208/220/230V and 400/440V.
- **Pilot Arc** to cut painted or coated metals.
- **Self Restart Pilot** function for nets and grids cutting.
- **Ultra Cut Capacity** technology to improve the cutting capacities on high thicknesses.
- **Innovative Thin Cut** technology that allows to obtain cuts of superior quality and reduced kerf (amount of removed material).
- **Hyper Speed Cut** technology enhancing the cutting speed.
- **Microprocessor**-controlled cutting parameters and functions.
- **Safety systems** on the torch.
- Cutting current is not affected by voltage fluctuations, by change of distance between torch and piece as well as by the torch travelling speed.
- Its standard equipment includes a **6 metre-long hand torch** and a grounding cable.

INVERTER POWER SOURCE FOR PLASMA CUTTING

TECHNICAL DATA

		PLASMA 120-60 INVERTER	
M	Item		
	Code	P00458	
	Input voltage	3x208-220-230V 50-60Hz	3x400-440V 50-60Hz
P	Absorbed power	60% 100% 16,6 kVA 13,9 kVA	60% 100% 20 kVA 16,6 kVA
	Cutting current	20 ÷ 100 A	20 ÷ 120 A
X%	Duty cycle	60% 100% 100A 80A	60% 100% 120A 100A
	Recommended - maximum cut thickness (steel)	40 – 46 mm	
	Coarse cutting capacity	60 mm	
	Maximum piercing capacity	25 mm	
	Compressed air consumption	250 l/min.	
IP	Protection class	IP 23	
	Construction standards	EN60974-1 EN60974-7 EN60974-10 CE S	
	Dimensions	220x540x460h mm	
	Weight	25 kg	

We reserve the right to introduce changes without notice