

PLASMA 76 INVERTER



Multi-voltage three phase DC power source with inverter technology for compressed air metal plasma cutting.

PLASMA INVERTER 76 is suitable for on-site jobs, medium-scale manual production and small-scale automatic production.

The **pilot Arc function** enables to work painted or coated metals, too, and the **Self Restart Pilot function** makes it easier to cut meshes or grids.

The recommended steel thickness to obtain the best cutting quality is 16 mm, but it is possible to cut up to 22 mm. The separation thickness is 30 mm.

MAIN FEATURES

- **Automatic setting** of appropriate **voltage** within the following ranges: 3x208/220/230V and 400/440V,
- **Automatic detection of phase presence** both upon start-up and during operation,
- **Pilot arc,**
- **High Frequency/Voltage start,**
- **“Post-gas”** function,
- **Self Restart Pilot** function for nets and grids cutting,
- **Safety systems** on the torch,
- Control and gauge for the presence of compressed air flow and thermostatic protection.
- **Microprocessor**-controlled cutting parameters and functions.
- Cutting current is not affected by voltage fluctuations, by change of distance between torch and piece as well as by the torch travelling speed.
- Possibility to be connected to generators.

INCLUDING, AS STANDARD: 6m, P70 hand torch with central adaptor; earth cable.

TECHNICAL DATA

		PLASMA 76 INVERTER	
	Item		
	Code	P00493	
	Input voltage	3x208-220-230V 50-60Hz	3x400-440V 50-60Hz
	Absorbed power	30% 8 kVA	35% 9 KVA
	Cutting current	20 ÷ 60 A	20 ÷ 70 A
	Duty cycle (10 min 40°C)	30% 60% 100% 60A 50A 40A	35% 60% 100% 70A 60A 50A
	Stepless regulation	ELECTRONIC	
	Cutting capacity (steel)	16 - 22 mm	
	Coarse cutting capacity	30 mm	
	Air consumption	180 l/min.	
	Air pressure	4,7 bar	
	Protection class	IP 23 C	
	Construction standards	EN60974-1 EN60974-10 CE	
	Dimensions	220x440x460h mm	
	Weight	24 kg	

We reserve the right to introduce changes without notice