

Product Detail:

Code: P00487

Model: PLASMA 36 INVERTER

Single-phase power source with inverter technology for compressed air metal plasma cutting.

It's characterised by compact design, low weight, easy handling, user-friendliness, possibility to be connected to home mains (3kW) and cutting high-efficiency on small and medium thicknesses.

It can be fed from motor-driven generators with an electronic regulator of the tension, a power equal to or greater than 3,5 kVA and not delivering a voltage greater than 260V RMS.

A minimum cutting current of 5A allows cutting operations on superimposed thin sheets, particularly useful in car body works.

It's equipped with PFC (Power Factor Correction) device to reduce and stabilize the energy absorption.

It's suitable for on-site jobs, even where single-phase input only is available and for small-scale productions.



Configuration at delivery includes: 4 metre P35 torch and earth cable.

MAINS FEATURES

- Pilot arc, to cut painted and coated metals.
- High-frequency starting,
- “Post-gas” function,
- Self Restart Pilot function for nets and grids cutting,
- Mains over-voltage protection,
- Safety systems on the torch,
- Compressed air flow control,
- Microprocessor-controlled cutting parameters and functions,
- Thermostatic protection,
- Electronic regulation of cutting current,
- PFC device,
- High efficiency and low absorption from mains.



Elettro C.F. s.r.l.

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C.F. e Registro Imprese BO n. 00706680378 - P.I. 00521381202 - Capitale Sociale 72.320,00 i.v.



Technical Data:

Code	P00487
Item	PLASMA 36 INVERTER
Input Voltage	1x230V 50-60Hz
Absorbed power	45% 3,5kVA - 60% 3,3 kVA - 100% 2,8 kVA
Cutting current	5 ÷ 30 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	45% 30A - 60% 28A - 100% 25A
Air pressure	3,5 bar
Air flow	60 l/min
Cut thickness on steel	7 - 10 mm
Max separation cut	12 mm
Protection class	IP23
Construction standards	EN 60974 – 1 / EN 60974 – 7 / EN 60974 – 10
Dimensions	180x400x410h mm
Weight	13 kg



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Accessories:

2 x  356441

1 x  356442

2 x  356443

540080.B

540080.B *(optional)* Consumables kit for first use.



535453 4 m, P 35 torch with direct connection



356447 *(optional)* Wheeled torch holder for P35

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309460 *(optional)*



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Wheeled compasses for P35 - ST-70