**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.

# Les détails du produit:

**Code:** P00451 **Modèle:**PLASMA 50-24 INVERTER



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 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.
•Suitable for plasma gouging.
•Post-gas funtion.
•Safety systems on the torch.
•Control of presence of compressed air pressure.
•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.
•Multi Piercing technology: possibility of piercing on high thickness in a shorter time and with less wear of consumables.
•Extra Life technology and Low Pilot Arc technology that increases performances and duration of consumables.
•Long Tip technology allowing to cut close to very narrow angles and small spaces.
•Microprocessor-controlled cutting parameters and functions.
•Safety systems on the torch.
•Its standard equipment includes a 4 meter-long hand torch and a grounding cable, both with direct connection.

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## Fiche technique:

| | |
|---|---|
| Code | P00451 |
| Item | PLASMA 50-24 INVERTER |
| Input Voltage | 3x400V 50-60HZ |
| Absorbed power | 35% 6,5 kVA - 60% 4,6 kVA - 100% 3,3 kVA |
| Cutting current | 10 ÷ 50 A |
| Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1 | 35% 50A - 60% 35A - 100% 25A |
| Air pressure | 5 bar |
| Air flow | 170 l/min |
| Cut thickness on steel | 13 - 20 mm |
| Max separation cut | 25 mm |
| Protection class | IP 23 |
| Construction standards | EN60974 – 1 / EN60974 – 7 / EN60974 – 10 |
| Dimensions | 220x440x460h mm |
| Weight | 18 kg |

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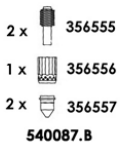
## Accessoires:



535473 4 m, hand torch ECF-71, with direct connection



540130.B *(optional)* MINI KIT pour torche manuelle ECF-71 - ECF-121 (45A)




540087.B *(optional)* Consumables kit for first use.



309464 *(optional)* Wheeled compasses for ST-70 / ECF-71 ST-120



356437 *(optional)* Wheeled torch holder for ST-70 / ECF-71 ST-120



309489 *(optional)* Non-stick spray



357227 *(optional)* Compressed air filter with filtering cartridge to protect torches against impurities present in compressed air (oil and/or water).



370001 *(optional)* Cartridges for air filter, package of 8 pieces.



309073 *(optional)* Helmet with variable shade auto-darkening LCD filter (9-13 DIN) to protect face and eyes during cutting and welding appliances.



580002 *(optional)* Transport cart