**Elettro C.F. s.r.l.**
via Miglioli, 24 40024 - Castel San Pietro Terme (Bologna) Italy
Telefono +39 051941453 - +39 0516942026 - FAX +39 051944602
C.F. e Registro Imprese BO n. 00706680378 - P.I. 00521381202 - Capitale Sociale 72.320,00 i.v.

# Les détails du produit:

**Code:** P00447 **Modèle:**THUNDER CUT 125




The three-phase power source with inverter technology for metal plasma cutting, THUNDER CUT 125, has been designed for the professional manual cutting sector and offers maximum performance and optimised processing times.
It is characterised by compact design, low weight, easy handling, user -friendliness, cutting high-efficiency on small and medium thicknesses.
Cutting thicknesses are high in relation to delivered current, it is suitable for medium-heavy applications.
The recommended steel thickness is from 44 mm to 50 mm. The separation thickness is 65 mm. The max. piercing 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.

MAIN FEATURES
• The new ESA Fast connector that allows the torch to be connected and disconnected quickly, no tools are needed.
• A single knob for fine-tuning the cutting current quickly.
•The possibility of interrupting the post-gas function to quickly replace exhausted consumables.
•The practical quick coupling of the pressure regulator.
•Pilot Arc to cut painted or coated metals.
•Suitable for plasma gouging.
•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.
•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 6 meter-long hand torch ECF-121 with its starting kit of consumables and a grounding cable.

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## Fiche technique:

| | |
|---|---|
| Code | P00447 |
| Item | THUNDER CUT 125 |
| Input Voltage | 3x400V 50-60HZ |
| Absorbed power | 45% 20 kVA - 60% 17,6 kVA - 100% 15,2 kVA |
| Cutting current | 15 ÷ 125 A |
| Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1 | 45% 125 A - 60% 110 A - 100% 95 A |
| Air pressure | 5,5 bar |
| Air flow | 270 l/min |
| Cut thickness on steel | 40 - 50 mm |
| Max separation cut | 65 mm |
| Piercing | 25 mm |
| Protection class | IP 23 |
| Construction standards | EN60974 – 1 / EN60974 – 7 / EN60974 – 10 |
| Dimensions | 220x540x460h mm |
| Weight | 24 kg |

## Accessoires:



535408 Torche manuelle ECF-121, 6m




540120.B Starting kit pour torche ECF-121 (125A)



535407 *(optional)* Torche manuelle ECF-121, 12m

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540166.B *(optional)* MINI KIT pour torche manuelle ECF-121 (125A)



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



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



356436 *(optional)* kit d'outils de chanfrein pour découpe plasma



580006 *(optional)* Transport cart



309489 *(optional)* Non-stick spray



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



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.