**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.

# Produktdetail:

**Code:** P00446 **Vorlage:**THUNDER CUT 105




The three-phase power source with inverter technology for metal plasma cutting, THUNDER CUT 105, 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 36 mm to 42 mm. The separation thickness is 55 mm. The max. piercing is 20 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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## Datenblatt:

| | |
|---|---|
| Code | P00446 |
| Item | THUNDER CUT 105 |
| Input Voltage | 3x400V 50-60HZ |
| Absorbed power | 45% 16,8 kVA - 60% 15,2 kVA - 100% 13,6 kVA |
| Cutting current | 15 ÷ 105 A |
| Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1 | 45% 105 A - 60% 95 A - 100% 85 A |
| Air pressure | 5,5 bar |
| Air flow | 250 l/min |
| Cut thickness on steel | 36 - 42 mm |
| Max separation cut | 55 mm |
| Piercing | 20 mm |
| Protection class | IP 23 |
| Construction standards | EN60974 – 1 / EN60974 – 7 / EN60974 – 10 |
| Dimensions | 220x540x460h mm |
| Weight | 23 kg |

## Zubehör:



535408 Handbrenner ECF-121, 6m




540118.B Starting kit für Brenner ECF-121 (105A)



535407 *(optional)* Handbrenner ECF-121, 12m

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|---|---|---|---|
| | 540165.B | *(optional)* | MINI KIT für Handbrenner ECF-121 (105A) |
|  | 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)* | Fasenwerkzeugsatz zum Plasmaschneiden |
|  | 580006 | *(optional)* | Fahrwagen für Transport |
|  | 309489 | *(optional)* | Non-stick spray |
|  | 309073 | *(optional)* | Helm mit LCD-Filter (9-13 DIN). |
|  | 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. |