**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:** P00436 **Modèle:**PLASMA 167 CHOPPER




Three-phase DC power source with “CHOPPER” technology for plasma cutting suitable for cutting any kind of metal.
It features excellent cutting speed and performace. It can cut up to 40 mm on steel and separate up to 55 mm and it is suitable for metal fabrication as well as servicing in general.
It offers the possibility to use water cooled torches (with the cooling unit) and to use the handier P70 torch.
The cutting current is not affected by mains voltage variations, change in the distance between the torch and the piece you are cutting or the speed at which you move forward.

Configuration at delivery including 6 m P150 torch and earth cable.

MAIN FEATURES
•Pilot arc.
•High frequency start.
•Safety systems on the torch.
•Control and gauge for the presence of compressed air flow.
•Thermostatic protection.
•Copper windings.
•Microprocessor-controlled cutting parameters and functions.
•Automatic High Voltage/Frequency pilot arc start with low irradiated disturbances.
•Automatic recognising of the type of torch and setting of the appropriate safety devices.
•Predisposition for using a water cooled torch (together with cooling unit).
•Possibility to use an automatic torch, particularly suitable for cutting operations with automatic systems.
•Constant regulation of the cutting current.
•Possibility to use an external HF ignition unit for warer cooled, shielded, machine torch.
•By using the optional interface, it is possible for the pantograph computer to control from far:
-Cutting current setting in digital or isolated analog mode,
-Arc striking,
-Arc voltage (max. 10 VDC),
-Arc transfer, with adjustable delay from 0 to 2 seconds.

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## Fiche technique:

| | |
|---|---|
| Code | P00436 |
| Item | PLASMA 167 CHOPPER |
| Input Voltage | 3x400V 50-60Hz |
| Installation power | 22 kW |
| Absorbed power | 40% 27 KVA - 60% 22KVA - 100% 16 KVA |
| Cutting current | 20 ÷ 70 A - 20 ÷ 160 A |
| Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1 | 40% 160A - 60% 120A - 100% 95A |
| Stepless regulation | ELECTRONIC |
| Air flow | 220 l/min. |
| Air pressure | 5 bar |
| Cut thickness on steel | 40 mm |
| Max separation cut | 55 mm |
| Protection class | IP 21 |
| Construction standards | EN 60974 – 1 / EN 60974 – 7 / EN 60974 – 10 |
| Dimensions | mm 435x740x975h |
| Weight | kg 145 |

## Accessoires:




540085.B *(optional)* Consumables kit for first use.



535491 *(optional)* 6 m, P 150W water cooled hand torch, central adaptor



560010 *(optional)* CU06H - Horizontal 5 l cooling unit for torch

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| | | | |
|---|---|---|---|
|  | 540052 | *(optional)* | External HF ignition unit for water cooled torch |
|  | 535484 | *(optional)* | 4m, shielded, water cooled, P 150W machine torch for external HF unit |
| | 530350 | *(optional)* | 16m, water cooled, extension for external HF unit |
|  | 309073 | *(optional)* | Helmet with variable shade auto-darkening LCD filter (9-13 DIN) to protect face and eyes during cutting and welding appliances. |
|  | 309071 | *(optional)* | Single lens spectacles with adjustable temples and built in side-protections. Polycarbonate lens for protection against mechanical impacts and cutting processes. |
|  | 309072 | *(optional)* | Gloves in crow crust leather and cotton, with reinforced palm, index and thumb. |
|  | 309092 | *(optional)* | Chisel to remove dross |
|  | 535497 | *(optional)* | 6 m, P 70 hand torch, central adaptor |
|  | 356458 | *(optional)* | Wheeled torch holder for P50-P70 |
|  | 309461 | *(optional)* | Wheeled compasses for P50 - P70 |

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535487 6 m, P 150 hand torch, central adaptor



535494 *(optional)* 12 m, P 150 hand torch, central adaptor



535486 *(optional)* 6 m, P 150 machine torch, central adaptor



535496 *(optional)* 12 m, P 150 machine torch, central adaptor



356502 *(optional)* Wheeled torch holder for P150



309488 *(optional)* Wheeled compasses for P150



535489 *(optional)* 6 m, P 150W water cooled machine torch, central adaptor



540050 *(optional)* Computer-pantograph interface