

Product Detail:

Code: P00436

Model: 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 performance. 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 water 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.


Technical Data:

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

Accessories:

 2 x  356476

 1 x  356477

 2 x  356491

540085.B

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



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 cow 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



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
