

PLASMA CUTTING

GYS

Ref. 030985

Plasma CUTTER 31 FV

**For cutting up to 10 mm
Flexible Voltage 85-265 V**

**Plasma with Inverter technology.
Ideal for maintenance work and car body repair.**



PFC
POWER FACTOR
CORRECTOR

30A
67%
@20°C

Quality cutting without distortion

It has a solid and reinforced design while weighing only 12 kg, it is suitable for industrial use and a range of demanding environments allowing high quality cutting even on painted surfaces:

- ✓ Cuts up to 10 mm steel, stainless steel and cast iron.
- ✓ Cuts up to 8 mm aluminum and copper.

Very accurate, the CUTTER 30 enables you to cut 0.6mm metal sheets at low intensity without distortion



STEEL : 10 mm max ALU : 8 mm max
(Speed = 9 cm /min at 30A)

No HF Start

With the "Pilot Arc" system, the arc starts without having any contact with the welding sheet. Starting without HF avoids any electromagnetic interference (radio, computers, phones, medical equipment etc...)

Easy to use, fast and safe

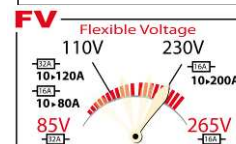
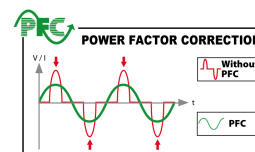
- Easy to use and simple to connect to a compressed air system
- Torch: 4 m with a safety trigger to avoid accidental start.
- IP23 (protected against rain / dust): ideal for outside work.



PFC and Flexible Voltage (FV) technology

The latest generation of plasma 31FV is equipped with a PFC and Flexible Voltage. With this technology, CUTTER 31FV works on either 110V(32A) or 230V(16A) or any voltage in the range of 85V-265V – combined with the PFC the cutting performance is maintained even during intensive use on power generator and when run with long extension leads (up to 100m).

The Plasma 31FV also has reinforced protection for use with generators and against overvoltage factory tested up to 400V.



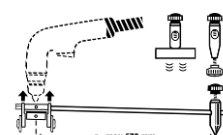
PROTEC
400V Tested
in Production

Consumables

Diffusers (x2) Ref.040175  **Electrodes (x10)** Ref.040168  **Nozzles (x4)** Ref.040236  **Tips (x10)** Ref.040212 

Accessories

Compass kit
Ref.040205



For circular cut up to 134 cm diameter.

Supplied with 3 axes:
Magnetic / to tip / to screw

Protected & compatible
Mini : 6 kW (7,5 kVA)



EN 60 974-1
MADE in FRANCE

230-1~		110-1~		5A>30A	10	8	EN 60974-1 (40°C)		AIR SYSTEM			IP	cm	kg
I _A (60%)	X% I ₂ max	Pressure bar	L / mm				Compressor inside							
22	32	2,5>6	115	no	23	18,5x41x29	12							
19	25													

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