

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.**

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



INCLUDED:
8mm
+
10mm

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...)

PFC
POWER FACTOR
CORRECTOR

30A
67%
@20°C



STEEL : 10 mm max ALU : 8 mm max

(Speed = 9 cm /min at 30A)

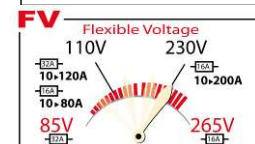
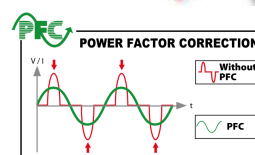
Easy to use, fast and safe

- 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.



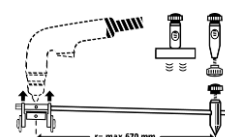
PROTEC
400V Tested
in Production

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)



50/60 HZ V	A	I ₂	max mm	ACIER/STEEL	ALU	EN 60974-1 (40°C)	I _A (60%)	X% I ₂ max
230-1~	16	5A>30A	10		8	22	32	
110-1~	32					19	25	

AIR SYSTEM

Pressure bar	L / mm	Kompressor inside
2,5>6	115	no

IP

cm

kg

EN 60 974-1
MADE in FRANCE