

## PLASMA CUTTER 31 FV

Réf. 031975

**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 31 FV enables you to cut 0.6mm metal sheets at low intensity without distortion

### 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...)

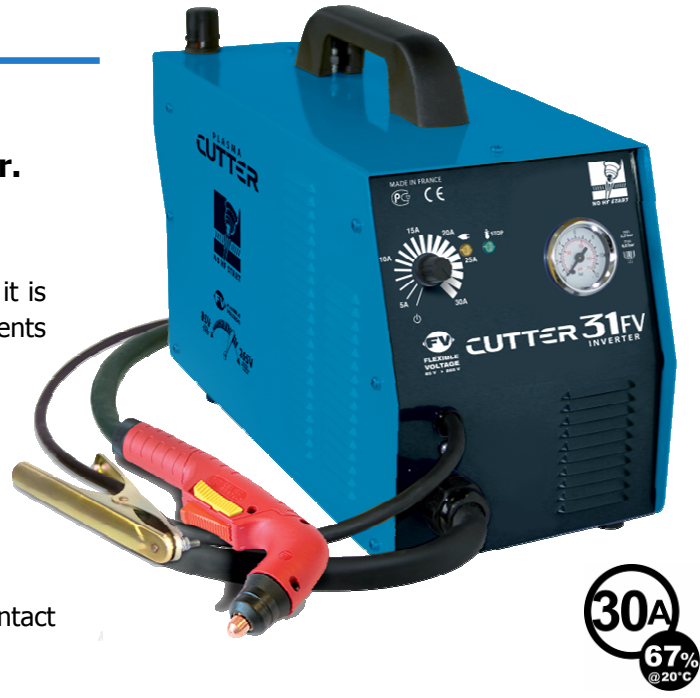
### Easy to use, fast and safe

- ◆ 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

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).

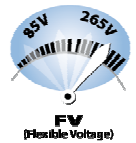
The Plasma 31FV also has reinforced protection for use with generators and against overvoltage factory tested up to 400V.



**30A**  
**67%**  
 @ 20°C



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



### Consumables

<b>Diffusors (x2)</b> Ref.040175		<b>Electrodes (x10)</b> Ref.040168		<b>Nozzles (x4)</b> Ref.0402:		<b>Tips (x10)</b> Ref.040212	
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### Accessories

**Compass kit**  
Ref.040205

For circular cut up to 134 cm diameter.  
 Supplied with 3 axes: Magnetic / tip / to screw

				EN 60974-1 (40°C)		AIR SYSTEM					
50/60 HZ V	A	L2	max mm ACIER/STEEL ALU	I <sub>A</sub> (60%)	X <sub>%</sub> I <sub>2</sub> max	Pressure bar	L / mm	Kompressor inside	IP	cm	kg
230-1~	16	5A>30A	10 8	22	32	2,5>6	115	no	23	18,5x41x29	12
110-1~	32			19	25						

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