

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

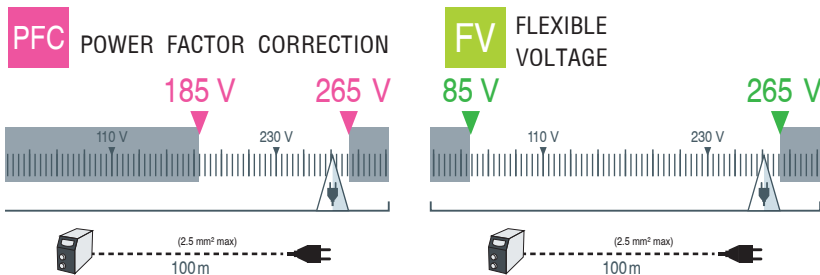
With the "Pilot Arc" system, the arc starts without having any contact with the metallic sheet. Starting without HF avoids any electromagnetic interference (radio, computers, phones, medical equipment etc...)

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.

Accessories and consumables

Box of consumables for Plasma (ref. 039971)

- Electrodes (x3) (ref. 040168)
- Tips (x3) (ref. 040212)
- Nozzles (x1) (ref. 040236)
- Diffusers (x1) (ref. 040175)



Kit compas (ref. 040205)



50/60hz	-AM-	min > max	Max cut		Clean cut		EN60974-1 (40°C)		Air system			cm/kg	Protected & compatible POWER GENERATOR (+/- 15%)
			Acier Steel	Alu	Acier Steel	Alu	I _A (60%)	X% (I ₂ max)	Pressure bar	L / mm	Kompressor inside		
110V 1~	32A	5-30A	10	8	7	5	22A	32A	2.5 - 6	115	-	19x44x28 /12	6 kW 7,5 kVA
230V 1~	16A	5-30A					19A	25A					