PLASMA CUT (1PH)

PLASMA

PFC sinus

INTEGRATED COMPRESSOR

1~ Inverter DC + - GOES GREEN
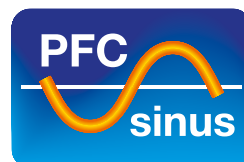
INVERTER PLASMA CUTTING EQUIPMENT

These powerful power sources, built according to the very latest INVERTER technology, represent the most efficient solution for the manual cutting of any metal and perforated lamination sheet. The electronic control , coupled with inverter precision and flexibility, allows to determine the most correct parameters to obtain high quality cutting in function of material and thickness. Lightweight and handy single phase PLASMA CUT 40i with PFC and PLASMA CUT 26i Compressor are the ideal choice in car body repairs, agriculture and maintenance.

▶ Arc parameter electronic control for an excellent cutting quality

▶ Pilot arc torch

▶ Mains overvoltage protection

▶ Control panel protected against accidental impact

PFC: POWER FACTOR CORRECTION - PLASMA CUT 40i

The wave shape of the current drawn from the mains is made sinusoidal by the PFC device with a consequent total lack of harmonic disturbances in the mains and consumption optimization, which enables to utilize the power source at full range on a 16 A fuse.
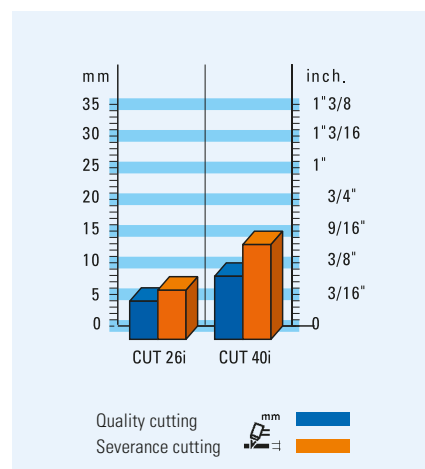The PFC circuit gives the machine a wider protection against mains voltage fluctuations, by also making it safer whenever being operated by power generator sets

PFC sinus

- ► Less energy consumption
- ► High efficiency
- ► High Power Factor
- ► Energy Saving function

GOES GREEN

TECHNICAL DATA			PLASMA CUT	
			26i COMPRESSOR	40i
Single phase input 50/60 Hz	V	+15% -15%	230	230
Input Power @ I_2 Max	kVA		5,6	5,4
Delayed Fuse (I_2 @ 100%)	A		16	16
Power Factor / cos φ			0,57/0,99	0,99/0,99
Efficiency Degree			0,78	0,83
Current range	A		10 - 25	20 - 40
Duty cycle at (40°C)	A 100%		15	20
	A 60%		20	30
	A X%		25 (35%)	40 (40%)
Cutting capacity:	quality	mm	6	10
	severance	mm	8	15
Standards			EN 60974-1 • EN 60974-7 • EN 60974-10	
			Ⓢ	
Protection Class	IP		23 S	23 S
Insulation Class			H	H
Dimensions	↗ mm		540	490
	→ mm		220	185
	↑ mm		425	390
Weight	kg		18,5	16

Other voltages available on request

These power sources are built for industrial environment use. EMC (CISPR 11): class A

CUT 26i   CUT 40i

Quality cutting
Severance cutting

ISO 9001: 2008