

## Plasma 20-10

The single-phase power source with inverter technology for metal plasma cutting, PLASMA 20-10 PFC INVERTER is characterised by compact design, low weight, easy handling, user-friendliness, cutting high-efficiency on small and medium thicknesses.

It can be connected to home mains (3kW) and to motor-driven generators with an electronic regulator of the tension, a power equal to or greater than 2,5 kVA and not delivering a voltage greater than 260V.

It's equipped with PFC (Power Factor Correction) device to reduce and stabilize the power absorption.

The recommended steel thickness to obtain the best cutting quality is 6 mm, but it is possible to cut up to 8 mm. The separation thickness is 10 mm.

The lack of High-Frequency start makes it possible to work next to computers, medical equipment, instruments and any other electronic devices sensitive to high frequency emissions.

A minimum cutting current of 5A allows cutting operations on superimposed thin sheets, particularly useful in car body works.



**Prior**  
Welding

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Herculesweg 16  
4338 PL Middelburg  
The Netherlands

Tel: 0031-(0)118674074  
E-mail: info@priorwelding.nl  
Web: www.priorwelding.nl



Type		Plasma 20-10
installation power	Kw	2,5
Cutting current	A	5 - 20
No-load voltage	V	62
Absorbed power	kVA	2,3 (35%)
		1,8 (60%)
		1,6 (100%)
Input Voltage	V	230 (50/60 Hz)
Max. cut thickness	mm	6-8
Coarse cutting capacity	mm	10
compressed air consum	l/m	40
Protection class		IP23
construction standards		EN60974 EN60974-7
Dimensions	mm	135x430x260
Weight	kg	9,5



#### MAIN FEATURES

- Pilot Arc to cut painted or coated metals.
- Cutting operation on superimposed thin sheets.
- Pilot Arc Start without HF.
- Post-gas function.
- Electronic regulation of cutting current.
- Safety systems on the torch.
- Control of presence of compressed air pressure.
- Microprocessor-controlled cutting parameters and functions.
- Thermostatic protection.
- Its standard equipment includes a 4 metre-long P25 torch and a grounding cable.