

PLASMA PROF 180










Multi-voltage three-phase (230V 400V 440V 50/60Hz) power source for High Quality Cutting. PLASMA PROF 180 is equipped with automatic system for plasma cutting with the following configurations: CNC or Robot configuration with Analogic or Digital interface

Features

- **Top-quality ARM microprocessor**
- New and extremely reliable hardware e software
- Flexibility in the adjustment of the cutting current
- **USB port** for the software update
- CP 455G Torch that allows you to cut up to 55° tilt angle.
A single torch for 2D cutting [Art. 1642], 3D cutting [Art. 1640] and Robot [Art. 1639] with a single family of consumables renewed and usable for both straight and bevel cutting
- **New** manual gas console with a modular system consisting of three units, of which two optional:
 - **PGD-D**: main console with 7" touchscreen panel and USB port to program cutting parameters for any possible combination of material and gas
 - **PGC-H2**: optional console dedicated to cutting Stainless Steel and Aluminium cutting with Hydrogen mixtures
 - **WSC**: optional console for Stainless Steel and Aluminium cutting using water like a secondary fluid
- Automatic gas console APGC to control in real-time all the gas flows and the automatic switch between cutting and marking
- HQC CONTROL PANEL, a digital touchscreen remote control panel (suitable for automatic partially integrated systems)

- **Art. 968.00** Power source version with Analogic interface
- **Art. 968.40** Power source version with CANopen Digital interface
- **Art. 968.41** Power source version with PROFIBUS Digital interface
- **Art. 968.42** Power source version with DeviceNet Digital interface
- **Art. 968.43** Power source version with EtherCAT Digital interface

Technical Specifications

Art.	968	Technical Specifications	S CE
	230 V 440 V 440 V 50/60 Hz ± 10%	Alimentazione trifase Three phase input	
	125 A 80 A 63 A	Fusibile ritardato Fuse rating (slow blow)	
	40 kVA ± 10%	Potenza max. assorbita con CP 455G Max. input power with CP455G	
	10 A ÷ 180 A	Campo di regolazione della corrente Current adjustment range	
	180 A 100%	Fattore di servizio (10 min. 40° C) Secondo norme IEC 60974-1 Duty Cycle (10 min.40°C) According to IEC 60974-1	
	ELECTRONIC	Regolazione continua Stepless regulation	
	IP21S	Grado di protezione Protection class	
	380 kg	Peso Weight	
	750x1370x1310 mm	Dimensioni (LxPxH) Dimensions (WxLxH)	