



- 100A plasma cutting inverter system with compressed air and strike on contact of the pilot arc. Integrated connection interface with automated cutting systems. 3ph 230/400V power supply. With PV 105 torch.
- Max. cut 40 mm. Advanced functions: grid cutting, 4T cut and gouging of all the conductor materials.
- Interfacing with automated cutting systems is also an option. Specific connector to set the various control signals of the cutting process. Compatible with remote control.
- High stability cutting current.
- LCD display for simple reading and adjustment.
- Thermostatic, overvoltage, undervoltage, overcurrent protection, circuit in torch, phase failure, no air protection.

## TECHNICAL DATA

CODE	<b>816173</b>	FUSE	<b>16 A</b>	MAX CUTTING THICKNESS	<b>40 mm</b>
THREEPHASE MAINS VOLTAGE	<b>230 / 400 V</b>	MAX CUT. CUR. EN60974-1 230V	<b>70 @ 30% A</b>	MAX CUTTING THICKNESS 230V	<b>30 mm</b>
MAINS TOLERANCE	<b>-25 / +15 %</b>	CURRENT CONTROL RANGE 230V DC	<b>30 - 70 A</b>	COMPRESSED AIR CAPACITY	<b>240</b>
MAINS FREQUENCY	<b>50 / 60 Hz</b>	CUTTING CURRENT 60% 230V	<b>40 A</b>	COMPRESSED AIR PRESSURE	<b>4 - 5 bar</b>
MAX CUTTING CURRENT EN60974-1	<b>100 @ 30 % A</b>	CUTTING CURRENT 100% 230V	<b>35 A</b>	SUPPLY CABLE LENGTH	<b>2,3 m</b>
CURRENT CONTROL RANGE DC	<b>30 - 100 A</b>	MAX ABSORBED CURRENT 230V	<b>23,7 A</b>	ELECTROMAGN. COMPATIBLE CLASS	<b>A</b>
CUTTING CURRENT 60%	<b>75 A</b>	RANGE VOUT 230V	<b>80 - 200 V</b>	NORM	<b>EN 60974-1 / -10</b>
CUTTING CURRENT 100%	<b>65 A</b>	MAX NO LOAD VOLTAGE 230V	<b>357 V</b>	INSULATION CLASS	<b>H</b>
MAX ABSORBED CURRENT	<b>20,8 A</b>	MAX ABSORBED POWER 230V	<b>8,6 kW</b>	PROTECTION DEGREE	<b>IP23</b>
RANGE V OUT	<b>80 - 220 V</b>	FUSE 230V	<b>16 A</b>	DIMENSIONS (LxWxH)	<b>53 x 24 x 45 cm</b>
MAX NO LOAD VOLTAGE	<b>315 V</b>	ABSORBED POWER idle	<b>29 W</b>	WEIGHT	<b>28 kg</b>
MAX ABSORBED POWER	<b>13,5 kW</b>	EFFICIENCY	<b>87 %</b>		

## OPTIONAL ACCESSORIES

### PLASMA TORCHES

802955 PXA PLASMA TORCH 12 M

### OTHER PLASMA ACCESSORIES

804340 MMS-10 MOISTURE & MIXTURE STOP FILTER

804343 MMS-10 AIR FILTER CARTRIDGES 4 PCS

804976 CONNECTING CABLE CNC 10M

### TROLLEYS AND ACCESSORIES

803073 TROLLEY - EUROPA

## DESCRIPTION

Inverter, compressed air plasma cutting system, with contact striking of pilot arc.

Allows a rapid, distortion-proof cutting, grid cutting and gauging of all conductive materials such as steel, stainless steel, galvanised steel, aluminium, copper, brass, etc.

It allows interfacing with automated cutting systems.

Features:

- easy to carry;
- high cutting current stability;
- user-friendly easy to read and adjust digital panel;
- remote control;
- thermostatic, overvoltage, undervoltage, overcurrent, torch short circuit, phase and air failure protections.

Complete with PV 105 torch.

**DOWNLOAD**

---



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



BROCHURE

**USEFUL LINKS**

---



VIDEO