



- 160A 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 PX torch.
- Max. cut 50 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>816174</b>       | FUSE                          | <b>25 A</b>        | EFFICIENCY                    | <b>86 %</b>             |
| THREEPHASE MAINS VOLTAGE      | <b>230 / 400 V</b>  | MAX CUT. CUR. EN60974-1 230V  | <b>100 @ 30% A</b> | MAX CUTTING THICKNESS         | <b>50 mm</b>            |
| MAINS TOLERANCE               | <b>-25 / +15 %</b>  | CUTTING CURRENT 35% 230V      | <b>90 A</b>        | MAX CUTTING THICKNESS 230V    | <b>50 mm</b>            |
| MAINS FREQUENCY               | <b>50 / 60 Hz</b>   | CURRENT CONTROL RANGE 230V DC | <b>30 - 100 A</b>  | COMPRESSED AIR CAPACITY       | <b>290</b>              |
| MAX CUTTING CURRENT EN60974-1 | <b>150 @ 30 % A</b> | CUTTING CURRENT 60% 230V      | <b>80 A</b>        | COMPRESSED AIR PRESSURE       | <b>4 - 5 bar</b>        |
| CURRENT CONTROL RANGE DC      | <b>30 - 160 A</b>   | CUTTING CURRENT 100% 230V     | <b>70 A</b>        | SUPPLY CABLE LENGTH           | <b>3 m</b>              |
| CUTTING CURRENT 60%           | <b>120 A</b>        | MAX ABSORBED CURRENT 230V     | <b>38 A</b>        | ELECTROMAGN. COMPATIBLE CLASS | <b>A</b>                |
| CUTTING CURRENT 100%          | <b>100 A</b>        | RANGE VOUT 230V               | <b>80 - 200 V</b>  | NORM                          | <b>EN 60974-1 / -10</b> |
| MAX ABSORBED CURRENT          | <b>40 A</b>         | MAX NO LOAD VOLTAGE 230V      | <b>316 V</b>       | INSULATION CLASS              | <b>H</b>                |
| RANGE V OUT                   | <b>80 - 220 V</b>   | MAX ABSORBED POWER 230V       | <b>12,5 kW</b>     | PROTECTION DEGREE             | <b>IP23</b>             |
| MAX NO LOAD VOLTAGE           | <b>348 V</b>        | FUSE 230V                     | <b>25 A</b>        | DIMENSIONS (LxWxH)            | <b>67 x 31 x 56 cm</b>  |
| MAX ABSORBED POWER            | <b>25 kW</b>        | ABSORBED POWER idle           | <b>44 W</b>        | WEIGHT                        | <b>46 kg</b>            |

## OPTIONAL ACCESSORIES

### PLASMA TORCHES

802973 PX PLASMA TORCH 12 M

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

803064 TROLLEY - CONTINENTAL

## 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 torch.

## DOWNLOAD

---



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



BROCHURE

## USEFUL LINKS

---



VIDEO