



- 70A 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 torch.
- Max. cut 30 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	816170	FUSE	10 A	MAX CUTTING THICKNESS	30 mm
THREEPHASE MAINS VOLTAGE	230 / 400 V	MAX CUT. CUR. EN60974-1 230V	50 @ 35% A	MAX CUTTING THICKNESS 230V	20 mm
MAINS TOLERANCE	-15 / +15 %	CURRENT CONTROL RANGE 230V DC	20 - 50 A	COMPRESSED AIR CAPACITY	200 l/min
MAINS FREQUENCY	50 / 60 Hz	CUTTING CURRENT 60% 230V	40 A	COMPRESSED AIR PRESSURE	4 - 5 bar
MAX CUTTING CURRENT EN60974-1	70 @ 30% A	CUTTING CURRENT 100% 230V	35 A	SUPPLY CABLE LENGTH	2,5 m
CURRENT CONTROL RANGE DC	20 - 70 A	MAX ABSORBED CURRENT 230V	16 A	ELECTROMAGN. COMPATIBLE CLASS	A
CUTTING CURRENT 60%	50 A	RANGE VOUT 230V	80 - 200 V	NORM	EN 60974-1 / -10
CUTTING CURRENT 100%	40 A	MAX NO LOAD VOLTAGE 230V	310 V	INSULATION CLASS	H
MAX ABSORBED CURRENT	13 A	MAX ABSORBED POWER 230V	5,5 kW	PROTECTION DEGREE	IP23
RANGE V OUT	80 - 210 V	FUSE 230V	10 A	DIMENSIONS (LxWxH)	47 x 19 x 35,5 cm
MAX NO LOAD VOLTAGE	325 V	ABSORBED POWER idle	30 W	WEIGHT	15,8 kg
MAX ABSORBED POWER	8,5 kW	EFFICIENCY	90 %		

COMPOUND PRODUCTS

PLASMA TORCHES

804041 PV PLASMA TORCH 6 M

PLASMA CUTTING 3PH

816070 SUPERIOR PLASMA 70

OPTIONAL ACCESSORIES

PLASMA CONSUMABLES BOXES

804108 CONSUMABLES BOX FOR PV TORCH

OTHER PLASMA ACCESSORIES

804340 MMS-10 MOISTURE & MIXTURE STOP FILTER

804343 MMS-10 AIR FILTER CARTRIDGES 4 PCS

804976 CONNECTING CABLE CNC 10M

PLASMA TORCHES

802955 PXA PLASMA TORCH 12 M

CIRCULAR CUTTING UNITS

804059 CIRCULAR CUTTING UNIT

TROLLEYS AND ACCESSORIES

803084 TROLLEY - AMERICA

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.

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



BROCHURE

USEFUL LINKS



VIDEO