Elettro C.F. s.r.l.
via Miglioli, 24 40024 - Castel San Pietro Terme (Bologna) Italy
Telefono +39 051941453 - +39 0516942026 - FAX +39 051944602
C.F. e Registro Imprese BO n. 00706680378 - P.I. 00521381202 - Capitale Sociale 72.320,00 i.v.

Les détails du produit:

Code: P00456 **Modèle:**PLASMA 100-50 INVERTER



The three-phase power source with inverter technology for metal plasma cutting, PLASMA 100-50 INVERTER is characterised by compact design, low weight, automatic setting of appropriate voltage within the following ranges: 3x208/220/230V and 400/440V, user-friendliness and cutting high-efficiency. It's suitable for medium-scale manual and automatic production applications. An optional CNC interface allows an easy integration with pantographs.
The recommended steel thickness to obtain the best cutting quality is 32 mm, but it is possible to cut up to 38 mm. The separation thickness is 50 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.
It can be connected to motor-driven generators of adequate power.

MAIN FEATURES
•Automatic setting of appropriate voltage within the following ranges: 3x208/220/230V and 400/440V.
•Pilot Arc to cut painted or coated metals.
•Self Restart Pilot function for nets and grids cutting.
•Ultra Cut Capacity technology to improve the cutting capacities on high thicknesses.
•Innovative Thin Cut technology that allows to obtain cuts of superior quality and reduced kerf (amount of removed material).
•Hyper Speed Cut technology enhancing the cutting speed.
•Microprocessor-controlled cutting parameters and functions.
•Safety systems on the torch.
•Cutting current is not affected by voltage fluctuations, by change of distance between torch and piece as well as by the torch travelling speed.
•Its standard equipment includes a 6 metre-long torch and a grounding cable.

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Fiche technique:

Code	P00456	
Item	PLASMA 100-50 INVERTER	
Input Voltage	3x208-220-230V 50-60HZ	3x400-440V 50-60HZ
Absorbed power	35% 13,9 kVA 60% 11,3 kVA 100% 10,1 kVA	50% 16,6 kVA 60% 15,8 kVA 100% 14,1 kVA
Cutting current	20÷80 A	20÷100 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	35% 80A - 60% 65A - 100% 58A	50% 100A - 60% 95A - 100% 85A
Air pressure	5,7-5,8 bar	
Air flow	295 l/min	
Cut thickness on steel	32 - 38 mm	
Max separation cut	50 mm	
Protection class	IP 23	
Construction standards	EN60974 – 1 / EN60974 – 7 / EN60974 – 10	
Dimensions	330x450x540h mm	
Weight	36 kg	

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Accessoires:



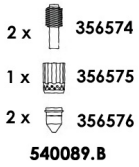
309464 *(optional)* Wheeled compasses for ST-70 / ECF-71 ST-120



535446 Hand torch ST-120, 6 m



535445 *(optional)* Machine torch ST-120, 6 m



540089.B *(optional)* Consumables kit for first use.



356437 *(optional)* Wheeled torch holder for ST-70 / ECF-71 ST-120



540051 *(optional)* Computer-pantograph kit



580003 *(optional)* Transport cart



357227 *(optional)* Compressed air filter with filtering cartridge to protect torches against impurities present in compressed air (oil and/or water).



370001 *(optional)* Cartridges for air filter, package of 8 pieces.



309073 *(optional)* Helmet with variable shade auto-darkening LCD filter (9-13 DIN) to protect face and eyes during cutting and welding appliances.