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: S00305 **Modèle:**PRO MIG 416 SYNERGIC



PRO MIG 416 SYNERGIC is a three-phase inverter power source with synergic control for MIG MAG welding with separate wire feed unit. It is suitable for various applications, in particular for medium and heavy metal works.
It's ready for torch water cooling and is supplied complete with trolley for the transport.
The cooling unit and the pulse function upgrade are available on request as optional.
MAIN CHARACTERISTICS
•Exceptionally good arc stability at low amp rating.
•Synergic control, that permits to control the welding conditions through just one variable, all the others being preset and dependent on this.
•Equipped with a 4-roller (D. 30 mm) wire feeder for an optimal wire feeding. Replacement of rollers without tools.
•Provided with a wide range of synergic curves for Ø 0,6/0,8/0,9/1,0/1,2 solid wire. Further on, the optional pulse function allows to activate pulsed synergic curves for steel, stainless steel, aluminium and CuSi3.
•Possibility to update the software through the RS232 port.
•Equipped with a wide LCD display that allows the operator to select and easily set the various welding modes and options. Further on, it gives the possibility to have always the clear indication of the current welding parameters (selected process, type and diameter of the used wire, shielding gas, voltage, current, wire speed and material thickness).
•Possibility to use wire reels up to D. 300mm, 15 kg.
•All in One control: the various welding options are adjusted by a single knob on the front panel.
•The adjustable welding options are: Arc Length, short or pulsed (optional) welding process, 2 times / 4 times, Spot Time, Pause Time, Inductance, Burn Back, Soft Start, pre-gas, post gas, Automatic Hot Start, Automatic Crater Filler and 3 levels.

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Fiche technique:

Code	S00305
Item	PRO MIG 416 SYNERGIC
Input Voltage	3x400V 50-60Hz
Absorbed power	30% 11,2 kVA - 60% 10,2 kVA - 100% 9,5 kVA
MIN-MAX Welding current	20 ÷ 320 A SHORT 20 ÷ 270 A PULSE
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	30% 320A - 60% 290A - 100% 270A
Regulation steps	ELECTRONIC
Wire size (solid)	Ø 0,6/0,8/0,9/1,0/1,2 Fe-Al 0,8/0,9/1,0/1,2 Inox 0,8/0,9/1,0/1,2 CuSi 3% mm
Max. wire spool size	Ø 300 mm / 15 kg.
Protection class	IP23
Construction standards	EN 60974 – 1 / EN 60974 - 10
Dimensions	570x1000x1345h mm
Weight	68 kg

Accessoires:



550042 WF430 - 4-roller wire feed unit ready for water cooling



580007 Transport cart



535015 *(optional)* Torche M 36, 3 m



535016 *(optional)* Torche M 36, 4 m

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535019 *(optional)* Torche MB 501D, 3 m, précâblée pour le refroidissement à eau



535020 *(optional)* Torche MB 501D, 4 m, précâblée pour le refroidissement à eau



560102 *(optional)* CU56H - Horizontal 5 l cooling unit for torch

540098 *(optional)* Pulse function upgrade



530337 *(optional)* 5 m, extension for wire feed unit with copper cable diam. 50 mm2.



530338 *(optional)* 10 m, extension for wire feed unit with copper cable diam. 50 mm2.



530355 *(optional)* 2 m, extension for wire feed unit with copper cable diam. 70 mm2 ready for cooling unit.



530360 *(optional)* 5 m, extension for wire feed unit with copper cable diam. 70 mm2 ready for cooling unit.



530361 *(optional)* 10 m, extension for wire feed unit with copper cable diam. 70 mm2 ready for cooling unit.



540102 *(optional)* INOX FAST CLEAN KIT

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357502 *(optional)* Flowmeter with 2 gas pressure gauges



540011 *(optional)* Aluminium welding kit for Ø 0,8 - 1 wire and 3m torch.



540014 *(optional)* Aluminium welding kit for Ø 1,2 - 1,6 wire and 3m torch.