

## Product Detail:

**Code:** S00297

**Model:**SYNERGIC PRO MIG 475

Three-phase power source for MIG-MAG wire welding.  
Suitable to be used with traditional and synergic wire feed units and with 5 or 10 m long power source – wire feeder cart connection extensions.

It is suitable to weld steel, stainless steel and aluminium.

- Timer circuit to automatically switch the generator to stand-by mode when not welding, to prevent unnecessary power consumption.
- Multiple impedance outlet for improved welding characteristic adjustment
- Wire feeder cart - power source connection through an extension with military-type connectors
- Possibility to use synergic wire feed units with microprocessor for automatic welding current and wire speed adjustment via 12 pre-stored programs
- By using synergic wire feed units, it is possible to handle welding parameters such as spot welding, soft start, burn-back, post gas and 2 stage – 4 stage (manual – automatic) welding modes; it is also possible to update the software with new synergy curves if any
- Highly stable thanks to large-diameter rear wheels



**Technical Data:**

Code	S00297
Item	SYNERGIC PRO MIG 475
Input Voltage	3x230/400V 50-60Hz
Absorbed power	40% 19,5KVA
MIN-MAX Welding current	40 – 450 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	40% 400A - 60% 330A - 100% 250A
Regulation steps	N° 4x8
Wire size (solid)	Ø 0,8 – 1 - 1,2 - (1,6) mm SOLID
Max. wire spool size	Ø 300 mm / 15 kg.
Protection class	IP21C
Construction standards	EN 60974 – 1 / EN 60974 - 10
Dimensions	558x980x1330h mm
Weight	153 kg

**Accessories:**


309269

*(optional)*

Helmet with auto-dimming LCD filter (9-13 DIN) MAXIVISION COLOR to protect face and eyes during welding.



550030

*(optional)*

WF 20 - 2-roll wire feeder



550031

*(optional)*

WF 40 - 4-roll wire feeder ready for torch cooling unit



550025

*(optional)*

SYNERGIC WF 44 - synergic 4-roll wire feeder ready for cooling unit, with digital meter.



530337 (optional) 5 m, extension for wire feed unit with copper cable diam. 50 mm<sup>2</sup>.

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560200 (optional) CU44V - Vertical 4 l cooling unit for torch.

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540011 (optional) Aluminium welding kit for  $\varnothing$  0,8 - 1 wire and 3m torch.

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530338 (optional) 10 m, extension for wire feed unit with copper cable diam. 50 mm<sup>2</sup>.

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540014 (optional) Aluminium welding kit for  $\varnothing$  1,2 - 1,6 wire and 3m torch.

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530361 (optional) 10 m, extension for wire feed unit with copper cable diam. 70 mm<sup>2</sup> ready for cooling unit.

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357502 (optional) Flowmeter with 2 gas pressure gauges

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384024 (optional) Adapter for wire reels of 15 kg. D. 300

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530360 (optional) 5 m, extension for wire feed unit with copper cable diam. 70 mm<sup>2</sup> ready for cooling unit.

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

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535019 (optional) 3 m, MB 501D torch, ready for cooling unit

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535020 (optional) 4 m, MB 501D torch, ready for cooling unit

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535017 (optional) 3 m, MB 40 torch

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535018 (optional) 4 m, MB 40 torch

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