

## Product Detail:

**Code:** S00296

**Model:**SYNERGIC PRO MIG 425

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 power source to stand-by mode when not welding, to prevent unnecessary power consumption.

-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.

-Copper transformer.

-Highly stable thanks to large-diameter rear wheels.



**Technical Data:**

|   |                                 |
|---|---------------------------------|
| Code  | S00296                          |
| Item  | SYNERGIC PRO MIG 425            |
| Input Voltage                                     | 3x230/400V 50-60Hz              |
| Absorbed power                                    | 40% 16,0KVA                     |
| MIN-MAX Welding current                           | 35 – 380 A                      |
| Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1 | 40% 330A - 60% 270A - 100% 210A |
| Regulation steps                                  | N° 2x8                          |
| Wire size (solid)                                 | ∅ 0,6 - 0,8 – 1 - 1,2 mm SOLID  |
| Max. wire spool size                              | ∅ 300 mm / 15 kg.               |
| Protection class                                  | IP21C                           |
| Construction standards                            | EN 60974 – 1 / EN 60974 - 10    |
| Dimensions  | 558x980x1330h mm                |
| Weight  | 132 kg                          |

**Accessories:**


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>.



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

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540011 (optional) Aluminium welding kit for Ø 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 mm2.

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540014 (optional) Aluminium welding kit for Ø 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 mm2 ready for cooling unit.

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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 mm2 ready for cooling unit.

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309263 (optional) Welding helmet with auto-dimming LDC filter BEST VISION,

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535015 (optional) 3 m, M 36 torch

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535016 (optional) 4 m, M 36 torch

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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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