**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:** S00300 **Modèle:**SYNERGIC PRO MIG 520



Three-phase power source for MIG MAG continuous wire welding of steel, stainless steel and aluminium. It is equipped with a synergic, 4-roller, wire feed unit item SYNERGIC WF45 and is ready for the use with water cooled torches. Possibility to connect extensions for the connection of power sources to wire feed units of 5 or 10 metres.
Equipped with:
- Timer circuit to automatically switch the power source to stand-by mode when not welding, to prevent unnecessary power consumption.
- Multiple impedance outlet for improved welding characteristic adjustment.
- Microprocessor, for automatic welding current and wire speed adjustment via a wide range of pre-stored programs.
- Synergic wire feed unit with digital instrument that allows to handle welding parameters such as tack welding, soft start, burn-back, post gas and 2 stage – 4 stage (manual – automatic) welding modes.
- Possibility to use reels of wire with a weight of 15 kg and a diameter of 300 mm.
- Highly stable thanks to large-diameter rear wheels
- Signal of intervention of the thermostat.

**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.

## Fiche technique:

| | |
|---|---|
| Code | S00300 |
| Item | SYNERGIC PRO MIG 520 |
| 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 | IP21 |
| Construction standards | EN 60974 – 1 / EN 60974 - 10 |
| Dimensions | 558x980x1330h mm |
| Weight | 153 kg |

## Accessoires:



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



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



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

**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.

| | | | |
|---|---|---|---|
|  | 309269 | *(optional)* | Helmet with auto-dimming LCD filter (9-13 DIN) MAXIVISION COLOR to protect face and eyes during welding. |
|  | 550026 | | SYNERGIC WF 45 - 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 mm2. |
|  | 560200 | *(optional)* | CU44V - Vertical 4 l cooling unit for torch. |
|  | 540011 | *(optional)* | Aluminium welding kit for Ø 0,8 - 1 wire and 3m torch. |
|  | 530338 | *(optional)* | 10 m, extension for wire feed unit with copper cable diam. 50 mm2. |
|  | 540014 | *(optional)* | Aluminium welding kit for Ø 1,2 - 1,6 wire and 3m torch. |
|  | 530361 | *(optional)* | 10 m, extension for wire feed unit with copper cable diam. 70 mm2 ready for cooling unit. |
|  | 357502 | *(optional)* | Flowmeter with 2 gas pressure gauges |
|  | 530360 | *(optional)* | 5 m, extension for wire feed unit with copper cable diam. 70 mm2 ready for cooling unit. |

**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.



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