

Product Detail:

Code: S00300

Model: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.



Technical Data:

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

Accessories:


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



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



535015 (optional) 3 m, M 36 torch



535016 (optional) 4 m, M 36 torch



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 \varnothing 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 \varnothing 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.

309073 *(optional)*

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