

Product Detail:

Code: S00298

Model:SYNERGIC PRO MIG 525

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.

It is suitable for welding with cored wire.

- 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 17 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	S00298
Item	SYNERGIC PRO MIG 525
Input Voltage	3x230/400V 50-60Hz
Absorbed power	45% 23 kVA
MIN-MAX Welding current	40 – 500 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	45% 450A - 60% 390A - 100% 300A
Regulation steps	N° 4x8
Wire size (solid)	0,8 - 1 - 1,2 - 1,6 Solid - 1,2 Cored \varnothing mm
Max. wire spool size	\varnothing 300 mm / 15 kg.
Protection class	IP21
Construction standards	EN60974 – 1 / EN60974-10
Dimensions	558x980x1330h mm
Weight	170 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 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



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



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.



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



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



535017 (optional) 3 m, MB 40 torch



535018 (optional) 4 m, MB 40 torch
