

## Product Detail:

**Code:** S00302

**Model:** CONCEPT PROMIG 4200

Three-phase, inverter based, power source with separate wire feed unit, with synergic and manual control, for MIG MAG welding of the CONCEPT MIG range. It is very versatile and suitable for various applications, in particular for medium metal works.

It is ready for the torch cooling. The relevant cooling unit is available as an option.

Possibility to connect extensions for the connection of power sources to wire feed units of 5 or 10 metres for air or water cooling.

### MAIN CHARACTERISTICS

- Synergic control, that permits to control the welding conditions through just one variable and makes these machines easy to use even by less expert welders.
- Equipped with a sturdy and reliable 4-roller wire feeder that allows an optimal wire feeding. Replacement of rollers without tools.
- Provided with over 40 synergic curves for solid wire: Fe - Al - SS - CuSi, optimized to obtain exceptional arc stability and reduce post-welding works.
- Provided with curves for welding with flux-cored wire.
- Equipped with a wide LCD display that allows the operator to select and easily set the various welding modes and options. Furthermore, it gives the possibility to have always the clear indication of the current welding parameters.
- Possibility to use wire reels up to D. 300 mm, 15 kg.
- All in One control: the various welding options are adjusted by a single knob on the front panel.
- The welding options adjustable are: Arc Length, 2 times / 4 times, Spot Time, Pause Time, Inductance, Burn Back, Soft Start, pre-gas, post gas, Automatic Hot Start, Automatic Crater Filler and 3 levels.
- Selecting the manual working mode, it's possible to modify the welding parameters.
- Low power consumption.
- Sturdy metal casing equipped with cylinder holder.
- Highly stable thanks to large-diameter rear wheels.
- EURO connection for MIG torch.



**Technical Data:**

Code	S00302
Item	CONCEPT PROMIG 4200
Input Voltage	3x400V 50-60Hz
Absorbed power	35% 16,2 kVA - 60% 11,5 kVA - 100% 9,4 kVA
MIN-MAX Welding current	20 ÷ 400 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	35% 400A - 60% 320A - 100% 280A
Regulation steps	ELECTRONIC
Wire size (solid)	$\emptyset$ 0,6/0,8/0,9/1,0/1,2 Fe 0,8/0,9/1,0/1,2 Al 0,8/0,9/1,0/1,2 Inox 0,8/0,9/1,0 CuSi 3% 0,9 Cored mm
Max. wire spool size	$\emptyset$ 300 mm / 15 kg.
Protection class	IP21
Construction standards	EN 60974 – 1 / EN 60974 - 10
Dimensions	500x890x1245h mm
Weight	60 kg

**Accessories:**

 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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530233 (optional) Earth cable for welding

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530347 (optional) Polarity reversal cable

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

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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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530355 (optional) 2 m, extension for wire feed unit with copper cable diam. 70 mm<sup>2</sup> ready for cooling unit.

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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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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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560103 (optional) CU54H - Horizontal 5 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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540014 (optional) Aluminium welding kit for  $\varnothing$  1,2 - 1,6 wire and 3m torch.

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309269 (optional) Helmet with auto-dimming LCD filter (9-13 DIN) MAXIVISION COLOR to protect face and eyes during welding.

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357502 (optional) Flowmeter with 2 gas pressure gauges

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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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