

## Product Detail:

**Code:** S00375

**Model:** CONCEPT MIG 3500

Three-phase, inverter based, power source with synergic and manual control for MIG MAG welding of the CONCEPT MIG range, 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.


### 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.
- 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	S00375
Item	CONCEPT MIG 3500
Input Voltage	3x400V 50-60Hz
Absorbed power	35% 11,2 kVA - 60% 9,5 kVA - 100% 8,8 kVA
MIN-MAX Welding current	20 ÷ 350 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	35% 320A - 60% 270A - 100% 250A
Regulation steps	ELECTRONIC
Wire size (solid)	$\varnothing$ 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% mm
Max. wire spool size	$\varnothing$ 300 mm / 15 kg.
Protection class	IP21
Construction standards	EN 60974 – 1 / EN 60974 - 10
Dimensions	500x890x870h mm
Weight	42 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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530138 (optional) Earth cable for welding

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560103 (optional) CU54H - Horizontal 5 l cooling unit for torch

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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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357502 (optional) Flowmeter with 2 gas pressure gauges

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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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540011 (optional) Aluminium welding kit for Ø 0,8 - 1 wire and 3m torch.

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540014 (optional) Aluminium welding kit for Ø 1,2 - 1,6 wire and 3m torch.

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