product code: **PROARC500CEL-PAK**

Package equipment: • ProARC 500CEL • 3m electrode holder • 3m work clamp, • user's manual

Product variants

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ProARC 500CEL
PROARC500CEL-PAK

Product description

A POWERFUL, RELIABLE INVERTER

WITH THE POSSIBILITY OF WELDING WITH CELLULOSE ELECTRODES.

SPARTUS® ProARC 500CEL is a modern inverter welding machine based on IGBT transistors. The power supply is from a 400V three-phase network. It allows welding with electrodes wrapped in a wide range of diameters, with a maximum current of 500A.

The welder is resistant to very heavy loads, has an efficient cooling system and a high 60% rated duty cycle, and 100% duty cycle achieves for an intensity of 400A.

The machine has a number of modern technological solutions:

- MCU controller
- Protection against phase loss,
- VRD – reduced voltage without load

Thanks to the ProARC500 solutions, CEL has stable output parameters and functions that guarantee high quality of the welded joint:

- Adjustable **Hot Start** function – easier ignition of the coated electrode
- Adjustable **Arc Force** function – easier welding in difficult positions such as ceiling
- **Anti-stick** function – prevents sticking of the electrode
- Support for cellulose electrodes – the possibility of welding with **cellulose electrodes**
- the possibility of TIG welding with striking the Lift arc (by rubbing)

SPARTUS® ProARC 500CEL works well in professional welding work, where high power and reliability of the source is required.

Example application: industry, constructions, renovation works in the field, workshop works.

Technical details

Input	~3× 400V ± 10% 50 / 60 Hz
MMA welding current	20 - 500A
MMA duty cycle [%]	60%
No-load voltage	88V
Arc Force	yes
Hot Start	yes
VRD	yes
TIG Lift	yes
Welding with a cellulose electrode	yes
TIG welding current	20 - 500A
Current consumpiton	35A
Power factor (cosφ)	0.7
Efficiency η	85%
Insulation class	H
Protection class	IP23
Weight	30kg
Dimensions	620 x 240 x 450mm