

## SPARTUS® ProARC 500 CEL



**Product code:**

ProARC500CEL\_pak

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

### Product description

#### A POWERFUL, RELIABLE INVERTER WITH THE POSSIBILITY OF WELDING WITH CELLULOSE ELECTRODES.

SPARTUS® ProARC 500 CEL 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 device 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 500 CE 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 parameters

<b>Input</b>	~3× 400V ± 10% 50 / 60 Hz
<b>Welding current MMA [A]</b>	20 - 500
<b>Duty cycle MMA [%]</b>	60
<b>No-load voltage [V]</b>	88
<b>Additional features</b>	Arc Force, Hot Start, TIG lift welding, Welding with a cellulose electrode , VRD
<b>Welding current TIG [A]</b>	20 - 500
<b>Current consumption [A]</b>	35A
<b>Power factor (cosφ)</b>	0,7
<b>Efficiency η [%]</b>	85
<b>Insulation class</b>	H
<b>Protection class</b>	IP23
<b>Weight [kg]</b>	30
<b>Dimensions [mm]</b>	620 x 240 x 450
<b>Standards</b>	CE , EN 60974-1 , EN 60974-10

PRODUCT CATEGORIES: [MACHINES](#), [MMA](#)

Reference numbers and names belonged to above companies were called due to Property Right Law for buyer's convenience and they are related to code and spare part's description.

The products do not constitute an offer within the meaning of the Civil Code.