

SPARTUS® ProMIG 535 DUAL PULSE



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Product code:

PROMIG535DP-TOWER

Equiped: • ProMIG 535DP • separated wire feeder 4R • cooler • Hypercoolant – cooling liquid 5l • driving set • user's manual

The equipment of the device does not include complex cables connecting the source with the feeder.

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Product code:

PROMIG535DP-PAK-501-3

Package equipped: • device SPARTUS® ProMIG 535 • separated wire feeder 4R • cooler • Hypercoolant – cooling liquid 5l • driving set • **MIG gun SPARTUS® SPP 501** • **5m connection cable set** • 3m electrode holder • 3m mass cable with screw clamp • user's manual

Product description

SYNERGIC MIG WITH DUAL PULSE

SPARTUS® ProMIG 535 DP is high-end, modern inverter welding machine constructed on the basis of advanced PWM technology and professional IGBT transistors. It enables MIG / TIG DC and MMA welding with a current up to 500A. It is powered from three phase 400V source power. The device offers a wide range of possibilities for the above-mentioned methods of joining metals.

MIG welding

ProMIG 535 DP is equipped with a synergistic system for MIG / MAG welding with the possibility of selecting the following programs: for mill steel, stainless steel, aluminum welding and braze welding. It is possible to manually correct the parameters. In addition, the device has a number of functionalities supporting the welding process in the MIG method:

- 1P (Pulse) – MIG/MAG welding with pulsation, which significantly facilitates obtaining a spray arc,
- 2P (Dual Pulse) – MIG/MAG welding with dual pulse, in TIG quality,
- JOB mode – save and call 10 different job records,
- 2T/4T / s4T / SPOT Trigger Control,
- Burn Back,
- Slow Feed,
- Pre Gas and Post Gas.

Separate high-class four-roller feeder ensures stable wire feeding. An additional advantage is also the possibility of welding with the Spool Gun.

TIG welding

Thanks to the solutions used, the ProMIG 535 DP also enables advanced welding with the TIG Lift method.

ProMIG 535 DP has functions supporting the welding process in TIG method:

- 2T/4T Trigger Control,
- Down Slope.

MMA welding

The process of joining metals in this method is additionally supported by functions such as:

- Arc Force
- Hot Start.

Modern design, LCD function panel and the possibility of wireless control in combination with high-class components makes the SPARTUS® ProMIG 535 DP

stand out on the market. The professional device of the SPARTUS® Pro line is perfect suited to the production sector and industry.

Technical parameters

Input	~3× 400V ± 10% 50 / 60 Hz
Welding current MIG [A]	10 -500
Duty cycle MIG [%]	60
Wire feeding speed [m/min]	1.5 - 24
Wire feeder	separated, 4 - roll gear
Welding wire spool [kg]/[mm]	≤ 15 / 200/300
Wire diameter Ø [mm]	0.8, 1.0, 1.2, 1.6
Additional features	spool gun, DUAL PULSE, pulse, 2T/4T control , Output remote control, Arc Force, Hot Start, TIG lift welding, wire test, inductance control, synergy, synergistic program, brazing (CuSi3), MMA welding, built-in liquid cooling system, Pre-gas, Post-gas
Water cooler	Yes
Tank capacity [L]	5
Welding current MMA [A]	10 - 500
Current consumption [A]	MIG 41.4 / TIG DC 34.4 / MMA 41.8
Power factor (cosφ)	0,75
Insulation class	H
Protection class	IP21S
Weight [kg]	101.5
Dimensions [mm]	1150 x 590 x 1430
Standards	CE , EN60974-1

PRODUCT CATEGORIES: [MACHINES](#), [MIG](#), [WITH PULSATION](#)

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