



product code: **B2B-BAZA-KPL-PROMIG535DP**

The Pro machine configurator allows you to create a custom package.

**BASE contains:** ProMIG 535DP source; separated wire feeder 4R; cooler and driving set

In the other dictionaries, you can configure the remaining equipment options.

## Product variants

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**ProMIG 535DP configurator**  
**B2B-BAZA-KPL-PROMIG535DP**

## 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 details

Input	~3× 400V ± 10% 50 / 60 Hz
MIG welding current	10-500A
MIG duty cycle	60%
Wire feeder	separated, 4 - roll gear
Wire feeding speed	1.5 - 24 m/min
Welding wire spool	≤ 15kg / Ø200/300mm
Wire diameter	0.8 / 1.0 / 1.2 / 1.6mm
Synergy	yes
2T/4T Control	yes
s4T control	yes
SPOT welding	yes
Additional MIG functions	DUAL PULSE, Burn Back, Pre-gas, Post-gas, synergistic program, manual adjustment of parameters, inductance control, spool gun, Slow Feed, gas test, wire test
Water cooler	yes
Tank capacity	5l
TIG Lift	yes
TIG welding current	10 - 500A
Down slope	0 - 10s
MMA welding current	10 - 500A
Arc Force	yes
Hot Start	yes
Current consumpition	MIG 41.4A / TIG DC 34.4 / MMA 41.8A
Power factor (cosφ)	0.75
Insulation class	H
Protection class	IP21S
Weight	101.5kg
Dimensions	1150 × 590 × 1430mm