



product code: **PROMIG505-TOWER**

Package equipped:

- ProMIG 505
- 2 x wire guide roller 1.0 - 1.2V fi30
- separated wire feeder 4R
- cooler
- MaxCoolant - cooling liquid 5l
- driving set
- user's manual

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



Use the configurator to complete the equipment according to your needs.

Product variants

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ProMIG 505 [source, cooler, wire feeder, driving set]

PROMIG505-TOWER

ProMIG 505 [source, cooler, wire feeder, connection cable set, driving set] package with MIG gun SPP501 - 3m

PROMIG505-PAK-501-3

Product description

SYNERGIC MIG DESIGNED FOR INDUSTRY

SPARTUS® ProMIG 505 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 505 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; self-shielding wire 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:

- **2T/4T Trigger Control**
- **Burn Back**
- **Slow Feed**
- **Pre Gas i Post Gas.**

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

TIG welding

Thanks to the solutions used, the ProMIG 505 also enables advanced welding with the TIG Lift method. ProMIG 505 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 and LCD function panel in combination with high-class components makes the SPARTUS® ProMIG 505 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	30 - 500A
MIG duty cycle	60%
Wire feeder	separated, 4 - roll gear
Wire feeding speed	2,5 - 24m/min
Welding wire spool	≤ 15kg / Ø200/300mm
Synergy	yes
2T/4T Control	yes
Additional MIG functions	Pre-gas, Post-gas, spool gun, 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 36.3A / TIG DC 29.5A / MMA 37.5A
Power factor (cosφ)	0.81
Efficiency η	90%
Insulation class	H
Protection class	IP21S
Weight	101.5kg
Dimensions	1100 x 500 x 1460mm