



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

Index	Price
<b>ProMIG 505 [source, cooler, wire feeder, driving set]</b> <b>PROMIG505-TOWER</b>	<b>€3,152.20</b> / pc Net price
<b>ProMIG 505 [source, cooler, wire feeder, connection cable set, driving set] package with MIG gun</b> <b>SPP501 - 3m</b> <b>PROMIG505-PAK-501-3</b>	<b>€3,611.73</b> / pc Net price

## 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