



product code: **PROMIG505-TOWER**

**Package equipped:**

- ProMIG 505
- 2 x wire guide roller 1.0 - 1.2V fi30
- 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.**



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> PROMIG505-TOWER	<b>€2,954.86</b> / pc Net price
<b>ProMIG 505 [source, cooler, wire feeder, connection cable set, driving set] package with MIG gun</b> SPP501 - 3m PROMIG505-PAK-501-3	<b>€3,385.62</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**

<b>Input</b>	<b>~3× 400V ± 10% 50 / 60 Hz</b>
<b>MIG welding current</b>	<b>30 - 500A</b>
<b>MIG duty cycle</b>	<b>60%</b>
<b>Wire feeder</b>	<b>separated, 4 - roll gear</b>
<b>Wire feeding speed</b>	<b>2,5 - 24m/min</b>
<b>Welding wire spool</b>	<b>≤ 15kg / Ø200/300mm</b>
<b>Synergy</b>	<b>yes</b>
<b>2T/4T Control</b>	<b>yes</b>
<b>Additional MIG functions</b>	<b>Pre-gas, Post-gas, spool gun, wire test</b>
<b>Water cooler</b>	<b>yes</b>
<b>Tank capacity</b>	<b>5l</b>
<b>TIG Lift</b>	<b>yes</b>
<b>TIG welding current</b>	<b>10 - 500A</b>
<b>Down slope</b>	<b>0 - 10s</b>
<b>MMA welding current</b>	<b>10 - 500A</b>
<b>Arc Force</b>	<b>yes</b>
<b>Hot Start</b>	<b>yes</b>
<b>Current consumpition</b>	<b>MIG 36.3A / TIG DC 29.5A / MMA 37.5A</b>
<b>Power factor (cosφ)</b>	<b>0.81</b>
<b>Efficiency η</b>	<b>90%</b>
<b>Insulation class</b>	<b>H</b>
<b>Protection class</b>	<b>IP21S</b>
<b>Weight</b>	<b>101.5kg</b>
<b>Dimensions</b>	<b>1100 x 500 x 1460mm</b>