



product code: **B2B-BAZA-KPL-PROTIG321PACDC**

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

BASE contains: **ProTIG 321P AC/DC source**

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

## Product variants

Index	Price
<b>ProTIG 321P AC/DC configurator</b> B2B-BAZA-KPL-PROTIG321PACDC	<b>€1,443.00</b> / pc Net price
<b>ProTIG 2000 AC/DC configurator</b> B2B-BAZA-KPL-PROTIG2000ACDC	<b>€862.71</b> / pc Net price
<b>ProTIG 2000W AC/DC configurator</b> B2B-BAZA-KPL-PROTIG2000WACDC	<b>€1,606.67</b> / pc Net price
<b>ProTIG 220P AC/DC configurator</b> B2B-BAZA-KPL-PROTIG220PACDC	<b>€794.25</b> / pc Net price
<b>ProTIG 225P AC/DC configurator</b> B2B-BAZA-KPL-PROTIG225PACDC	<b>€1,011.49</b> / pc Net price
<b>ProTIG 3000 DC configurator</b> B2B-BAZA-KPL-PROTIG3000DC	<b>€743.67</b> / pc Net price
<b>ProTIG 3000W DC configurator</b> B2B-BAZA-KPL-PROTIG3000WDC	<b>€1,487.63</b> / pc Net price
<b>ProTIG 321P DC configurator</b> B2B-BAZA-KPL-PROTIG321PDC	<b>€788.31</b> / pc Net price
<b>ProTIG 321PW AC/DC configurator</b> B2B-BAZA-KPL-PROTIG321PWACDC	<b>€2,333.40</b> / pc Net price
<b>ProTIG 321PW DC configurator</b> B2B-BAZA-KPL-PROTIG321PWDC	<b>€1,678.71</b> / pc Net price
<b>ProTIG 401P AC/DC configurator</b> B2B-BAZA-KPL-PROTIG401PACDC	<b>€2,067.92</b> / pc Net price
<b>ProTIG 401PW AC/DC configurator</b> B2B-BAZA-KPL-PROTIG401PWACDC	<b>€2,958.33</b> / pc Net price
<b>ProTIG 220P AC/DC configurator</b> B2B-BAZA-PROTIG220PACDC	<b>€794.25</b> / pc Net price

Index	Price
<b>ProTIG 225P AC/DC configurator</b> B2B-BAZA-PROTIG225PACDC	<b>€1,011.49 / pc</b> Net price
<b>ProTIG 321P AC/DC configurator</b> B2B-BAZA-PROTIG321PACDC	<b>€1,443.00 / pc</b> Net price
<b>ProTIG 321P DC configurator</b> B2B-BAZA-PROTIG321PDC	<b>€788.31 / pc</b> Net price
<b>ProTIG 321PW AC/DC configurator</b> B2B-BAZA-PROTIG321PWACDC	<b>€2,333.40 / pc</b> Net price
<b>ProTIG 321PW DC configurator</b> B2B-BAZA-PROTIG321PWDC	<b>€1,678.71 / pc</b> Net price
<b>ProTIG 401P AC/DC configurator</b> B2B-BAZA-PROTIG401PACDC	<b>€2,067.92 / pc</b> Net price
<b>ProTIG 401PW AC/DC configurator</b> B2B-BAZA-PROTIG401PWACDC	<b>€2,958.33 / pc</b> Net price

## Product description

### MODERN AND EFFICIENT TIG AC/DC WITH PULSE

**SPARTUS® ProTIG 321P AC/DC** is a inverter welder in a modern edition. It allows TIG AC/DC and MMA AC/DC welding with current up to 320A. The device is powered from a 400V three-phase network.

Thanks to the solutions used, the ProTIG 321P AC/DC also enables advanced TIG AC and TIG DC welding with a choice of arc ignition HF or Lift method. The device is equipped with a pulse welding function, which makes the machine perfect for welding very thin sheets and aluminum.

ProTIG 321P AC/DC has functions supporting the welding process in TIG method:

- **output AC waveforms:** square, sinusoidal, triangular,
- **2T/4T** Trigger Control,
- **AC balance, AC frequency, pulse frequency, pulse** width and pulse amps adjustment,
- **up slope** and **down slope** adjustment,
- **SPOT** welding.

ProTIG 321P AC/DC enables MMA AC and MMA DC welding. The process of joining metals in this method is additionally supported by functions such as:

- **Arc Force**
- **Hot Start.**

Additionally the device has 10 memory channels. The user can easily save and recall the most used settings.

Modern design, LCD function panel and the possibility of wireless control in combination with high-class components makes the ProTIG 321P AC/DC 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>
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<b>TIG welding current</b>	<b>10-320A</b>
<b>TIG duty cycle</b>	<b>60%</b>
<b>Gas pre flow</b>	<b>0.1 - 2s</b>
<b>Gas post flow</b>	<b>0 - 10s</b>
<b>Up slope</b>	<b>0 - 10s</b>
<b>Down slope</b>	<b>0 - 10s</b>
<b>TIG Pulse</b>	<b>yes</b>
<b>Pulse Amps</b>	<b>10 - 320A</b>
<b>Pulse Width</b>	<b>5 - 95%</b>
<b>Pulse frequency</b>	<b>0.5 - 999Hz</b>
<b>AC frequency</b>	<b>50 - 250Hz</b>
<b>AC wave forms</b>	<b>square, sinusoidal, triangular</b>
<b>AC balance</b>	<b>10 - 99%</b>
<b>2T/4T Control</b>	<b>yes</b>
<b>Arc ignition</b>	<b>HF</b>
<b>Control options</b>	<b>control in torch UP&amp;DOWN, wired foot control, control in the handle potentiometer, wireless remote control</b>
<b>MMA welding current</b>	<b>10 - 320A</b>
<b>Arc Force</b>	<b>yes</b>
<b>Hot Start</b>	<b>yes</b>
<b>No-load voltage</b>	<b>61V</b>
<b>Current consumption</b>	<b>AC: TIG 18.7A / MMA 23.5A DC: TIG 19A / MMA 25.4A</b>
<b>Power factor (cosφ)</b>	<b>0.7</b>
<b>Efficiency η</b>	<b>85%</b>
<b>Insulation class</b>	<b>H</b>
<b>Protection class</b>	<b>IP21S</b>
<b>Weight</b>	<b>27.8kg</b>
<b>Dimensions</b>	<b>700 × 260 × 480mm</b>
<b>Control plug</b>	<b>9SPA - SPARTUS®</b>