



product code: **B2B-BAZA-KPL-PROTIG3000WDC**

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

**BASE contains: ProTIG 3000 DC source; cooler and driving set**

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

## Product variants

Index	Price
<b>ProTIG 3000W DC configurator</b> B2B-BAZA-KPL-PROTIG3000WDC	<b>€1,487.63</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 321P DC configurator</b> B2B-BAZA-KPL-PROTIG321PDC	<b>€788.31</b> / pc Net price
<b>ProTIG 321PW DC configurator</b> B2B-BAZA-KPL-PROTIG321PWDC	<b>€1,678.71</b> / pc Net price
<b>ProTIG 325P AC/DC configurator</b> B2B-BAZA-KPL-PROTIG325PACDC	<b>€1,443.00</b> / pc Net price
<b>ProTIG 325PW AC/DC configurator</b> B2B-BAZA-KPL-PROTIG325PWACDC	<b>€2,333.40</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 DC configurator</b> B2B-BAZA-PROTIG321PDC	<b>€788.31 / 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

### **ProTIG 3000W DC** - PROFESSIONAL DC TIG WELDER WITH PULSE

**SPARTUS® ProTIG 3000W DC** is a technologically advanced premium class inverter welder. Built using IGBT transistor technology, it allows for TIG DC and MMA welding with a maximum current up to 320A. The device is designed to operate with three-phase 400V power supply.



## TIG WELDING

**SPARTUS® ProTIG 3000W DC** in TIG mode provides welders the option to choose the most suitable arc striking method – high frequency (HF) or Lift. The device features **pulse current welding**, making it an excellent solution for welding delicate sheet metal and aluminum, ensuring the highest quality and precision of welds.

The device includes functions supporting the TIG welding process, such as:

- **Adjustments: pulse frequency, pulse width, and pulse current**, which provide excellent control over the welding process.
- **Adjustments of current decay and rise time:** Allows for optimization of arc dynamics, crucial for complex welds.
- **SingleSPOT and MultiSPOT Welding:** These options allow for precise spot welding, ideal for precision applications in industry.
- **2T/4T Operation Modes:** Facilitates control and ensures comfort during both short and prolonged welding projects.

Thanks to these advanced features, **SPARTUS® ProTIG 3000W DC** becomes an invaluable tool for professionals who demand the highest quality and adaptability to various working conditions.

## MMA WELDING

**SPARTUS® ProTIG 3000W DC** offers MMA welding capabilities. The device is equipped with support functions that significantly facilitate and optimize the welding process:

- **Hot Start:** Facilitates the initial electrode ignition, particularly helpful when welding more challenging materials, ensuring a smooth start and stable arc from the very beginning.
- **Arc Force (Arc Dynamics Adjustment):** Automatically adjusts the intensity of the welding arc, facilitating welding in hard-to-reach places or forced positions. This ensures greater control over the

welding process, minimizing the risk of joint defects.

The above functions guarantee higher weld quality and ease of use, even when performing the most demanding welding tasks.

## MEMORY CHANNELS

**SPARTUS® ProTIG 3000W DC** is equipped with **10 memory channels**, which are a key tool for any professional, allowing for quick and efficient management of the welding process. With this feature, the welder can save and quickly recall the most frequently used machine settings, significantly streamlining work and saving time when changing welding parameters between different projects or materials.

## CONTROL

**SPARTUS® ProTIG 3000W DC** offers a wide range of control options, depending on the welder's preferences. The device is compatible with TIG handles controlled by a 4B microswitch (UP&DOWN) or potentiometer. **ProTIG 3000W DC** also offers the possibility of wired and wireless foot control using a specially designed remote.



## COOLING

**SPARTUS® ProTIG 3000W DC** offers a flexible cooling option, allowing for operation with either gas cooling or an integrated cooler. Simply switch the mode on the control panel to adjust the cooling system to current needs and working conditions.

## MOBILE SET ON A CART

**SPARTUS® ProTIG 3000W DC** is delivered in a set with an integrated cooler mounted on a practical cart. This convenient and functional configuration not only significantly improves the mobility of the entire set but also enhances cooling efficiency, which is crucial during longer welding sessions. With better heat dissipation, welders can work longer without the risk of overheating the equipment, which translates to higher efficiency and longer device lifespan. Additionally, the mobility of the set allows for easy movement between different workstations, which is particularly valuable in variable industrial conditions.

**SPARTUS® ProTIG 3000W DC** is a versatile welding device tailored to the needs of professionals. It is characterized by unparalleled precision, efficiency, and reliability, making it a top choice for any experienced welder.

## Technical details

<b>Input</b>	<b>~3× 400V ± 10% 50 / 60 Hz</b>
<b>TIG welding current</b>	<b>5 - 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>5 - 320A</b>

<b>Pulse Width</b>	<b>5 - 95%</b>
<b>Pulse frequency</b>	<b>0.5 - 999Hz</b>
<b>2T/4T Control</b>	<b>yes</b>
<b>SPOT welding</b>	<b>yes</b>
<b>Arc ignition</b>	<b>LIFT / HF</b>
<b>Control options</b>	<b>wireless foot pedal, control in torch UP&amp;DOWN, yes, wired foot control, control in the handle potentiometer, wireless remote control</b>
<b>Water cooler</b>	<b>yes</b>
<b>Tank capacity</b>	<b>4l</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>10.5V</b>
<b>Current consumpition</b>	<b>TIG 18.4 / MMA 24.4</b>
<b>Power factor (cosφ)</b>	<b>0.7</b>
<b>Insulation class</b>	<b>H</b>
<b>Protection class</b>	<b>IP23</b>
<b>Weight</b>	<b>47kg</b>
<b>Dimensions</b>	<b>570 × 545 × 1120mm</b>
<b>Control plug</b>	<b>-</b>