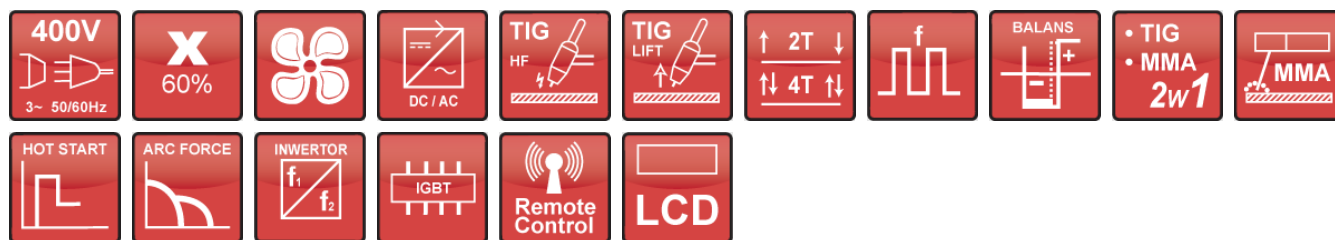


## SPARTUS® ProTIG 321PW AC/DC



## SPARTUS® ProTIG 321PW AC/DC

**Product code:** PROTIG321PWACDC-TOWER

Package equipped: • Source SPARTUS® ProTIG 321P AC/DC • Cooler • Hypercoolant – cooling liquid 5l • 4 wheel drive set • User's manual

## SPARTUS® ProTIG 321PW AC/DC - package 18 4m

**Product code:** PROTIG321PWACDC-PAK-18-4



Package equipped: • Source SPARTUS® ProTIG 321P AC/DC • **Cooler** • **Hypercoolant – cooling liquid 5l** • **4 wheel drive set** • **TIG torch SPARTUS® SPP 18 4B X 4m** • **TIG toolbox (consumable kit)** • 3m electrode holder • 3m work clamp • Gas hose • User's manual

### Product description

## MODERN AND EFFICIENT TIG AC / DC WITH PULSE

**SPARTUS® ProTIG 321PW AC/DC** is an 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 321PW 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 321PW 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 321PW 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.

The ProTIG 321PW AC/DC model is additionally equipped with an integrated liquid cooler, which ensures efficient cooling of the torch during welding with high currents. The whole is placed on a transport cart with space for a shielding gas cylinder.

Modern design, LCD function panel and the possibility of wireless control in combination with high-class components makes the ProTIG 321PW AC/DC stand out on the market.

The professional device of the SPARTUS® Pro line is perfect suited to the production sector and industry.

### CONTROL OPTIONS:



Wireless remote control for ProTIG 321P



Wireless foot control



Standard foot pedal

## Technical parameters

<b>Input</b>	~3× 400V ± 10% 50 / 60 Hz
<b>Welding current TIG [A]</b>	10 - 320
<b>Duty cycle TIG [%]</b>	60
<b>Pre-gas [s]</b>	0,1 - 2
<b>Up slope [s]</b>	0 - 10
<b>Down slope [s]</b>	0 - 10
<b>Post-gas [s]</b>	0 - 10
<b>Additional features</b>	pulse, 2T/4T control , Output remote control, Arc Force, Hot Start, MMA welding
<b>Pulse Amps [A]</b>	10 - 320
<b>Base Amps [A]</b>	10 - 320
<b>Pulse Width [%]</b>	5 - 95
<b>Pulse frequency [Hz]</b>	0,5 - 999
<b>AC frequency [Hz]</b>	50 - 250
<b>AC Wave Forms</b>	square, sinusoidal, triangular
<b>Water cooler</b>	Yes

<b>Tank capacity [L]</b>	5
<b>AC balance [%]</b>	10 - 99
<b>Contactless pilot arc ignition</b>	Lift /HF
<b>Welding current MMA [A]</b>	10 - 320
<b>Hot Start range [A]</b>	0 - 10
<b>Arc Force range [A]</b>	0 - 10
<b>No-load voltage [V]</b>	61
<b>Current consumption [A]</b>	AC: TIG 18.7 / MMA 23.5   DC: TIG 19 / MMA 25.4
<b>Power factor (cosφ)</b>	0,70
<b>Efficiency η [%]</b>	85
<b>Insulation class</b>	H
<b>Protection class</b>	IP21
<b>Weight [kg]</b>	74.5
<b>Dimensions [mm]</b>	1150 x 600 x 1200

PRODUCT CATEGORIES: [MACHINES](#), [AC/DC](#), [TIG](#)

NW ® is independent subject and not connected to ABITIG®, AMPHENOL®, ASPA®, BESTER®, BINZEL®, CEA®, CEBORA®, ESAB®, EWM®, FALTIG®, FRO®, FRONIUS®, HARRIS®, HYPERTHERM®, KJELLBERG®, L-TEC®, LINCOLN®, MAGNUM®, OTC®, SAF®, SHERMAN®, TELWIN®, THERMAL DYNAMICS®, TRAFIMET®, TUCHEL®.

Reference numbers and names belonged to above companies were called due to Property Right Law for buyer's convenience and they are related to code and spare part's description.

The products do not constitute an offer within the meaning of the Civil Code.