

## SPARTUS® ProTIG 320PW DC



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Product code:

ProTIG320PWDC



• Device Spartus® ProTIG 320PW DC • Cooler • 4 wheel drive set • 3m work clamp • Gas hose • User's manual

### Product description

### POWERFUL, INVERTOR TIG DC WITH PULSE AND INTEGRATED COOLER

A modern inverter TIG DC welding machine constructed on the basis of IGBT transistors. The high reliability of the device and the resistance to overload have been achieved through the use of high-class components and intelligent source protection systems.

**SPARTUS® ProTIG 320P/PW DC** enables TIG welding with direct DC current with or without pulse and an MMA coated electrode. The maximum welding current for both methods is 320A with a high 60% duty cycle.

It is a device designed and manufactured for heavy industrial conditions. Allows welding of steel, stainless steel, acid resistant steel, titanium and other weldable alloys in a wide range of material thicknesses. The built-in MCU control system reacts immediately to any changes maintaining stable output parameters, which translates directly to the high quality of the welded joint.

The simple to use and intuitive function panel allows precise control of all the most important welding parameters for TIG and MMA methods. The device has built-in remote parameter control support by means of: a microswitch in the welding torch, with the use of foot control and a dedicated remote control.

**SPARTUS® ProTIG 320PW DC** model is equipped with an integrated TIG torch cooler. The source and cooler are placed on a specialized transport trolley – creating a stable Tower construction. There is a possibility to mount a large shielding gas cylinder on the chassis. The kit can be removed at any time, eg for carrying out maintenance work.

Examples of applications: industry, renovation works in the field, workshop work, steel structures, production of elements for the food industry.

### WIRED FOOT CONTROLLER:



## Technical parameters

<b>Input</b>	~3× 400V ± 10% 50 / 60 Hz
<b>Welding current TIG [A]</b>	5 - 320
<b>Duty cycle TIG [%]</b>	60[%] 320[A] 100[%] 250[A]
<b>Start Amps, End Amps</b>	YES
<b>Pre-gas [s]</b>	0 - 2
<b>Up slope [s]</b>	0 - 10
<b>Down slope [s]</b>	0 - 10
<b>Post-gas [s]</b>	0 - 10
<b>Pulse Amps [A]</b>	5 - 320
<b>Base Amps [A]</b>	5 - 320
<b>Pulse Width [%]</b>	5 - 95
<b>Pulse frequency [Hz]</b>	0.5 - 200
<b>Additional features</b>	pulse, 2T/4T control , Output remote control, MMA welding
<b>Welding current MMA [A]</b>	5 - 320
<b>Hot Start range [A]</b>	0 - 10
<b>Arc Force range [A]</b>	0 - 10
<b>No-load voltage [V]</b>	77,2
<b>Current consumption [A]</b>	TIG 19 / MMA 23
<b>Power factor (cosφ)</b>	0,75
<b>Efficiency η [%]</b>	85
<b>Insulation class</b>	H
<b>Protection class</b>	IP23
<b>Weight [kg]</b>	73
<b>Dimensions [mm]</b>	1060 x 446 x 1100

PRODUCT CATEGORIES: [WELDING MACHINES](#), [TIG](#)

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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.