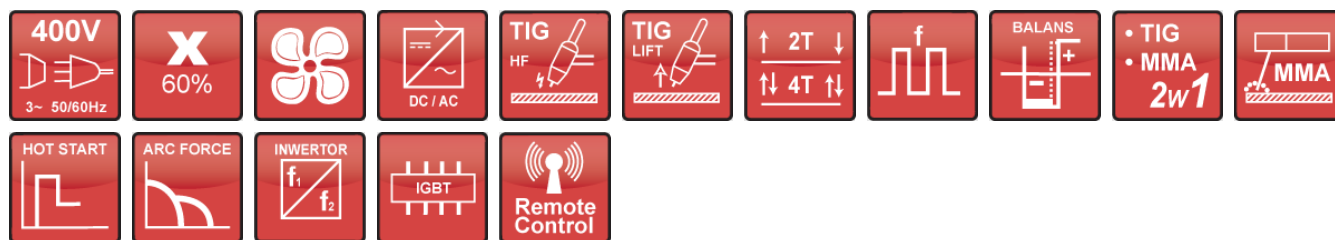


## SPARTUS® ProTIG 320PW AC/DC



## SPARTUS® ProTIG 320PW AC/DC

Product code:

ProTIG320PWACDC



Standard equipped: • Device SPARTUS® ProTIG 320PW AC/DC • Cooler • 4 wheel drive set • 3m work clamp • Gas hose • User's manual

## SPARTUS® ProTIG 320PW AC/DC - package 20HD 8m

Product code:

ProTIG- 320PWACDC\_pak\_20HD-8

Package equipped: • Device SPARTUS®ProTIG 320PW AC/DC • **Cooler** • **4 wheel drive set** • **TIG torch SPARTUS® mini SPP 20** • **TIG toolbox (consumable kit)** • **HD 4B X 8m** • **3m electrode holder** • **5m work clamp** • Gas hose • User's manual

## SPARTUS® ProTIG 320PW AC/DC - package 18 8m

Product code:

ProTIG- 320PWACDC\_pak\_18-8

Package equipped: • Device SPARTUS®ProTIG 320PW AC/DC • **Cooler** • **4 wheel drive set** • **TIG torch SPARTUS® SPP 18 4B X 8m** • **TIG toolbox (consumable kit)** • **3m electrode holder** • **5m work clamp** • Gas hose • User's manual

## SPARTUS® ProTIG 320PW AC/DC - package 20HD 4m

Product code:

ProTIG- 320PWACDC\_pak\_20HD-4

Package equipped: • Device SPARTUS®ProTIG 320PW AC/DC • **Cooler** • **4 wheel drive set** • **TIG torch SPARTUS® mini SPP 20HD 4B X 4m** • **TIG toolbox (consumable kit)** • **3m electrode holder** • **3m work clamp** • Gas hose • User's manual

## SPARTUS® ProTIG 320PW AC/DC - package 18 4m

Product code:

ProTIG- 320PWACDC\_pak\_18-4

Package equipped: • Device SPARTUS®ProTIG 320PW AC/DC • **Cooler** • **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, STRONG AND FOOLPROOF TIG AC/DC

**SPARTUS® Pro TIG 320PW AC/DC** is a modern, digitally controlled inverter welder, constructed on the basis of IGBTs. Allows welding with TIG AC/DC and MMA AC/DC welding methods up to 320 amps. The device has a high duty cycle (60%) and is powered with three-phase 400V source power.

The digital function panel provides to precise control of all major welding parameters for both TIG AC and TIG DC methods:

- TIG process full chart
- AC Balance in the wide range of 10-99%

- AC current frequency in the range 50-250 Hz
- AC wave forms: rectangular, sinusoidal, triangular
- Fully adjustable TIG PULS mode: peak current, base current, pulse frequency, pulse with
- 2T/4T operating mode

And the most important parameters for MMA AC/DC methods:

- Welding current
- Hot Start – easier arc ignition
- Arc Force – better welding in forced positions

The dedicated and integrated liquid cooler unit provides to efficient cooling of the welding torch during welding with high currents. In addition the liquid cooler unit and welding source are located on a dedicated cart. Cart has a special platform to gas bottle. It is possible to purchase the welding source without cooler unit and cart.

**SPARTUS® Pro TIG 320PW AC/DC** will be perfect for welding jobs in industry and manufacturing. Both during welding steels, stainless steel and aluminum or other alloys

Examples of use: production, industry, constructions.

### CONTROL OPTIONS:



Wireless remote control TIG 320P/400P AC/DC



Standard foot pedal



Wireless foot pedal

### Technical parameters

Input	~3× 400V ± 10% 50 / 60 Hz
Welding current TIG [A]	10 - 320
Duty cycle TIG [%]	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>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>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 - 100
<b>Arc Force range [A]</b>	0 - 100
<b>No-load voltage [V]</b>	63
<b>Current consumption [A]</b>	TIG 19 / MMA 27
<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>	74.5
<b>Dimensions [mm]</b>	1060 x 446 x 1100

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