



NOVATIG 325 DC NOVATIG 403 DC PULSE



Main features

- INVERTER technology with IGBT module which give greater stability e reliability and a high service cycle.
- Sturdy trolley with integrated group cooling.
- TIG LIFT and HF modes for enhanced versatility during welding initiation.
- TIG LIFT is suitable for use in machining where sensitive equipment is present.
- ARC FORCE control, HOT START control and anti-sticking for greater control and ease of use during MMA welding.
- High performance on ultra-thin surfaces without deformation. 2/4

Stroke trigger control

- With this button you can check the ramp up and down of the welding current.

Digital display

- 7-segment digital displays that allow you to view the current e the welding voltage to obtain a precise parameter adjustment

Compatibility with Generators

- Thanks to the ability to adapt to sudden changes of voltage connection is possible with generator.
- Remote control from the smart flashlight UP DOWN.
- Amperage control via potentiometer placed on the torch.
- Remote control (OPTIONAL).
- Foot control (OPTIONAL).

- Carpentry • Buildings
- Repair and maintenance • Civil constructions
- Shipbuilding • Energy plants
- Transportation

TIG DC Pulse - H₂O

NOVATIG 403 DC PULSE and **325 DC** Generators have been designed to satisfy all needs of TIG welding. It is possible to select the TIG mode with priming ad High Frequency or Lift - Arc and regular the setting of the descent and ascent ramp. In MMA mode you can adjust Arc - Force and Hot - Start independently. Unlike the previous models these Versions, with high technological presence allow the welder the possibility and use of PULSATION and welding SPOT.

In the **NOVATIG 325 DC** generator a number of functions help and facilitate operators in the most diversified applications using the generator even in the welding of small thicknesses.

PULSED TIG SYN Function that solves problems with the welding of slightly oxidized sheets avoiding contamination of the electrode with oxidizing agents.

PULSED 2.5 KHz Function used to weld very fine materials and finds its best application in furniture and accessories, minimizing the amount of heat and concentrating the arc in the bathroom of welding.

FUSION Function that allows the use of the generator in the application of welding with very fine thicknesses.

DYNAMIC ARC Function that allows you to always have an arc stable, increases penetration and adapts to even small movements of the flashlight.

PULS - ST. Function that allows you to use an arc strike very fast.

SPOT Function that simplifies spot welding operations and that allows a considerable decrease in heat input. You can use the **NOVATIG 325 DC** series generator with Selectable Lift Arc or HF trigger, all have digital controls for the Pre Gas selection, Hot Start, up and down ramps and selection of the various types of waves. Thanks to the ability to adapt to power surges connection is possible with generator.

- INVERTER TECHNOLOGY
- ENERGY SAVING
- V / A DIGITAL INSTRUMENTATION AS STANDARD
- 2 - 4 STROKE SELECTION
- TIG DC - MMA - TIG PULSE SELECTION
- MULTI SPOT FUNCTION (TIG 325 DC)
- LIFT ARC OR HF STARTER SELECTION
- ADJUSTABLE ARC FORCE AND HOT START
- UP - DOWN SLOPE AND POST FLOW ADJUSTABLE
- COOLING TYPE SELECTION
- REMOTE CONTROL PREPARATION
- PEDAL CONTROL SET-UP
- PREPARATION FOR TIG UP / DOWN TORCH
- COUPLING WITH MOTORGENERATOR



NOVATIG 325 DC

NOVATIG 403 DC PULSE

Technical data

Description	NOVATIG 325 DC	NOVATIG 403 DC PULSE
Power supply, three phases	400 V- 50/60 Hz	400 V- 50/60 Hz
MAX current	22 A	31.5 A
Fuse	25 A	32 A
Noise emissions	< 70dB	< 70dB
MAX power	11.6 KW	16.6 KW
Duty cycle 100%	260 (TIG)	310 (TIG)
Duty cycle 60%	320 (TIG)	400 (TIG)
Open circuit voltage	73V	70V
Output range	5 - 320 A	5 - 400 A
Compliant with standards	EN 60974 - 1- 10	EN 60974 - 1- 10
Application class	s	s
Weldable electrodes diameters	1.6-4 mm	1.6-6 mm
Dimensions, mm (L x W x H)	1100 x 280 x 970	707 X 255 X 650
Weight, kg	44	32
Insulation class	H	H
Protection class	IP23	IP23
Cooling system	AF	AF
Operating temperature	-10+40°C	-10+40°C



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