



NOVATIG 303 AC/DC LCD



Main features

HF (high frequency) mode

- Arc ignition system with HF for an easier start of welding.

Ramp up / down and Post Gas

- Adjustment of the rise and fall time of the current ramp and regulation of the Post Gas time.

Extra functions

- Automatic ARC FORCE adjustment, HOT START and anti-sticking for one greater control and ease of use during MMA welding.
- Multitack function.
- Q-START function.
- Dynamic Arc function.

4.3 "LCD display

Protections

- Equipped with temperature sensors for the INVERTER protection.
- Equipped with sensors that guarantee the MAX current limitation of welding.

Weight

- Extremely low weight which makes it versatile and portable the generator.

Compatibility with Generators

- Thanks to the ability to adapt to sudden changes of voltage and connection with generator.

THREE-PHASE AC/DC TIG

The **NOVATIG 303 AC / DC** Generator was designed with **INVERTER** technology of last generation. Simple but sturdy it is equipped with all the modern devices that allow to simplify the operations of welding.

It offers the possibility to use the mode TIG AC / DC with high frequency ignition with ramp adjustment e descent.

This generator can perform a fast continuous spot welding (Multitack) using very thin material thicknesses. It has the integrated function of the Q-START which is meant to point the pieces during the initial welding phase.

Of no less importance is the ad welding dynamic arc makes the process faster e with less deformation of the welded parts.

Thanks to the ability to adapt to sudden changes connection is possible with generator.

- INVERTER TECHNOLOGY
- LCD SCREEN
- PEDAL CONTROL PREPARATION
- ADJUSTABLE SLOPE UP AND SLOPE DOWN
- 2 - 4 STROKE SELECTION
- TIG AC / DC - MMA SELECTION
- LIFTARC OR HF INITIATION SELECTION
- TIG AC / DC SELECTION
- PULSED MODE
- ADJUSTABLE PRE GAS AND POST GAS
- ADJUSTABLE HOT START
- SPOT FUNCTION
- MULTITACK FUNCTION
- Q-START FUNCTION
- DYNAMIC ARC FUNCTION
- COUPLING WITH MOTORGENERATOR

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



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Technical data

Description	NOVATIG 303 AC/DC LCD
Power supply, three phases	400 V - 50/60 Hz
MAX current	15 (DC) - 14 (AC)
Fuse	20 A
Noise emissions	< 70dB
MAX power	6.5 KW
Duty cycle 100%	159 A (DC) - 159 A (AC)
Duty cycle 60%	205 A (DC) - 205 A (AC)
Duty cycle 30%	290 A (AC - DC)
Open circuit voltage	71 V
Output range	10 - 290 A
Compliant with standards	EN 60974 - 1 - 10
Application class	S
Weldable electrodes diameters	1.6 - 5 mm
Dimensions, mm (L x W x H)	580 x 190 x 370
Weight, kg	14,5
Insulation class	H
Protection class	IP23
Cooling system	AF
Operating temperature	-10+40°C



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