



NOVATIG

300 - 370 AC/DC

Complete solutions for TIG AC/DC welding



- Inverter technology
- Energy saving
- Digital V/A instruments as standard
- Prepared for foot control
- Storage possibility for welding programs
- 2-4 strokes torch control
- Selection for TIG DC – Pulsed TIG DC - MMA
- Square-wave, sinusoid, mix wave TIG AC
- AC balance
- Pulsed TIG AC
- Lift Arc or HF ignition
- Adjustable Pre-gas and Post-gas flow
- Adjustable Hot Start
- Adjustable Slope Up and Slope Down
- TIG AC and DC spot welding
- Gas test
- Cooling system test
- Ready for automation

The **NOVATIG** series of inverter-based power sources represent a complete and ideal solution for TIG AC/DC production welding in workshops and yards, or for repair and maintenance applications.

Besides the TIG DC, Pulsed TIG DC and square-sinusoidal mixed wave TIG AC processes, the new NOVATIG power sources offer excellent welding performance also in MMA with stick electrodes. Professional, compact and extremely robust, these generators are suitable for quality welding of all materials even in demanding working environments.

The control panel is complete and very simple to use.

A large LCD display with scrolling functions, together with the graphic indication system, allow to visualize and optimize all the typical and essential adjustments to obtain professional welds.

The panel is also provided with a series of leds related to the machine's diagnostics.

Equipped as standard with digital V/A instruments and prepared for foot control, the NOVATIG power sources can be matched with the latest series TOTEM trolleys, with the practical and exclusive tools compartment for the air cooled version, or with cooling unit for the suggested water cooled version.

The solution is optimized by the lowered gas bottle loading shelf with double safety chain, TIG rods compartment and large diameter wheels

(front: pivoting with brake, Ø 125 mm; rear: fixed Ø 250 mm) to provide an easier handling.

Applications

Metal Industry in general
Construction
Reparation and maintenance
Civil shipbuilding
Shipyards
Energy plants
Transports



Accessories

Welding cable 70 mmq. mt 4,0	3.610.200
Torch SINCOTIG 18 Mt.4 - Air	8.620.400
Torch SINCOTIG 18 Mt.8 - Air	8.620.800
Torch SINCOTIG 26 Mt.4 - Air	8.640.400
Torch SINCOTIG 26 Mt.8 - Air	8.640.800
Pression att. réducteur. ARGON	5.790.914
SINCOTIG 18 torch,Up - Down Air - Mt.4.0	2.600.102
SINCOTIG 18 torch,Up - Down Air - Mt.8.0	2.600.103
SINCOTIG 26 torch,Up - Down Air - Mt.4.0	2.600.100
SINCOTIG 26 torch,Up - Down Air - Mt.8.0	2.600.101
5 - pole Amphenol connector	1.070.001

OPTIONAL

Foot control, mt 8,0	X.050.026
Welding helmet MAX Advanced	1.700.319
Pressure gauge with flux-meter	5.785.115

Technical data

300 AC/DC 370 AC/DC

3phases feeding	400 V	400 V
Fuse	25 A	32 A
Max power rating	25 A	32 A
Noise level	< 70 dB	< 70 dB
Power at maximum current	17.3 KVA	21.8 KVA
Duty Cycle 100%	250 A	300 A
Duty Cycle 60%	270 A	350 A
Duty Cycle 40%	300 A	370 A
Open circuit voltage	95 V	95 V
Power	0.96	0.96
Welding current range	5 – 300 A	5 – 370 A
Conform to standards	EN 60974-1 - 5 - 10	EN 60974-1 - 5 - 10
Application Class	S	S
Usable stick electrodes	1 - 4 mm	1 - 4 mm
Dimensions, mm (L x W x H)	670 x 270 x 415	670 x 270 x 415
Weight, kg	49	50
Insulation Class	H	H
Protection Class	IP 23	IP 23
Cooling System	F	F
Operating temperatures	- 10 + 40 °C	- 10 + 40 °C

Items number

NOVATIG 300 AC/DC
NOVATIG 370 AC/DC
TROLLEY TOTEM Air Cooling
TROLLEY TOTEM H2O Cooling

W.008.036
W.008.037
K.003.022
K.003.021



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