

NOVATIG

300 AC/DC - 370 AC/DC

Complete solutions for TIG AC/DC welding



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-sinus 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.

- 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, mixed wave TIG AC
- AC balance
- Pulsed TIG AC
- LiftArc or HF ignition
- Adjustable Pre-gas and Post-gas flow
- Adjustable Hot Start
- Adjustable Slope Up and Slope Down
- TIG DC spot welding
- TIG AC spot welding
- Gas test
- Cooling system test
- Ready for automation

Applications

Carpentry
Constructions
Repair and maintenance
Civil yards
Ship yards
Energy generation
Transports



Sincosald

Accessories

Welding cable 70 mmq. mt 4,0	3.610.200
SINCOTIG 26 torch, air, mt 4,0	TF.SK1401-52
SINCOTIG 26 torch, air, mt 8,0	TF.SK1801-52
SINCOTIG 26 torch, Up/Down, air, mt 4,0	2.600.100
SINCOTIG 26 torch, Up/Down, air, mt 8,0	2.600.101
SINCOTIG 18 torch, water, mt 4,0	TF.SR1426-52
SINCOTIG 18 torch, water, mt 8,0	TF.SR1826-52
SINCOTIG 18 torch, Up/Down, water, mt 4,0	2.600.102
SINCOTIG 18 torch, Up/Down, water, mt 8,0	2.600.103
Torch adapter water 50 mmq	TF.CX80
Torch adapter air 50 mmq	TF.CX77
5-pole Amphenol connector	1.070.001

Optional

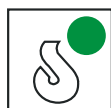
Foot control, mt 8,0	X.050.026
Welding helmet MAX Advanced	1.700.319
Pressure gauge with flux-meter	5.785.115

Technical data

	NOVATIG 300 AC/DC	NOVATIG 370 AC/DC
Mains supply, three-phase	400V - 50/60 Hz	400V - 50/60 Hz
Fuse, slow	25A	32A
Max power rating	25A	32A
Noise level	< 70 dB	< 70 dB
Power at maximum current	17,3 KVA	21,8 KVA
Output, 100% duty cycle	250 A	300 A
Output, 60% duty cycle	270 A	350 A
Output, 40% duty cycle	300 A	370 A
Open circuit voltage	95V	95V
Power factor	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	1.0 - 4.0 mm	1.0 - 6.0 mm
Dimensions, mm(LxWxH)	670 x 270 x 415	670 x 270 x 415
Weight, kg	49	50
Insulation class	H	H
Protection class	IP23	IP23
Cooling type	F	F
Operating temperatures	from -10 to +40°C	from -10 to +40°C

Ordering codes

Novatig 300 AC/DC	W.008.036
Novatig 370 AC/DC	W.008.037
Totem trolley, air cooling	K.003.022
Totem trolley, water cooling	K.003.021



Sincosald

Sincosald srl - Via della Fisica, 26/28 20041 - Agrate Brianza (MB)

Tel. +39 039 641171 - Fax +39 039 6057122

E-mail: export@sincosald.it - www.sincosald.it