



NOVASTAR

300 C - 400 E - 500 E

Quality, functionality and simpleness on your hand



- INVERTER technology
- Energy saving
- Digital control of the welding arc
- Welding Repetability
- Perfect arc ignition
- Easy to use
- Easy handling
- Digital V/A instruments as standard
- Continuous inductance adjustment
- Special MIG/MAG – TIG functions
- Spot welding
- 99 memory position
- Gas purge
- Wire inching

Applications

Carpentry
Yards
Constructions
Petro-chemical industry
Rail industry
Military industry
Food industry
Automotive industry
Earth moving industry
Sheet-metal works

The **NOVASTAR**-series is a multi-function power sources who represent the most advanced border in terms of technology and quality on welding.

Inverter technology developed with the latest IGBTgeneration and digital control of the welding arc to guarantee exceptional performances and repeatability on MIG/MAG, MMA coated electrode and TIG welding processes.

Thanks to the harmonious design and to the rational matching of welding machine with trolley, Novastar power sources will surprise you with a series of technological and functional solutions that will make your welding station efficient, unique, and well organize.

Strong and easy to use, these power sources represent the ideal solution for the operators oriented to the traditional adjustment of welding parameters, without rejecting the great advantages due to the technological progress.

Available in air-cooled compact version 300 Amp with a unique useful tools compartment, and 400 or 500 Amp water-cooled versions with separate wire feeder, the power sources are supplied as standard with digital V/A instruments, large diameter 4-rolls-traction wire feeder mechanism, 100W motor, and remote control connection.

NOVASTAR series is supplied together with the latest generation handling trolleys TOTEM series, with lowered gas bottle loading shelf and 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.



Accessories

Torch cable 70 mmq 4 Mt.	3.610.200
MIG/MAG torch AS.26 Mt.3 - Air	2.500.003
MIG/MAG torch AS.26 Mt.4 - Air	2.500.004
MIG/MAG torch AS.30 Mt.3 - Air	2.505.003
MIG/MAG torch AS.30 Mt.4 - Air	2.505.004
MIG/MAG torch WS.35 Mt.3 - Water	2.550.003
MIG/MAG torch WS.35 Mt.4 - Water	2.550.004
MIG/MAG torch WS.40 Mt.3 - Water	2.555.003
MIG/MAG torch WS.40 Mt.4 - Water	2.555.004
MIG/MAG torch WS.50 Mt.3 - Water	2.560.003
MIG/MAG torch WS.50 Mt.4 - Water	2.560.004
SINCOTIG torch 17V Mt.4 - (tap) TF.SF44I 1-52	
SINCOTIG torch 17V Mt.8 - (tap) TF.SF48I 1-52	
SINCOTIG torch 26V Mt.4 - (tap) TF.SK44 11-52	
SINCOTIG torch 26V Mt.8 - (tap) TF.SK48 11-52	
Torch adapter 50mmq (air) TF.CX77	
VALVOPLAN Argon gas pressure reducer	5.785.105
VALVOPLAN CO ₂ gas pressure reducer	5.785.106

Optional

Remote control RC 5 Mt.15	X.050.036
Remote control RC 5 Mt. 30	X.050.037
Remote control RC 5 Mt.50	X.050.038
Wheels Kit Starfeed 37-4	3.007.012

Technical Data

300 C
400 E
500 E

Power supply, three-phase	400V - 50/60 Hz	400V - 50/60 Hz	400V - 50/60 Hz
Fuse, slow	16 A	20 A	32 A
Current input max	18 A	23,5 A	35 A
Noise level	< 70 dB	< 70 dB	< 70 dB
Power at maximum current	12,6 KVA	16,4 KVA	24,4 KVA
Performance 100% duty cycle	240 A	310 A	350 A
Performance 60% duty cycle	270 A	370 A	400 A
Performance 50% duty cycle	-	400 A	500 A
Performance 40% duty cycle	320 A	-	-
Open circuit voltage	63V	63V	70V
Power factor	0,99	0,99	0,99
Welding current/voltage range	10-320 A	10-400 A	10-500 A
Conform to standards	EN 60974 -1 - 5 - 10	EN 60974 -1 - 5 - 10	EN 60974 -1 - 5 - 10
Application class	S	S	S

Wire diameter

Steel	0.6 - 1.2 mm	0.6 - 1.6 mm	0.6 - 1.6 mm
Stainless steel	0.6 - 1.2 mm	0.6 - 1.6 mm	0.6 - 1.6 mm
Aluminium	1.0 - 1.2 mm	1.0 - 1.6 mm	1.0 - 2.0 mm
Weldable electrodes diameters	1.0 - 4.0 mm	1.0 - 6.0 mm	1.0 - 8.0 mm
Wire feed speed	0.6 - 25 Mt/min	0.6 - 25 Mt/min	0.6 - 25 Mt/min
Wire spool capacity	15 Kg	15 Kg	15 Kg
Dimensions, mm (L x W x H)	670 x 270 x 630	670 x 270 x 415	670 x 270 x 415
Weight version C, kg	50	-	-
Weight version E, kg	-	43	47
Insulation class	H	H	H
Protection class	IP23	IP23	IP23
Cooling type	F	F	F
Operating temperature	-10 a +40°C	-10 a +40°C	-10 a +40°C

Ordering codes

Novastar 300 C	M.001.139
Novastar 400 E	M.001.140
Novastar 500 E	M.001.141
Trolley totem (air)	K.003.022
Trolley totem with GR Totem	K.003.021
Starfeed 37-4	A.002.124
Extension cable 70 mmq Mt.2	3.017.155
Extension cable 70 mmq Mt.5	3.017.156
Extension cable 70 mmq Mt.10	3.017.157
Extension cable 70 mmq Mt.15	3.017.158



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