



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**

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 IGBT generation and digital control of the welding arc to guarantee exceptional performances and repeat ability 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.

Applications

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



Accessories		Technical data			
		300 C	400 E	500 E	
Torch cable 70 mm ² 4 Mt	3.610.200	Alimentation, 3phase	400 V	400 V	400 V
MIG / MAG torch AS.26 Mt.3 - Air	2.500.003	Fuse	16 A	20 A	32 A
MIG / MAG torch AS.26 Mt.4 - Air	2.500.004	Power max	12.6 KVA	16.4 KVA	24.4 KVA
MIG / MAG torch AS.30 Mt.3 - Air	2.505.003	Noises	< 70 dB	< 70 dB	< 70 dB
MIG / MAG torch AS.30 Mt.4 - Air	2.505.004	Max current	18 A	23.5 A	35 A
MIG / MAG torch WS.35 Mt.3 - Eau	2.550.003	Duty cycle 100%	240 A	310 A	280 A
MIG / MAG torch WS.35 Mt.4 - Eau	2.550.004	Duty cycle 60%	270 A	370 A	460 A
MIG / MAG torch WS.40 Mt.3 - Eau	2.555.003	Duty cycle 50%	-	400 A	500 A
		Duty cycle 40%	320 A	-	-
OPTIONNEL		Open circuit voltage	63 V	63 V	70 V
		Power factor	0.99	0.99	0.99
MIG / MAG torch WS.40 Mt.4 - Eau	2.555.004	Welding current range	10 – 320 A	10 – 400 A	10 – 500 A
MIG / MAG torch WS.50 Mt.3 - Eau	2.560.003	Conform to standards	EN 60974-1 - 5 – 10	EN 60974-1 - 5 – 10	EN 60974-1 - 5 – 10
MIG / MAG torch WS.50 Mt.4 - Eau	2.560.004	Application Class	S	S	S
SINCOTIG Mt.4 torch 17V - (tap)	8.610.410	Insulation Class	F	F	F
SINCOTIG Mt.8 torch 17V - (tap)	8.610.810	Protection Class	IP23	IP23	IP23
SINCOTIG Mt.4 torch 26V - (tap)	8.640.410	Cooling	AF	AF	AF
SINCOTIG Mt.8 torch 26V - (tap)	8.640.810	Operating temperature	- 10 + 40 ° C	- 10 + 40 ° C	- 10 + 40 ° C
Starfeed whells KIT 37-4	3.007.012	Wire diameters			
Remote Control RC 5 Mt. 15	X.050.036	Steel	0.6 – 1.2 mm	0.6 – 1.2 mm	0.6 – 1.2 mm
Remote Control RC 5 Mt. 30	X.050.037	Stainless steel	0.6 – 1.2 mm	0.6 – 1.2 mm	0.6 – 1.2 mm
Remote Control RC 5 Mt. 50	X.050.038	Aluminium	1.0 – 1.2 mm	1.0 – 1.2 mm	1.0 – 1.2 mm
Argon gaz réducteur avec 2 manomètres	5.790.913	Weldable electrodes diameters	1.0 – 4.0 mm	1.0 – 4.0 mm	1.0 – 4.0 mm
Argon gaz réducteur avec débitmètre	5.790.914	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 l x H)	670 x 270 x 630	670 x 270 x 415	670 x 270 x 415
		Weight , kg	50	43	47

Item number

M.001.139	Generator NOVASTAR 300 C
M.001.140	Generator NOVASTAR 400 E
M.001.141	Generator NOVASTAR 500 E
K.003.022	TrolleyTotem Air
K.003.021	Trolley Totem water
A.002.124	Starfeed 37-4
3.017.155	Extension cable 70 mmq Mt.2
3.017.156	Extension cable 70 mmq Mt.5
3.017.157	Extension cable 70 mmq Mt.10
3.017.158	Extension cable 70 mmq Mt.15



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