



NOVASPEED 3500 C - 3500 E

Innovation and productivity on MIG/MAG welding



- INVERTER technology
- Easy to use
- Standard synergic MIG/MAG
- Evo AT
- Improved productivity
- Minimized deformations
- Improved penetration
- Continuous inductance adjustment
- Digital V/A instrument as standard
- Cooling system as standard

Applications

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

The **NOVASPEED** series represent the ideal solution to improve welding productivity and quality in all workshops. Easy to use, reliability and innovation (Evo AT) have been fully integrated with the well proven inverter technology, with the purpose of always guarantee maximum level performances. The CAN-BUS digital communication contributes to improve reliability and fast response of the whole system. Specific software it's also available for direct connection with a power source, in order to introduce updates and customized synergic lines. NOVASPEED power sources are available in both the compact and separate wire feeder versions, and allow to operate with the following processes: Coated electrode (MMA), Arc-air gouging, TIG lift Arc (optional kit), MIG/MAG standard synergic and Evo AT. Both versions are supplied with a high efficiency cooling unit, equipped with separate ventilation system and improved tank capacity.

Evo AT

Evolution Arc Technology

Consists in an exceptional innovation, able to improve both welding speed and penetration, by acting on the whole regulations range (ShortArc – SprayArc), also reducing deformation problems. Arc concentration and control reduce the creation of welding spatter and help in the execution of welds requiring high values of wire stick-out.

Accessories

Earth cable 50 mmq 4 Mt	3.610.115
MIG/MAG torch WS.35 Mt.3 - H2O	2.550.003
MIG/MAG torch WS.35 Mt.4 - H2O	2.550.004
MIG/MAG torch WS.50 Mt.3 - H2O	2.560.003
MIG/MAG torch WS.50 Mt.4 - H2O	2.560.004
MIG/MAG torch WS.50 Mt.5 - H2O	2.560.005
POWER MASTER torch 5300 Mt.3	2.600.001
POWER MASTER torch 5300 Mt.4	2.600.002
POWER MASTER torch 5300 Mt.5	2.600.003
POWER MASTER torch 5800 Mt.3	2.600.004
POWER MASTER torch 5800 Mt.4	2.600.005
POWER MASTER torch 5800 Mt.5	2.600.006
WS.53 POWER MASTER torch Mt.3	2.600.011
WS.53 POWER MASTER torch Mt.4	2.600.012
WS.53 POWER MASTER torch Mt.5	2.600.013
Valvoplan ARGON gas pressure reducer	5.785.105
Valvoplan CO2 gas pressure reducer	5.785.106
Optional	
Interactive controller HR 911 Mt.5	X.050.023
Remote control UP/DOWN Mt.5	X.050.024
Remote control connector	1.990.150
PUSH-PULL torch connector	1.100.017
TIG Lift-Arc welding kit	X.007.006

Technical Data**NOVASPEED 3500C - E**

Power supply, three-phase	400V - 50/60 Hz
Fuse, slow	16 A
Current input max	24,3A
Noise level	< 70 dB
Power at maximum current	16,8 KVA
Performance, 100% duty cycle	260A
Performance, 60% duty cycle	300A
Performance, 30% duty cycle	350A
Open circuit voltage	81V
Power factor	0,99
Welding current/voltage range	25-350 A/15.2 - 31.5 V
Conform to standards	EN 60974 - 1 - 5 - 10
Application class	S
Wire diameters	
Steel	0.6 - 1.2 mm
Stainless steel	0.6 - 1.2 mm
Aluminium	1.0 - 1.2 mm
Weldable electrodes diameters	1.0 - 6.0 mm
Wire feed speed	0.1 - 25 Mt/min
Wire spool capacity	15 Kg
Dimensions, mm (LxWxH)	1015 x 430 x 960
Weight version C, kg	110
Weight version E, kg	100
Insulation class	F
Protection class	IP23 S
Cooling type	F
Operating temperature	-10 a +40°C

Ordering codes

Novaspeed 3500 C	M.001.135
Novaspeed 3500 C for AUTOMATION	M.001.135/AUT
Novaspeed 3500 E	M.001.136
Cooling unit	K.004.009
Wire feeder 4R NS	A.002.122
xtension cable 50 mmq Mt.5	3.017.100
Extension cable 50 mmq Mt.10	3.017.103

