



NOVAMIG 353C DP MV



Main features

- New PWM technology and technology IGBT inverter.
- Manual MIG / MAG / SYN / Pulsed synergistic / Double synergic pulsed
- Synergistic programs for aluminium, steel mild, stainless steel and CuSi
- JOB mode
- 2T / 4T / S4T / welding mode Spot Welding
- Adjustment of function parameters
- MMA function (coated electrode)
- VRD (device for reducing the voltage)
- Hot start (improves arc striking of the electrode)
- Adjustable Arc Force
- TIG DC
- Lift Arc ignition (guarantees integrity of tungsten during ignition of the arch)
- 2T / 4T trigger control
- Adjustable down slope
- Air cooling mode / H2O
- MIG torch connection with Euro connection
- Degree of protection IP23
- Tolerance on the supply voltage
- Spool gun torch connection
- Polarity inversion

Pulsed - MIG Inverter

The **NOVAMIG INVERTER** generator **353C DP MV** is a latest generation machine equipped with continuous inductance adjustment e presenting very specific characteristics both in welding and in the arc. Another novelty that differentiates this generator from previous models is the intuitive adjustment of the synergic waves directly from the front panel.

Welding curves are stored in the software synergistic, pulsed, double pulsed. It is complete with **BURN - BACK** which allows us to act on cutting the thread at the right length to facilitate the new arc ignition, and **SOFT - START** which allows us to act on the regulation of the engine starting speed improving consequently, the arc striking.

Another really interesting in addition, it is prepared for welding in TIG **DC LIFT** Arc. The power sources are integrated by a Trolley cylinder holder with cooling GR3.

- INVERTER TECHNOLOGY
- ENERGY SAVING
- INDUCTANCE ADJUSTMENT ELECTRONICS AND CONTINUOUS
- 2/4 STROKE SELECTION
- DIGITAL DISPLAY AMPERE - VOLT
- ADVANCE BUTTON WIRE - GAS TEST
- PRE AND POST GAS REGULATION
- BURN BACK ADJUSTMENT
- SOFT START ADJUSTMENT
- STORED SYNERGIC PROGRAMS
- DOUBLE PULSED
- TIG DC LIFT ARC
- DOUBLE TENSION 230/400 V
- STORED JOB
- COUPLING WITH MOTORGENERATOR

- Metallurgical industry • Shipbuilding
- Buildings • Petrochemical industry
- Railway industry • Military industry
- Food industry • Automotive industry
- Earthmoving • Sheet metal processing



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Technical data

Description	NOVAMIG 353C DP MV	
Power supply, three phases	400 V - 50/60 Hz	230 V - 50/60 H
Fuse	32 A	32 A
MAX current	24.9 A	32.6 A
Noise emissions	< 70 dB	< 70 dB
MAX power	17 KW	12 KW
Duty cycle 100%	221 A	190 A
Duty cycle 60%	286 A	245 A
Duty cycle 40%	350 A	300 A
Open circuit voltage	14.5 V	14.5 V
Output range	10 - 350 A	10 - 300 A
Compliant with standards	EN 60974 - 1 - 5 - 10	EN 60974 - 1 - 5 - 10
Insulation class	H	H
Protection class	IP23	IP23
Cooling system	AF	AF
Operating temperature	- 10 + 40 °C	- 10 + 40 °C
Weight, kg	Kg 30.5	Kg 30.5
Dimensions, mm (L x W x H)	660 x 240 x 480	660 x 240 x 480

Wire diameters

Iron	0.6 - 1.2 mm
STAINLESS steel	0.8 - 1.2 mm
Cored wire	0.9 - 1.2 mm
Aluminium	1.0 - 1.2 mm
Wire FEEDER speed	2 - 20 mt./min
Wire spool capacity	16 Kg



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