



NOVAMIG 503 DP

NOVAMIX 541 AC/DC DP



NOVAMIG
503 DP

NOVAMIX
541 AC/DC DP

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 (Save and recall 100 different work JOBS)
- 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)
- TIG DC and AC / DC HF (NOVAMIX 541 AC / DC DP)
- 2T / 4T trigger control
- Adjustable down slope
- Air cooling mode / H2O
- Wire feeder, with 4 rollers drive can be equipped with coil up to Ø300 mm
- MIG torch connection with Euro connection
- Degree of protection IP23
- Tolerance on the supply voltage
- Spool gun torch connection
- Predisposition for remote control

MIG inverter dual pulse

The **NOVAMIG INVERTER** generator **503 DP** 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 machine is the **NOVAMIX 541 AC/DC DP** as well as having all the features of the **503 DP**, in addition, it is prepared for welding in **TIG DC** and **AC/DC** with high frequency. The power sources are integrated by a Trolley cylinder holder with cooling GR3 ed equipped with a wire feeder 4 rollers - **FEEDER WP3** - 4R and an extension standard from 5 or 10 Mt.

- 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 - AC / DC HF (NOVAMIX 541 AC / DC DP)
- COUPLING WITH MOTORGENERATOR

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



NOVAMIG 503 DP

NOVAMIX 541 AC/DC DP

Technical data

Description	NOVAMIG 503 DP	NOVAMIX 541 AC/DC DP
Power supply, three phases	400 V - 50/60 Hz	400 V - 50/60 Hz
Fuse	50 A	50 A
MAX current	46 A	46 A
Noise emissions	< 70 dB	< 70 dB
MAX power	23.8 KW (MIG)	23.8 KW (MIG)
Duty cycle 100%	400 A	400 A
Duty cycle 60%	500 A	500 A
Open circuit voltage	70 V	14.5 V
Output range	10 - 500 A	20 - 500 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	33.3	32,5
Dimensions, mm (L x W x H)	655 x 250 x 485	640 x 280 x 500

Wire diameters

Iron	0.6 - 1.6 mm	0.8 - 1.6 mm
STAINLESS steel	0.8 - 1.6 mm	0.8 - 1.6 mm
Cored wire	0.9 - 1.6 mm	0.9 - 1.6 mm
Aluminium	1.0 - 1.6 mm	1.0 - 1.6 mm
Wire FEEDER speed	2 - 20 mt./min	2 - 20 mt./min
Wire spool capacity	16 Kg	16 Kg



Sincosald srl
via della Fisica, 26/28
20864 Agrate Brianza (MB), Italy
tel. +39 039 64117.1
fax +39 039 6057122

sincosald.it