NOVASTAR SPEED
300 E - 400 E - 500 E
The solution for all welding problems

The Multi-Process Powers Sources NOVASTAR SPEED range represent the latest frontier in terms of technology and welding quality.

The last generation IGBT technology with the welding digital control provide exceptional performance and welding repeatability with all welding processes MIG/MAG - TIG - MMA.

Strong and esthetically harmonious the NOVASTAR SPEED range will surprise you for all technological solutions that will make your workplace efficient, orderly and pleasant at the same time.

With a large capacity microprocessor NOVASTAR SPEED is able to provide to the user a high numbers of pulsed programs from BRAZING programs and programs for Flux cored wires and Special Steel wires.

Available with separate wire feeder in 3 versions, 300 - 400 - 500 Amperes, they are supplied with a large LCD display with scrolling functions, digital instruments V / A, wire feed unit 4 rolls with capacity to drive large diameters and prepared for remote control.

It is possible complete the Power Source with the Torch PUSH - PULL and ROBOT Interface.

The Power Sources NOVASTAR SPEED are equipped with our new trolley TOTEM, with a storage compartment for the air-cooled version, or with cooling group for the version water cooled, with the new loading system for gas bottle with a double chain protection, torch support, a TIG rods holder and wheels with great diameter (front swivel with brake ø 125 mm and rear Fix ø 250 mm) for easier handling.

EVO SPEED included
* Growth in 25% of the welding speed.
* Lack of spatters and perfect arc control.
* Smooth welding and always without incisions.

EVO FORCE included
* Great weld penetration obtained by a very intense arc.
* This procedure allows the costs reduction for the parts preparation.
* The welding geometry is regular without spatters.
* Minimum joint deformations.

EVO COLD Optional
* Digital control of the material transfer to the piece.
* Cold welding suitable for the first pass and joints with space.

EVO PIPE Optional
* Perfect for the pipes welding applications, this process summarizes the characteristics of EVO SPEED and EVO COLD.
* Perfect control of the drop and arc also in difficult and uncomfortable positions.

• INVERTER technology
• Energy saving
• Digital control of the welding arc
• Welding Repetability
• Perfect arc ignition
• Friendly use
• Easy handling
• Digital V/A instruments as standard
• Continuous inductance adjustment
• Special MIG/MAG – TIG functions
• Spot welding
• 99 memory position
• Gas Test
• Wire Feeder button
• Synergic MIG/MAG

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**Applications**

<table>
<thead>
<tr>
<th>Metal Industry in general</th>
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<tr>
<td>Yards</td>
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<td>Constructions</td>
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<td>Petro-chemical industry</td>
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<td>Rail industry</td>
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<td>Earth moving industry</td>
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<td>Sheet-metal works</td>
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## Technical data

<table>
<thead>
<tr>
<th>Item number</th>
<th>Description</th>
<th>300E SPEED</th>
<th>400E SPEED</th>
<th>500E SPEED</th>
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- 3.017.175
- 3.017.176
- 3.017.177

**Accessories**

- Torch cable 70 mm² 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

**Optional**

- Open circuit voltage: 63 V
  - 300E SPEED: 63 V
  - 400E SPEED: 63 V
  - 500E SPEED: 70 V
- Power factor: 0.99
  - 300E SPEED: 0.99
  - 400E SPEED: 0.99
  - 500E SPEED: 0.99

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