



NEOPULSE 400 & 500

The technological answer
to industrial welding

Coming soon

The new, three-phase, liquid-cooled **NEOPULSE 400 CW**, with built-in trolley is coming soon. The wire drive system has been integrated internally, along with all the advanced features of the NEOPULSE range that have been directly incorporated into this latest power source.



COMPACT - Saves a lot of space, ideal for workshops.



POWERFUL - 400A at 60% for optimum productivity and weld quality.



Check out the advanced features of the three-phase, pulsed NEOPULSE 400A and 500A MIG/MAG range

The result of several years of development, NEOPULSE power sources form the basis of a welding system that can be adapted to meet varying industrial requirements, making it a true technological solution for even the most challenging applications. These MIG/MAG power sources, pulsed up to 500A, offer all the key features to guarantee both high productivity and quality welding.

▼ Multi-Process Welding Machines

- **Standard and pulsed MIG/MAG:** using manual or computer assisted settings
- MMA DC / Pulsed
- TIG DC Lift / Pulsed
- Arc gouging (Arc-Air)



MIG/MAG WELDING METHODS

Manual	Standard Dynamic	Standard Impact	Pulsed	Modularc
Suitable for all wires	All-purpose, high-speed	Concentrated arc, deep penetration	Easy-to-use in any position, minimises splatter	(Double pulse or Pulse in Pulse) TIG look with MIG productivity

▼ THE BENEFITS

↗ 500A

Industrial welding capabilities

Traceability

Save and export your weld data to a USB, weld by weld

Portability

Copy your saved settings and JOBS, using a USB, to use on a wide range of different power sources

Digital technology

Accurately and quickly regulates the output current to generate precise arc dynamics and high-quality welds

▼ APPLICATIONS



Shipbuilding



Railways



Sheet metalwork



Structural steelwork



Aeronautics



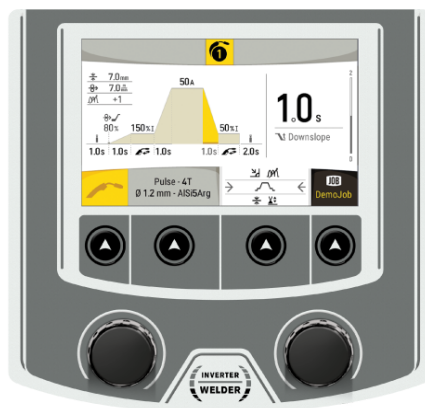
A SIMPLIFIED INTERFACE SAVES TIME AND ASSURES PRODUCTIVITY

Intuitive, solid, five-colour interface focussed on the welder's browsing habits.

Three levels of user guidance :

- **Easy** : simplified functions
- **Expert** : Possible adjustments on the complete welding cycle
- **Advanced** : Possible adjustments on the complete welding cycle and on the varying arc lengths

User name/Traceability ►
Access to the General Menu (User settings, Systems, Locking, Traceability, etc.) ►
Settings in current operation ►



◀ Voltage, current and energy
◀ Job memory and storage
◀ Welding cycle settings



FOCUS: PRE-INSTALLED SETTINGS: GYS EXPERTISE AT THE WELDERS' FINGER TIPS

✓ 160 SYNERGIES



After selecting only three variables: material, gas and wire diameter, then your choice of thickness, wire feed speed or tension, NEOPULSE automatically determines the optimal welding settings.

160 pre-installed user settings have been designed by our GYS engineers to meet the needs of professional welders. Updates are **freely available** via USB.

Check out these pre-installed user settings in our [brochure](#).



FOCUS: MOBILITY: PRODUCTIVITY AND ERGONOMICS



Invaluable when the power source cannot be placed directly next to the welder. Remote controls improve work effectively to allow the operator to have full controls at their disposal.



Remote HMI identical to the power source
(2.8, 6 or 11m of cable)



Remote control of main settings: wire speed and tension
(10m of cable)



FOCUS: AUTOMATION & ROBOTICS



The NEOPULSE 400 and 500 welding power sources are compatible with numerous PLC robots, and wider automation, thanks to a Smart Automation Module 1N (SAM).

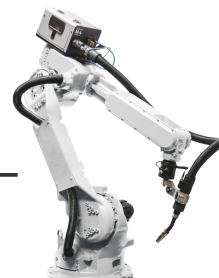
Fully compatible with the main communication protocols, the SAM is a fully-integrated interface between the power source and the robot.



**NEOPULSE
400 / 500**



SAM-1N



ROBOT



Let's stay connected!

E-mail, Videoconference, Extranet et telephone: don't hesitate, contact our multilingual team!



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