

# Smart welding options

**THE NEW NEOPULSE** product family is the latest new welding range addition from GYS. The modular, multi-process Neopulse has MIG/MAG, TIG and MMA modes and incorporates a single-phase 220A machine to the three-phase 500A machine.

"Neopulse consistently achieves high-quality welds and ensures repeatability using the latest FPGA technology (high-speed communication). This efficiency is reinforced by High Duty Cycles and its variant of User Modes such as PULSE and PULSE-IN-PULSE. With over 1.2 million lines of coded software, the Neopulse range is capable of offering the user an option for a wide spectrum of materials, wire diameters and gas combinations," explained GYS.



GYS Neopulse 500

Key features such as portability and traceability mean that the range can be used to record weld data in AMPS/VOLTS/WIRESPEED and energy usage in KiloJoules. This data can then be used to calculate heat input, wire and gas usage per weld seam, making any weld or joint traceable and accountable for WPS and WPQR.

"Any job stored on the Neopulse can be transferred to any other Neopulse around the globe, duplicating the machine's parameters – particularly useful when machines are being used on precision work or high-volume production, providing consistent settings wherever it may be in use," added the company.

The new Generation of Neopulse also has a CONNECTIVITY feature, allowing it to be integrated to robotic or automation devices using the SAM (Smart Automation Module) The SAM features six different types of language connections.

See [www.gys.fr](http://www.gys.fr) ■