

French manufacturer
since 1964

www.gys.fr



WIZARD MODE

Tack-welding synergies / Aluminium welding



The ALU WIZARD SOLUTION

Tack and spot welding aluminium has never been so easy!

The evolution of WIZARD

A major breakthrough for welders

The Alu WIZARD was born from an observation made by aluminium TIG-welding experts. The alumina on the surface of aluminium is electrically resistive and must be shattered during the welding process by reversing the polarity. This highly technical process requires the addition of filler metal as well as a perfect mastery of the welding technique to ensure a high-quality tack weld.

Based on this observation, GYS set out to simplify aluminium welding and make it accessible to everyone by developing an innovative solution.

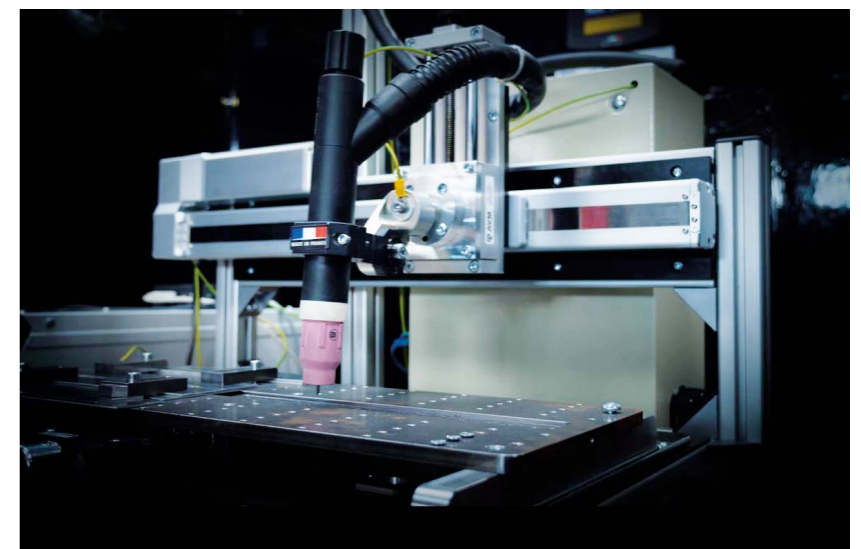


ALU WIZARD is a TIG-welding system designed specially for working with aluminium, with or without filler metal. This, the latest built-in feature of our TITANIUM range, means that a tack weld takes less than a second to complete. What's more, with the ALU WIZARD MULTI-TACK mode the operator can easily weld metal sheets from between 0.5 to 5 mm thick without needing to use filler metal at all. Our bespoke, pre-installed user settings (synergies) have been specially developed for four different tack- and spot-welding applications: the flat butt joint, lap joint, corner joint and horizontal fillet joint.



Productivity & ergonomics

Its ease of use offers considerable **productivity gains** (+30%) and is particularly interesting to manufacturers looking for more efficient production methods. The ALU WIZARD has revolutionised the future of aluminium TIG welding by making it **accessible to all users**, even novices. Fully **compatible with automatic welding**, the ALU WIZARD has earned its place in production workshops.



5 reasons

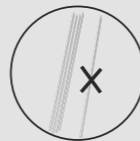
Why use ALU WIZARD?



Tack weld **in less than a second**



Accessible to all welders



With or **without filler metal**



Compatible with **automatic welding**



30% increase in productivity

Go further with **LAB WIZARD**

Fully customise the welding cycle

Aimed at experienced welders, LAB WIZARD mode offers full access to the power source's operating settings allowing the user to customise each step of the cycle. The «LAB» feature is a **programming mode** offering the user the option of modifying any the following: The current type (DC+, DC- or AC), PULSED mode, the waveform, UpSlope time and step-welding time.

The LAB WIZARD is available in the advanced settings section.



Learn more about the
TITANIUM 400 AC/DC

Data sheet

Brochure

*ALU WIZARD
video*

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