

NEW PRODUCTS

Your guide to the latest welding technologies on the market

GYS LAUNCH 400A SYNERGIC AC/DC TIG

Named Titanium it has an operating range of 3A to 400A and offers a very high duty cycle of 100% at 360A.

It is packed with advanced features, including synergic control which will set the weld cycle from inputs of only the tungsten diameter and filler material, E-Tig, which maintains a constant bead width and penetration despite variations of the torch position and AC Hybrid mode which can increase welding speed on Aluminium by up to 30%.

Additionally it is equipped with multi-wave form functions and a useful TACK mode which offers precision whilst negating the need to grind the tack out.

It offers 3 operating modes, easy, expert and advanced, all controllable from the large full colour LCD display panel.

The Titanium is the latest addition to the GYS 400A range which includes the Titan 400A TIG DC, the Exagon 400A CC/CV and Neopulse 400 Pulse MIG/MAG.

The GYS Titanium is designed and manufactured by GYS in France and supported in the UK by the wholly owned GYS subsidiary in Rugby, and a network of dealers nationwide.



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TITAN XQ 400 AC PULS: WELD SEAMS, AS PURE AS DIAMONDS

With the Titan XQ 400 AC puls, Germany's largest manufacturer of welding machines, EWM, is revolutionising MIG welding of aluminium. The new acArc puls XQ alternating current welding process makes both manual and automated welding a joy, even when it comes to extremely thin sheets. The weld seam is as pure as a diamond.

Alongside the new MIG-AC welding process "acArc puls XQ", all the established and optimised EWM DC welding processes, such as the forceArc puls XQ, rootArc XQ, or coldArc XQ, are, of course, included in the machine at no additional cost.

The water-cooled Titan XQ 400 AC puls is specialised for aluminium welding. Even the thinnest sheets can be easily and safely joined together – without the molten metal falling through and with reduced

distortion. In the new welding process "acArc puls XQ" the welding current alternates during the process sequence between positive and negative polarity. This makes the arc easy to control, even when it comes to AlMg alloys. It can bridge large air gaps excellently, even during automated application. The new process leaves behind barely any traces of smoke; the weld seam is clean and shiny thanks to the highly-reduced magnesium-oxide. In addition, welding fume emissions are reduced.

The "Positionweld" process guarantees optimum welding during positional welding. In combination with the acArc puls XQ welding process, MIG welding seams are achieved in a TIG look.

Even soft aluminium wire is accurately fed by the Drive XQ wire feeder. Thanks to

the many options, such as the wire spool heater, the electronic gas flow control, the wire reserve sensor or the many suitable accessories, users can configure a welding machine that optimally matches their requirements and welding tasks.

The acArc puls XQ welding process is equally well suited for manual and for automated welding. It also excels in the additive manufacturing of aluminium parts (3D welding) due to its low heat input.

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