



**Dual Torch GTAW
Hermetic Seal Welding Cell**



Plasma | Tig | Laser | Mig | Sub-Arc



Engineering Challenge

CHALLENGE ▼

The customer asked Weldlogic to come up with a Hermetic Low Heat Input Seal Weld process in the most restricted area possible.

The Circumferential weld had a very restricted access to the weld joint and required special gas cups and gas adder to provide the required gas coverage.

This high value component, with very heat sensitive electronics in proximity of the seal weld increased the difficulty significantly.

SOLUTION ▼

Weldlogic Engineering was challenged and developed a very customized welding station to enable this good customer to produce the high value component reliably and quickly.

A special vertical weld cell with dual torches was developed along with very specialized tooling to compress and align the assembly for welding.

The Weldlogic AWS-210 with Arc Distance Control was provided to manage all the special sequencing required and special software to offer a production ready weld cell.

WELDLOGIC USA

2651 Lavery Court
Newbury Park, CA 91320

Tel. 805.498.4004 | Fax. 805.498.1761

Contact us Today for your Welding Solutions!

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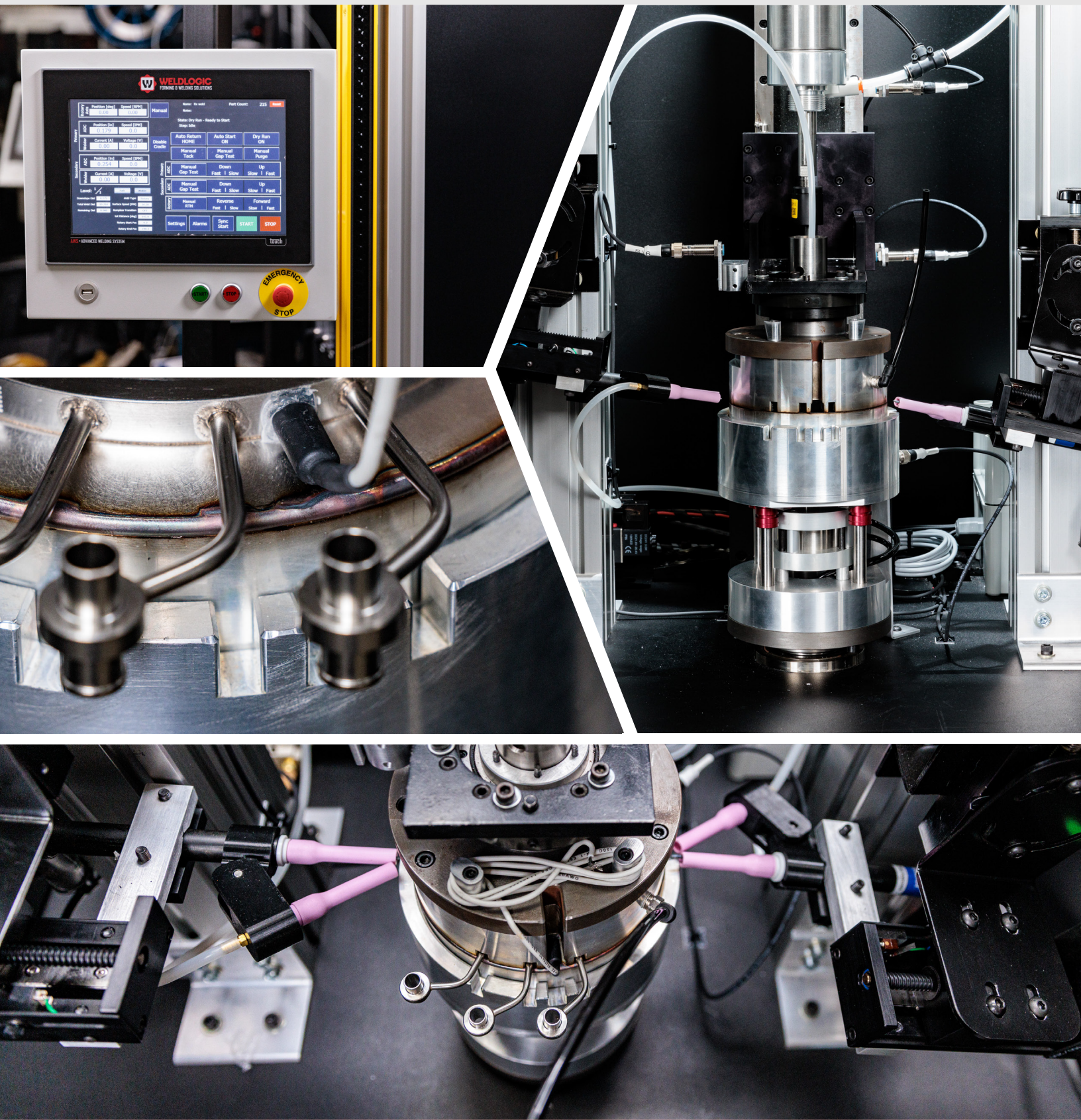
Blackstone Road, Huntingdon
Cambridgeshire, PE29 6EF, UK

Tel. 01480 437478 | Fax. 01480 437479



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