



WELDLOGIC
FORMING & WELDING SOLUTIONS

WELDING SOLUTIONS
FOR ADVANCED
MANUFACTURING

Plasma | Tig | Laser | Mig | Sub-Arc



AUTO DUAL TIG High-Production Weld Cell

SEE IT IN
ACTION



■ Engineering Challenge

CHALLENGE 1 ▼

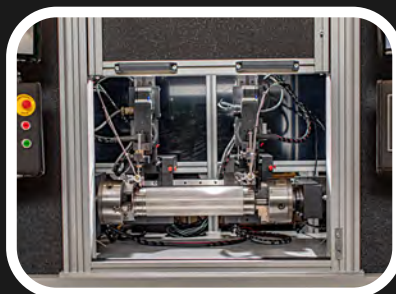
Increase production rate by 100% with 2 automatic TIG - cold wire feed welders.

CHALLENGE 2 ▼

Keep heat input down to avoid damaging sensitive motor seals.

SOLUTION ▼

Design a dual TIG system that uses standard AWS-200 power supply, arc voltage control with wire feed, and servo position based drive that maintains a better than 1% repeatability. Design a safety enclosure with live arc cameras and monitors to enable the operator to align and inspect the weld before, during, and after the weld.



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