

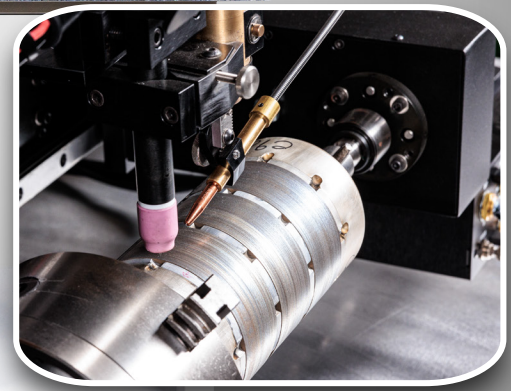


WELDLOGIC
FORMING & WELDING SOLUTIONS

WELDING SOLUTIONS
FOR ADVANCED
MANUFACTURING

2 Axis GTAW Motor Stator Welding Cell

Plasma | Tig | Laser | Mig | Sub-Arc



Engineering Challenge

CHALLENGE ▼

Today in the U.S. there is a crippling shortage of skilled welders in the precision manufacturing sector. Over 450,000 jobs opening in the welding field, go unfilled due to a lack of trained and skilled welders. Weldlogic Engineering has been tasked by a custom motor manufacture to develop a system to significantly reduce or eliminate the high welding skill levels & costs required to make these very precise low distortion welds in today's labor market.

SOLUTION ▼

Design and fabricate a user friendly 2 axis weld cell to enable a wide range of motor diameters and lengths to be seam welded reliably using a system that saves and retrieves all the program to enable low heat input / low distortion automatic welds.

The system consists of the following Weldlogic standard products:

- PWL-15-21 Precision Welding Lathe AC Servo driven in 2 axes
- AWS-210 Advanced Welding System, weld controller with memory
- Arc Distance Controller
- 12" HMI to program and operate system
- Cold Wire Feeder
- Workstation Table with flip up arc shield
- Weld Process developed with training
- Weld Support- life time of equipment

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