



WELDLOGIC
FORMING & WELDING SOLUTIONS

WELDING SOLUTIONS
FOR ADVANCED
MANUFACTURING

Plasma | Tig | Laser | Mfg | Sub-Arc

3 Axis C.N.C. - Laser Welding Lathe

SEE IT IN
ACTION



CHALLENGE ▼

Today in the U.S. there is a crippling shortage of skilled welder 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 pneumatic 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.

Engineering Challenge SOLUTION ▼

Design and fabricate a user friendly 3 axis weld cell to enable a wide range of diameters and lengths to be seal 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-15-60 Precision Welding Lathe AC Servo driven in 3 axis.

AWS-1000-Watt fiber laser and weld controller with memory.

Wobble Laser Head to widen or narrow the spot size.

12" HMI to program and operate system.

Workstation Table with Class #1 safety enclosure .

Exhaust / Filtration system to hepa filter.

Weld Process developed with training.

CONTACT WELDLOGIC TECH-SALES FOR A SOLUTION TO YOUR FORMING OR WELDING CHALLENGES

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