



WELDLOGIC
FORMING & WELDING SOLUTIONS

WELDING SOLUTIONS
FOR ADVANCED
MANUFACTURING

AWS VERTICAL CIRCUMFERENTIAL LASER WELD CELL

*Automated. Precise. Class 1 Laser Safe.
Circumferential Welding.*



▶ **CLICK HERE TO
SEE IT IN ACTION**



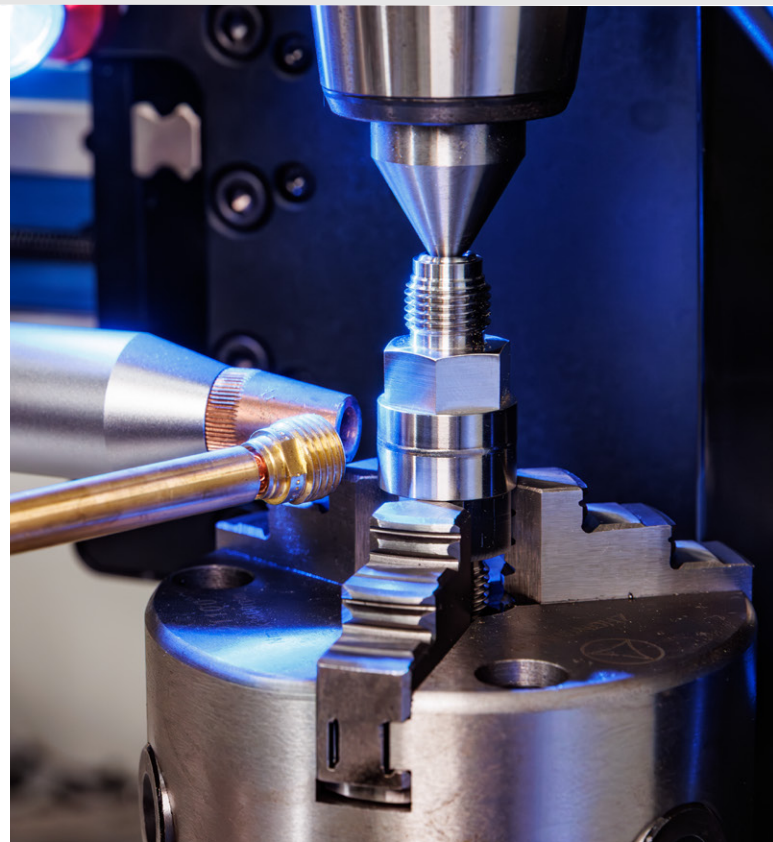
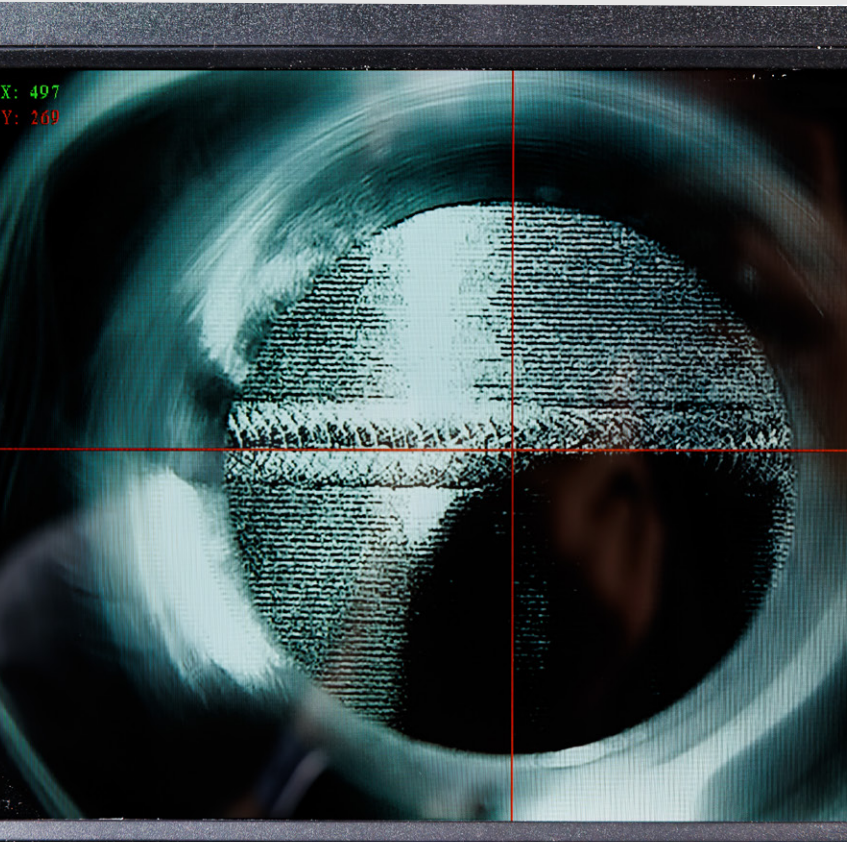
Plasma | TIG | Laser | MIG | Sub-Arc

More info on page 2 and 3 ▶

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Rotational Welding Precision. Redefined.

Fully Automated High-Precision Laser Welding ▼

The Weldlogic AWS Vertical Circumferential Laser Weld Cell is a fully automated, Class 1 Laser Safe work cell engineered for high-precision, high-throughput circumferential seam welding on cylindrical, tubular, and can-style components. Vertically oriented to maximize floor space efficiency, this system delivers repeatable, low-heat-input welds on the most demanding hermetic seal, tube-to-flange, and precision assembly applications.

Vertical Orientation. Maximum Efficiency. ▼

The vertical design minimizes floor space while enabling superior access to the weld zone — delivering consistent, low-heat-input circumferential seams ideal for the tightest tolerance applications.

Fully Integrated. Zero Compromise. ▼

Built around a precision vertical welding lathe, fiber laser, and CNC controlled programming — the AWS Vertical Laser Weld Cell integrates automated part handling with feeders, loaders, and ejectors for a true lights-out capable production platform. Advanced features including seam tracking and beam oscillation ensure consistent weld quality on every part, every cycle.

KEY FEATURES ▼

- Fully automated Class 1 Laser Safe work cell
- Precision vertical welding lathe with fiber laser
- CNC recipe-driven repeatable weld parameters stored by part number
- Automated feeders, loaders & ejectors
- Seam tracking & beam oscillation
- Low heat input — minimal distortion on precision components
- Compact vertical footprint — maximizes floor space

Get your laser welding assessment and samples made through the Weldlogic Laser-Lab.

**Hermetic Seals · Tube-to-Flange · Batteries · Diaphragms · Bellows · Sensors
Load Cells · Cylindrical & Can-Style Components**



