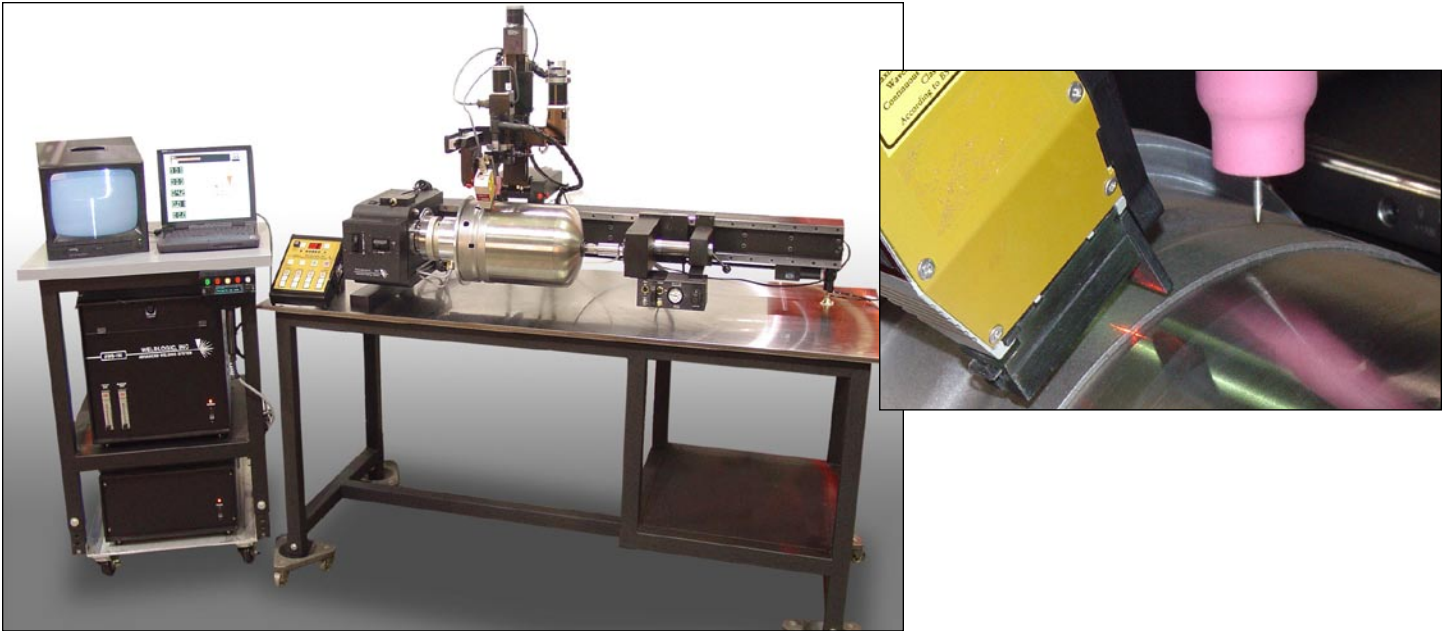


AWS-300 / 6100 System with Automatic Laser Seam Tracking



This AWS-300 / 6100 Advanced Welding System was manufactured to provide a fully Automatic Circumferential welding cell. The part purge time and multipass weld time could run up to 10 minutes per part. The customer required minimal labor content and 100% yield.

Weldlogic Engineers provided a fully integrated AWS-300 with quick purge and a Laser Seam Tracker to insure precise torch positioning over the weld seam and enable the operator to perform other tasks during the entire welding operation.

The Weldlogic System components:

- AWS-300 Advanced Welding System
- Arc Voltage Control
- PWL-15-36 Precision Welding Lathe
- Laser Seam Tracker / Monitor
- 2 Axis of Joy Stick Torch Positioning
- Live Center tail stock with Gas Purge
- Retractable Torch / Tail Stock – Air Actuated
- 3 Axis of Laser Tracking Adjustment
- Horizontal / Vertical Lathe Positioning

Application:

304 / 316 S.S. Pressure Vessel Welding

Industry:

Pharmaceutical, Bio Tech, Semi-Conductor

Requirements:

X-Ray clear, Low distortion, Full penetration,
Operator free operation