Nuclear Waste Canister Welding Solutions

Liburdi Dimetrics Nuclear Waste Canister Welding System was engineered utilizing our advanced automated welding technologies, process controls and standard products. We can customize components to adapt to a variety of canister geometries and joint configurations.

The Gold Track® VI Hot Wire automated welding system produces high quality GTAW welds with overall speeds comparable to those of GMAW systems. Our proven process automatically adjusts the wire current as the operator increases or decreases the wire feed rate, maximizing deposition rates and reducing overall welding time.

HOT WIRE

Additional benefits of the Hot Wire process are minimized clean up time prior to NDT (non destructive testing) and the best quality bead profile allowing for faster turnaround time, critical for weld time constraints.

REMOTE VIEWING AND CONTROL

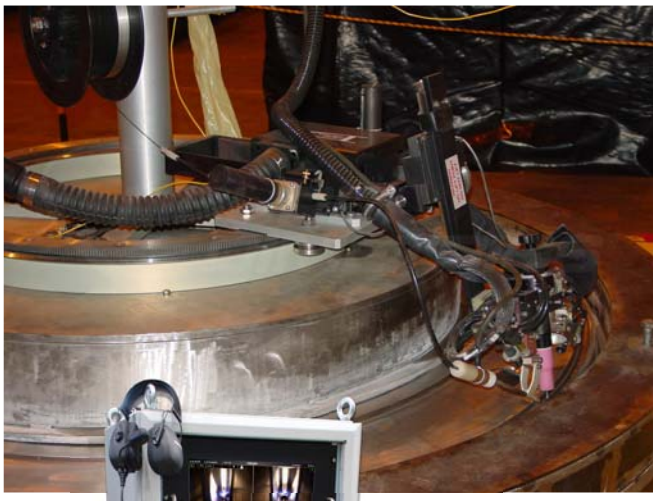
Our FireView™ Remote Viewing Weld System features high resolution/dynamic range camera technologies able to capture and record full colour images of the welding arc. This system can allow for the operator to remotely monitor and control the welding system, suitable for harsh site-based and industrial environments.

CONFIGURATIONS

Liburdi Dimetrics 'Model H' and 'Model G' heads are available in Hot Wire configurations and are adaptable to specific canister system applications. The Gold Track® VI Hot Wire system is available in single or dual Hot Wire configurations which can be operated as a conventional orbital GTAW pipe welding system. We also offer customized engineering solutions for specialized requirements.

DEVELOPED AND IMPLEMENTED BY LIBURDI

- Structural and shielding lid seal welds
- Drain and vent ports
- Primary lid closure weld
- Secondary lid closure weld
- 2G closure weld
- Multipurpose Canister Closure System



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LIBURDI DIMETRICS®

Weld Quality Starts in the Arc