RONDO WELD ERW-SAW

Inspection of longitudinal ERW and SAW welds in tubes and pipes

Equipment Highlights

High-Performance Solution

- Overhead gantry design with automatic probe adjustment for reduced setup times.
- Fully compliant with API 5L, ISO 3183, and latest versions of DNV, TOTAL and SHELL specifications.
- Automatic weld tracking and diameter changes.

Designed for Maintenance

- Full floating compliant cluster design with 3 Degrees-of-Freedom with robust mechanical placement for precise product control and low maintenance.

User-friendly Operation (ITOP)

- Built around Innerspec Technologies Operating Platform (ITOP).
- NDT-WEB 360 software provides a web-based user interface easy to access, share, and customize.
- NDT-LINK cloud service for comprehensive asset management (user access, documentation, support, spares).
- Available for LINUX and Windows OS.

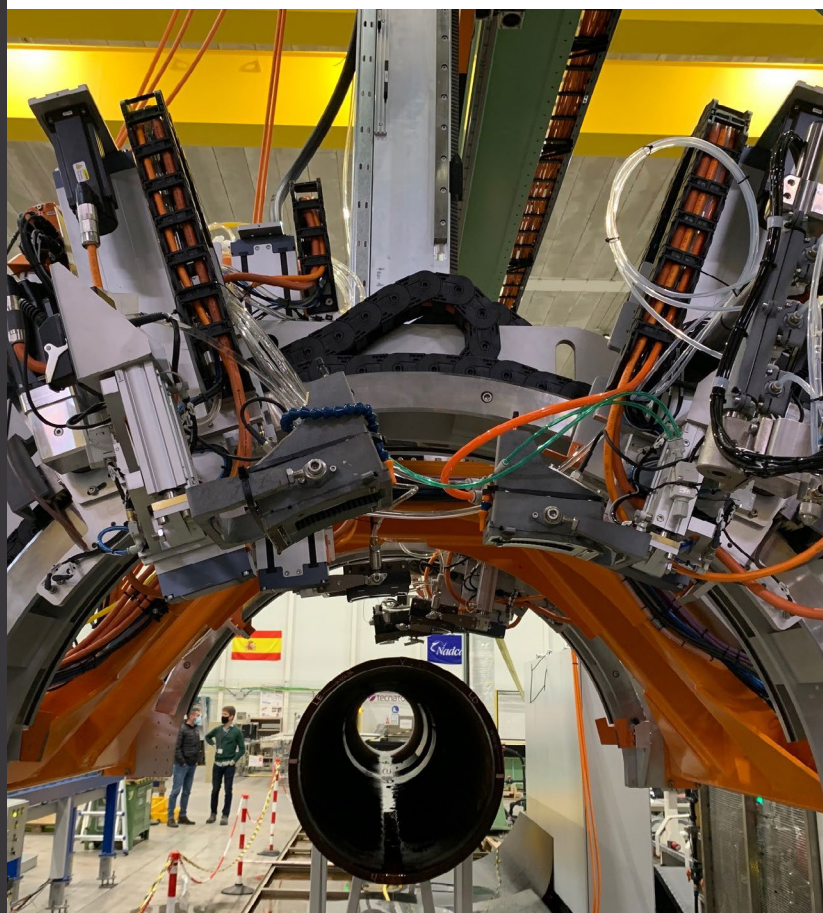
Built-In Integration

- Integrated PLC controls for fully automated operation including calibration, encoding, real-time alarms, paint marking, and product disposition.
- Easy integration of additional inspection techniques from Innerspec such as EMAT, EC, MFL, PMI.

RONDO WELD ERW-SAW is a fully automated Phased Array UT (PAUT) inspection system for off-line inspection of longitudinal ERW or SAW welds in tubes and pipes ranging from 200mm to 1400mm OD.

The system relies on a specially designed cluster that can move freely in three dimensions for highly accurate mechanical adjustment for precise product control. This design is built to be long-lasting, requiring minimal maintenance.

The system is built on Innerspec Technologies Operating Platform (ITOP) which includes its proprietary web user interface (NDT-WEB) and cloud-based asset management tool (NDT-LINK).



sales@innerspec.com www.innerspec.com

USA | Spain | UK | China | Mexico | Bahrain

RONDO WELD ERW-SAW Specifications		
System Type	Helicoidal or Linear Inspection based on Weld Type	
Minimum Diameter	200mm*	
Maximum Diameter	1400mm*	
Tube and Pipe Types	ERW	SAW
Key Features	• Independent linear inspection gantry with modular Phased-Array clusters. • Automatic weld tracking, diameter changes, and probe adjustment. • Ability to add more clusters and different NDT techniques. • Options to choose from fixed head or moving head based on customers' request.	

(*) Other sizes upon request