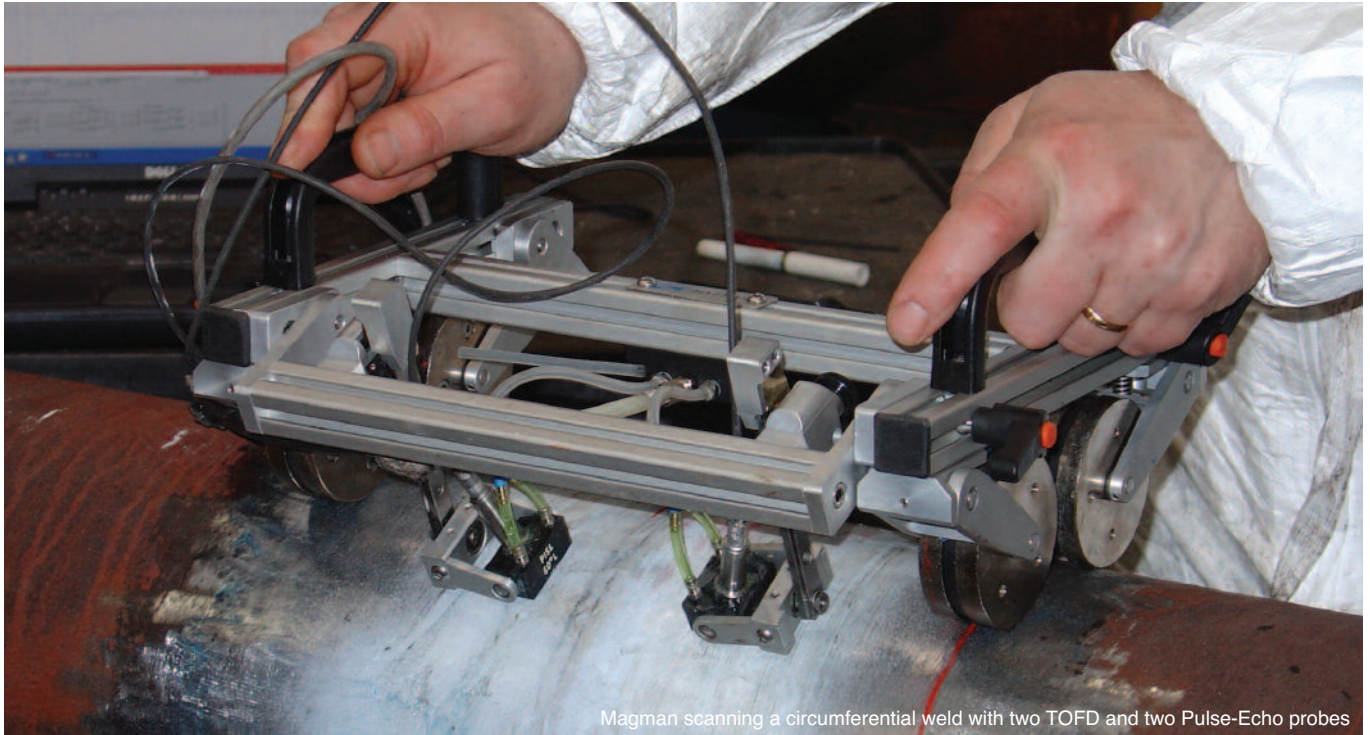


Magman MKIII Circumferential and Longitudinal Weld Scanner



Magman scanning a circumferential weld with two TOFD and two Pulse-Echo probes

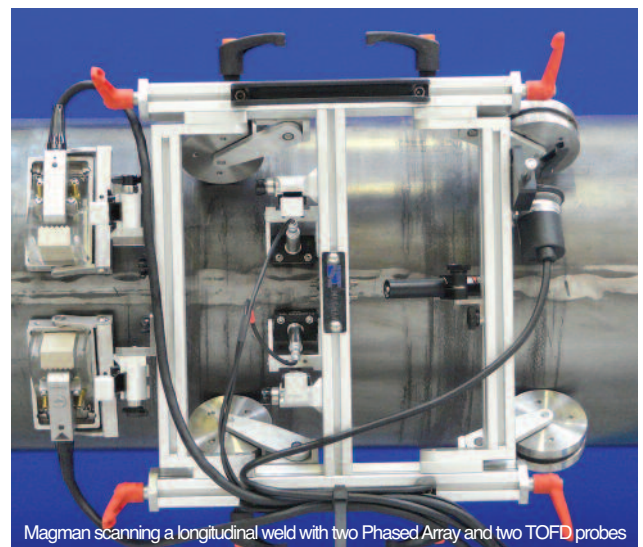
The latest Magman MKIII allows for inspections of both circumferential and longitudinal pipe welds with a simple adjustment. It is ideal for inspections using Phased Array and TOFD or Pulse-Echo separately or combined.

This versatile magnetic scanner was designed specifically for manual operation. Compact yet robust, the Magman can carry from one to 12 ultrasonic probes and is capable not only of scanning flat plate welds, but can also be used for the inspection of pipes down to 1.5" OD (circumferential) and 9" OD (longitudinal).

The Magman is designed to work with any multi-channel flaw detection system and can be supplied with a guide chain and laser guide for accurate positioning. The Magman can be used with any manufacturer's probes and wedges.

Features

- Holds up to 12 probes
- Probes independently sprung and gimbaled
- Independent suspension on all 4 magnetic wheels for uneven surfaces
- Compact (350mm x 325mm) and lightweight aluminium frame (3kg)
- Accurate tracking via guide chain or laser
- Operates in any orientation and from 1.5" OD through to flat plate
- Splash-proof, spring-loaded wheel encoder
- Works with any instrumentation



Magman scanning a longitudinal weld with two Phased Array and two TOFD probes

Magman MKIII Magnetic Scanner

Benefits

- Longitudinal and circumferential pipe weld inspection
- Rapid and cost-effective
- Efficient and versatile scanning
- Can be used for Phased Array, Pulse-Echo and TOFD inspections
- Robust modular construction for practicality
- Ideal for pipe-work, pressure vessels and storage tanks
- Self-supporting on workpiece
- Quick release adjustment throughout
- A range of accessories available

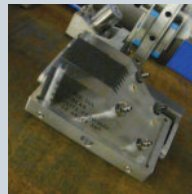
Magman MKIII standard kit

- Adjustable scanner frame
 - Four magnetic wheeled suspension units
 - Spring-loaded encoder wired for any system (including 5m cable)
 - Tool-posts (e.g. Magman 4 has four tool-posts)
 - Irrigation manifold and tubing
 - Rugged hand carry case
- Probes and wedges not included with standard kit*

Optional Accessories



Magman adapter bar for larger PCS



Phased Array cradle and wedge



Magman with transverse tool-post



Magman with guide bracket and chain

User Support

Phoenix Inspection Systems is responsible for the design, manufacturing and supply of all its equipment. Comprehensive customer support and training is available as a matter of course. In addition, a specialised consultancy service, based on extensive practical experience of NDE systems, can be called upon to advise on specific inspection problems.

Innovators in NDT Technology

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