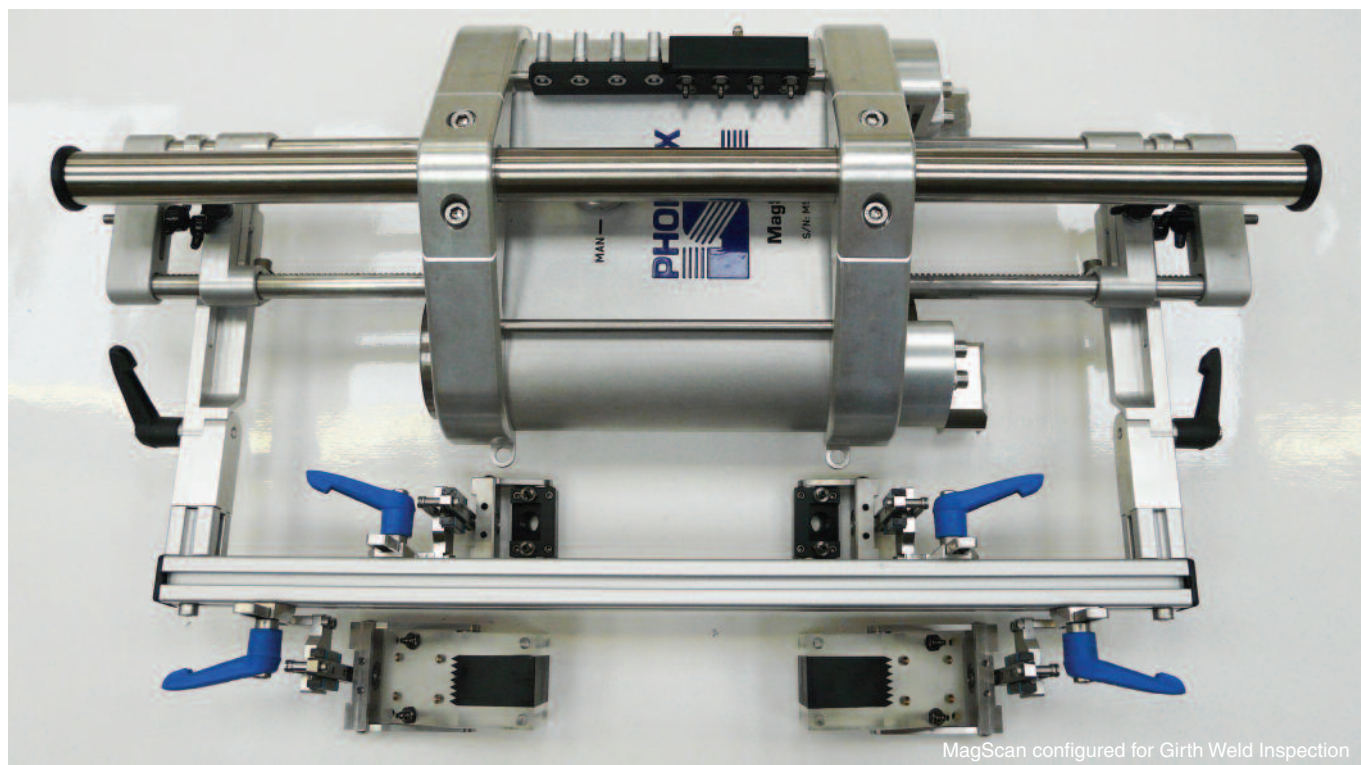


MagScan Dual Axis Motorised Scanner



MagScan configured for Girth Weld Inspection

One of Phoenix's best selling scanners, the MagScan can be used on everything from flat plate to pipes as small as 4" O/D. It is the ideal tool for Corrosion Mapping as the dual-axis function allows for inspections such as raster scanning, also for testing pipe to elbow welds for inspections where TOFD, Pulse-Echo or Phased Array is being used to replace radiography. The MagScan is fully encoded and holds up to 6 ultrasonic probes. Options available include the use of a chain guide, peristaltic pump and motor controller.

Benefits

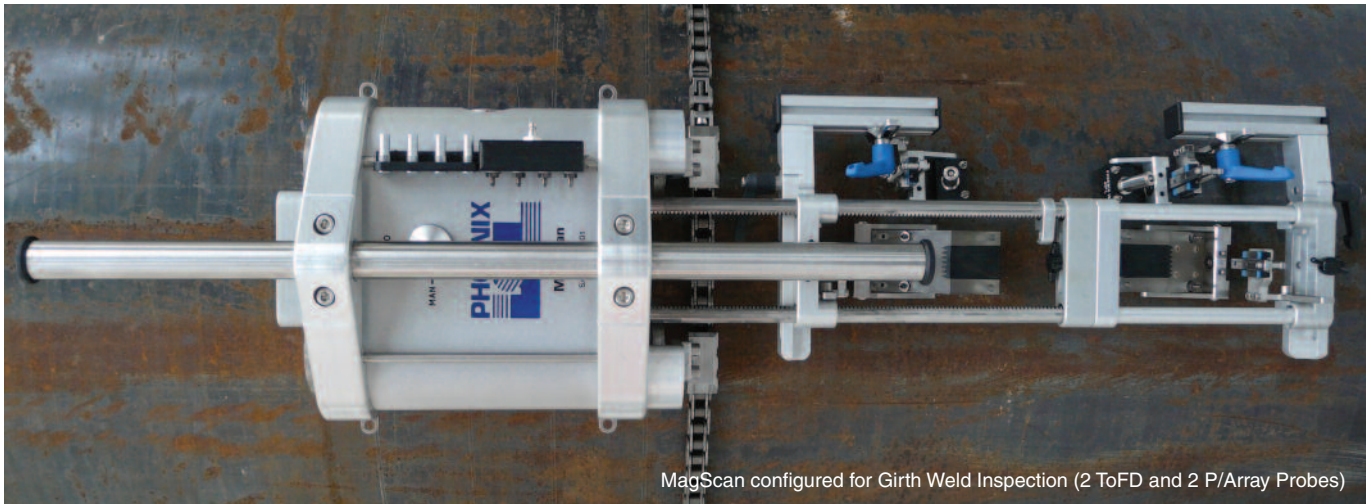
- Phased Array, Corrosion Mapping and TOFD assessment
- Two axes for raster scan inspection
- Cost-effective dual axis inspection
- Strong magnetic wheels allow for use on painted surfaces
- For use with any instrument or motor controller
- High speed inspection (up to 50mm/sec)
- Compact (227mm x 198mm x 126mm) and lightweight (5kg)
- Quick release probe adjustment
- Manual toggle switch enables quick setups



MagScan configured for ToFD inspection

Features

- Holds up to 6 probes
- Simultaneous PA + TOFD inspection
- Probes independently sprung and gimballed
- Probes can be positioned to any PCS
- Operates in any orientation
- Pipe diameters from 4" O/D up to flat
- Integrated couplant and probe manifold
- Scanning arm adjustable up to 250mm
- Servo constant speed control
- Laser or chain guide option
- IP66 rated
- ASME code compliant



MagScan configured for Girth Weld Inspection (2 ToFD and 2 P/Array Probes)

- Local motion control using MCPA2-2 or via PC Link software package
- PC Link allows choice of scan patterns, movement parameters, acceleration and speeds
- Can accommodate any manufacturers probes or wedges
- Mounting rails for ancillary equipment e.g. TOFD pre-amp



MagScan Scanning on painted pipe using 2off PA probes

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 N.D.E. systems, can be called upon to advise on specific inspection problems.

Innovators in NDT Technology

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