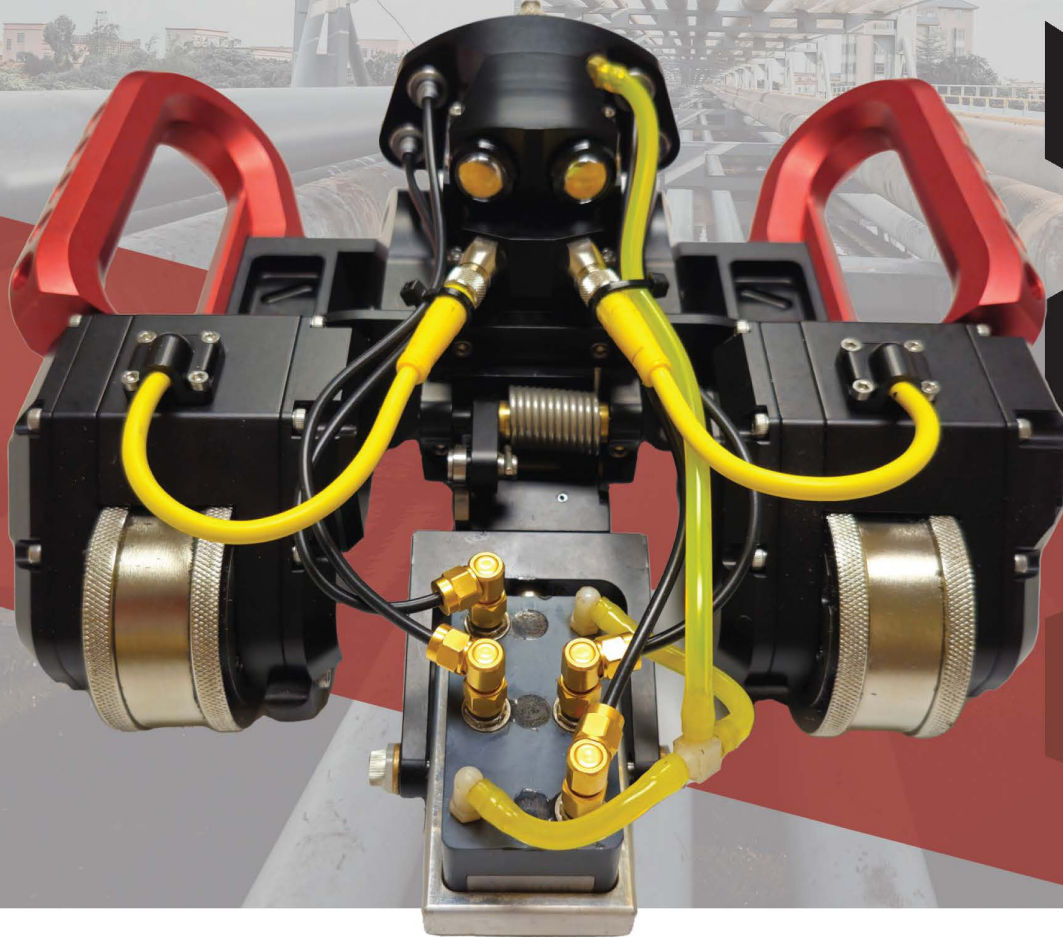


AXIS SCANNER

HIGH POWER AND VERSATILE DESIGN



Introducing the Axis Scanner –

The Axis Scanner from ScanTech is a state-of-the-art scanning platform engineered to deliver high power density and exceptional versatility in industrial settings. Built upon ScanTech's advanced Wheel Pack™ (WP) platform, this scanner is designed to perform ultrasonic B-Scans with precision and efficiency on small radius vessels, dryer rolls, and piping. The Axis Scanner combines robust, field-tested components with cutting-edge technology, ensuring unmatched reliability, performance, and ease of use.

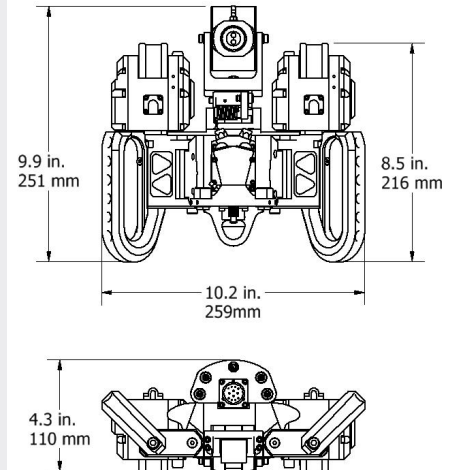


AXIS SELF ADJUSTING SCANNER



SCAN TO SEE IN
ACTION!

The Axis Scanner from ScanTech Instruments is a powerful and versatile solution built on our Wheel Pack Assembly (WPA) platform, delivering unmatched power density for small robotic drive units. Weighing just 10lbs (4.54Kg) with the standard probe assembly, it boasts a pulling force over five times its weight. Designed for Ultrasonic B-Scans on small radius vessels and piping, the Axis scanner self-adjusts to outer and inner radii, ensuring maximum contact and adhesion on vertical or inverted surfaces. The integrated ergonomic handles make removal easy, leveraging fulcrum blocks to overcome the strong magnetic force of the wheels.



TECHNICAL INFORMATION

SPECIFICATIONS

Length	10.2 in	259 mm
Width	8.5 in	216 mm
Height	9.9 in	251 mm
Weight (with standard probe)	10 lbs	4.54 kg
Speed (@ full load)	6 in/sec	150 mm/sec
Tractive Pull Force	>50 lbf	110 N
Magnetic Force	>200 lbf (all wheels)	>900 lbf (Peak - all wheels)

Minimum Diameters:

ID Without Standard Probe Assembly	11 in	280 mm
ID With Standard Probe Assembly	18 in	457 mm
OD for Axial Scans	6.3 in	160 mm

FEATURES

- ✓ **High Power Density:** Lightweight at 10lbs, yet offers a pulling force over 5 times its weight.
- ✓ **Versatile Design:** Ideal for UT B-Scans on small radius vessels and piping; self-adjusts for maximum surface contact.
- ✓ **Easy Removal:** Ergonomic handles with fulcrum blocks make detaching the scanner simple.
- ✓ **Accurate Positioning:** Integrated magnetic encoder ensures precise positioning without wheel slippage.
- ✓ **Reliable Drive System:** Features powerful WP drive modules and ScanTech's proprietary "STC" control system.
- ✓ **Superior Data Quality:** Utilizes "ACR" couplant flow and "CCP" probe mechanisms for high-quality ultrasonic testing.

