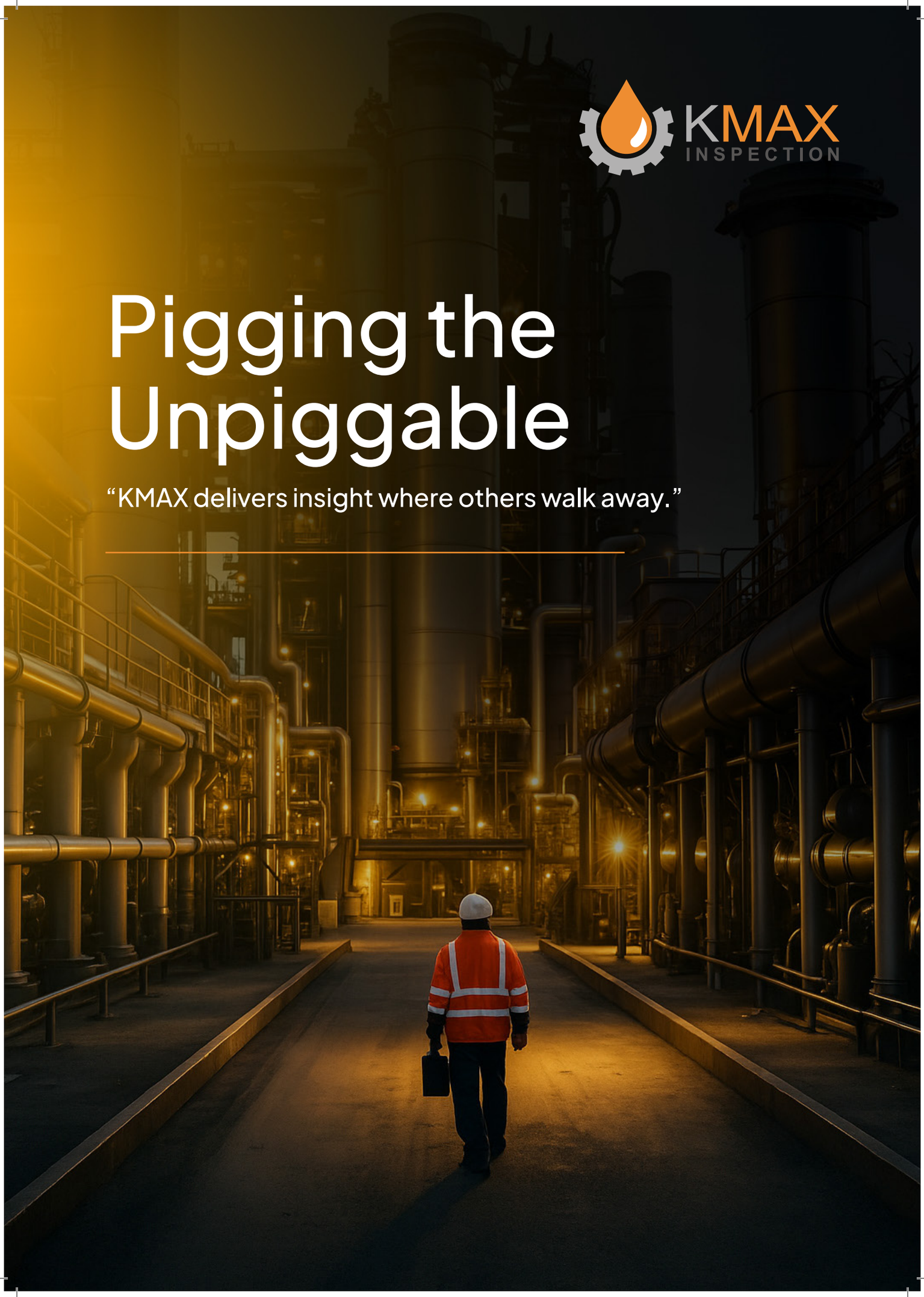
KMAX INSPECTION

Pigging the Unpiggable

"KMAX delivers insight where others walk away."





About KMAX

Founded in 2015 by industry expert Ken Maxfield, KMAX Inspection is now recognized by pipeline operators worldwide, as the leader in small-diameter in-line inspection (ILI). Specializing in 3", 4", 6" and 8" pipelines, KMAX focuses exclusively on difficult-to-pig and previously unpiggable pipelines.

Our work enables operators to inspect lines others avoid. In fact, 59% of our inspections are first-time runs, where conventional ILI vendors either hesitated or failed.

With over 483 projects and 3,463 miles inspected, KMAX delivers trusted, exceptional performance in most challenging pipeline systems.

What Sets Us Apart

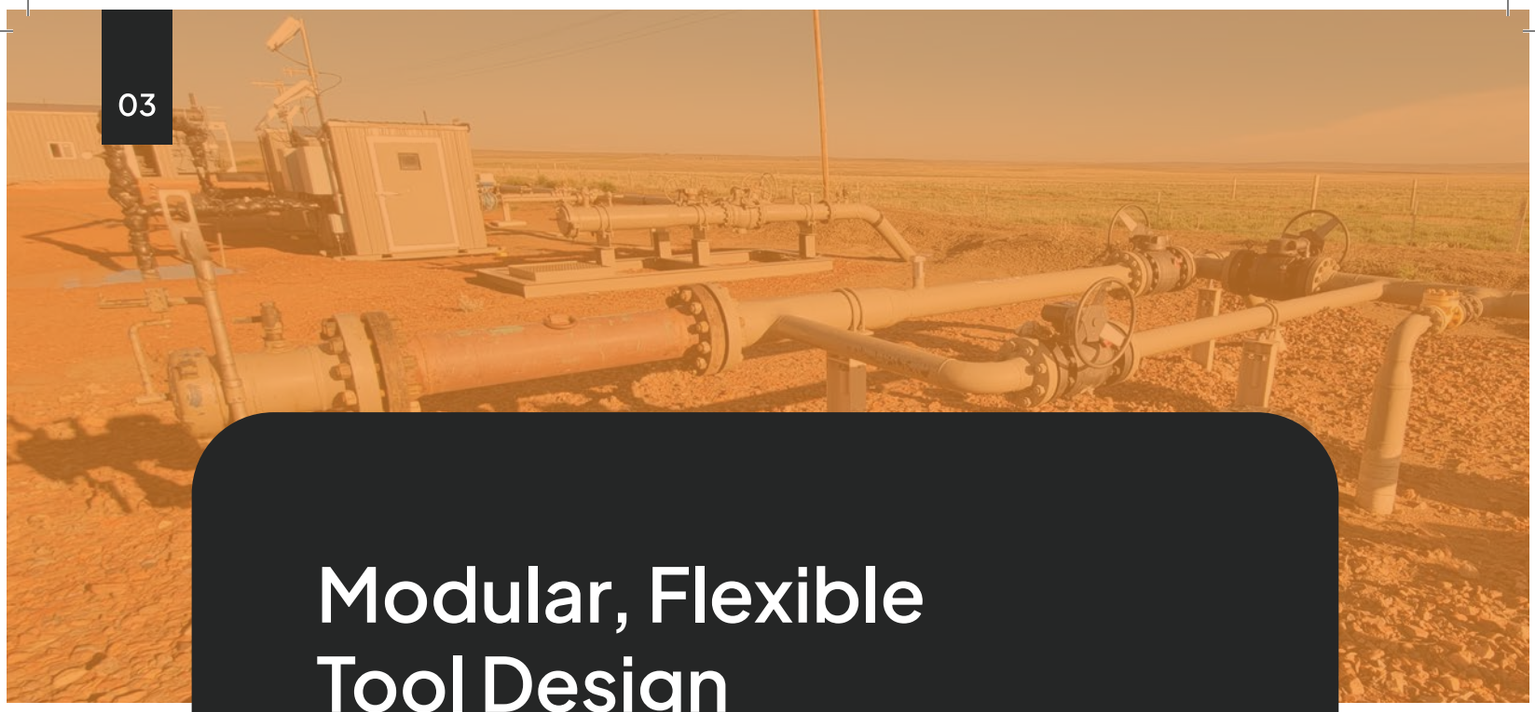
Engineered Exclusively for Small-Diameter Pipelines

Our tools are purpose-built, not miniaturized versions of large-diameter tools. We excel in traversing tight-radius bends, short runs, dead legs, and complex geometry—environments where precision is critical and margin for error is minimal.



Industry-Leading Sensor Resolution

"KMAX features the tightest sensor density in the industry, delivering ultra-high-resolution detection of the smallest metal-loss features—crucial for protecting high-risk pipeline assets."



Modular, Flexible Tool Design

KMAX tools can be configured as:

- Combo Tools: MFL + Deformation + IMU
- Single-Module Tools: MFL-only or Def/IMU-only
- Operating Modes: Tethered, Free-Swimming, or Bi-Directional
- Tools require minimal cleaning or preparation, and are suitable for low-flow or restricted access conditions

Simulation-Driven Tool Engineering and Data Analytics

Using advanced 3D Finite Element Modelling, we simulate artificial corrosion scenarios to enhance defect sizing models, refine Magnetization curves, and optimize tool design for reliable first-run success, and minimizing rework period.

Features & Advantages

- Ultra-compact profile: Passes through standard valve bores
- Segmented, flexible body: Navigates tight and multi-plane bends
- Quick-deploy format: Minimal site disruption, no retrofitting required
- Sensor configurations: Run as MFL-only or MFL + Def + IMU combo

Perfect for

- Short spools and dead legs
- Valve-to-valve segments
- Congested terminal and plant infrastructure
- Meter runs, custody transfer lines, and station piping







Introducing the Game-Changer

KMAX Valve Tool
No Launcher? No Problem.

The KMAX Valve Tool redefines how inaccessible pipelines can be inspected. When traditional launchers and receivers are absent, this breakthrough innovation makes inline inspection possible by using the existing valve infrastructure.

Compact. Intelligent. Deployable. It's a first-in-class tool, purpose-built for short-run, high-value segments previously deemed unpiggable.

"The Valve Tool transforms the "uninspectable" into fully inspectable—without shutdown, construction, or compromise"

Tool Lineup

Purpose-Built for Performance

Tool Type	Key Benefit
Standard Tool	Reliable performance across a diversity of pipelines
Restricted Bore	Ideal for pipelines with changing internal diameters and tight bends
Heavy-Wall Tool	Built to withstand high pressure and thick pipe walls
Valve Tool	Enables inspection without traditional launchers/receivers

Our purpose-built tools combine agility, reliability, and advanced sensing to uncover defects even in the tightest, most restrictive pipeline segments.

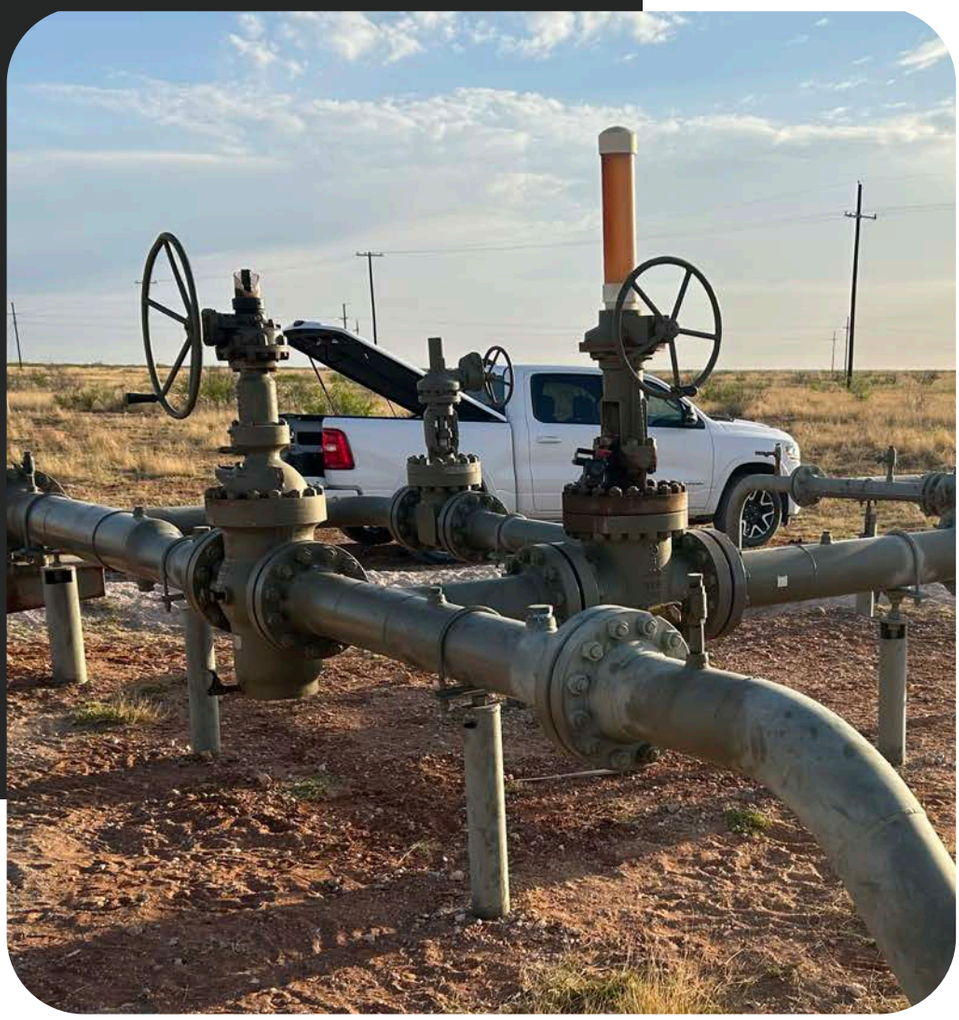
All our tools are lightweight, flexible and capable of navigating 1.5D back-to-back bends.

Ready to deploy—anywhere, anytime.

Integrated Technology Stack

Our inspection platform employs best-in-class sensing systems for a complete assessment of pipeline health:

Magnetic Flux Leakage (MFL):	Detects corrosion and metal loss
Deformation Sensing:	Identifies dents, ovalities, and deformations
IMU-Based Mapping:	Precise centerline plotting and GIS data acquisition



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