

raising the bar

UNDERGROUND



VIDEO INSPECTION SOLUTIONS



DATA MANAGEMENT



REHABILITATION



PRODUCT OVERVIEW

ARIES
INDUSTRIES, INC.

raising the bar

UNDERGROUND

Aries products are designed to maximize your productivity and withstand the rigors of inspecting and rehabbing mainline and lateral pipes. From innovative cameras to powerful tractors and fully-integrated inspection and rehabilitation systems, Aries gives you the technology and support you need.

Mobile Pathfinder Inspection System

The capabilities of a fully-equipped inspection truck in a portable, easy-to-use system.

The Mobile Pathfinder System is a lightweight, portable system for accurately inspecting mainlines 6" or larger. It includes an all-in-one remote control to operate the lightweight reel, powerful tractor, and innovative camera.



Pathfinder Series Transporter

- Choose a powerful tractor from the Pathfinder Series – each equipped with a rear-viewing camera and electric camera lift (excludes model TR3300)

Wipercam Pan & Tilt Camera

- Continuous, 360° rotation and 270° viewing angle to view lateral connections during mainline inspections
- Self-cleaning lens system with field-replaceable wipers for more time in the pipe

Reel

- Portable, lightweight reel to access hard-to-reach areas
- 1000' of low-friction, multi-conductor cable extends your reach

Each element (camera, tractor, reel) of the Mobile Pathfinder System is controlled by an all-in-one remote control. Includes monitor, internal digital video recorder and internal overlay.

ROUND

Sentinel Inspection System

Our reliable, mobile system is easy to troubleshoot and maintain.

The compact Sentinel is easy to transport, set up, and service in the field. The self-contained unit enables quick and accurate inspections in 8"-36" diameter pipes. The system includes:

- Lightweight reel with 700' of cable
- Non-steerable tractor with manual lift to center the camera
- Advanced Pan & Tilt camera with 40:1 zoom and transmitting beacon

Our all-in-one controller operates the reel, tractor, Pan & Tilt camera and lights. It includes an internal DVR with snapshot photo capture.

Seeker 2.0 Portable Inspection System

Lightweight unit captures quality video in sewer laterals.

The easy-to-use, Seeker 2.0 operates in 3" or larger pipes. The 40 lb. system is self-contained, operating on internal battery power. The system includes:

- Lightweight reel with 200' of cable
- Water-resistant power-supply/control unit
- Two camera options: self-leveling straight view or Pan & Tilt



Transporters

Our powerful transporters easily navigate harsh pipe conditions.

Aries transporters are built to withstand the rigors of sewer inspections and ensure long life. Combining power and balance, our tractors easily traverse challenging pipes 6" or larger. Our range of models, Large Line Kits and optional wheel sizes ensure you get the right tractor for any combination of distance, condition, and pipe size.

Steerable Pathfinder Series

Inspect 6" or larger mainlines quickly and accurately with a tractor from our Pathfinder Series. Includes a direct connect, keyed lock eliminating the need for interconnect cables. A remote-controlled lift keeps the camera centered in the pipe.

Badger Wheeled Transporters

Durable and reliable, the Badger is a non-steerable tractor for 8"-48" mainlines. Designed to easily negotiate around obstacles with maximum power.

Taurus Track Transporters

Strong and responsive transporter navigates long distances in adverse conditions. Sealed electrical connections and a maintenance-free drivetrain ensure long-life.

Titan Large Transporters

High traction tires and 360° turning radius provide superior maneuverability in large pipelines. Durable and reliable, the Titan captures superior images in pipes 20" and larger.



Mainline and Lateral Cameras

Innovative cameras capture quality video for accurate inspections.

Capture high quality images in mainlines 6" or larger and laterals 3" or larger with our durable and low-maintenance cameras. Built to withstand challenging pipe conditions and designed to maximize productivity.

Mainline Cameras

WiperCam Pan & Tilt Camera

Features continuous, 360° rotation and maintenance-free lighting. Equipped with self-cleaning lens system with field-replaceable wipers for more time in the pipe. 120x zoom and infinite pan and tilt ensure highly detailed view of the pipe.

Illumi-Zoom Pan & Tilt Camera

Provides pan and tilt rotation for full view of the pipe and 40x zoom to capture highly detailed images. Features continuous, 360° rotation and maintenance-free lighting.

Lateral Cameras

Mini Pan & Tilt Lateral Camera

Features continuous, 360° rotation and maintenance-free lighting. Equipped with self-cleaning lens system with field-replaceable wipers for more time in the pipe. Includes 512 Hz beacon to easily locate the camera.

Self-Leveling Mainline and Lateral Camera

Aries micro push, self-leveling camera with stainless steel housing and replaceable sapphire view port is ideal for use in difficult 3" or larger pipes.



MINI PAN & TILT



SELF-LEVELING



WIPERCAM
PAN & TILT

LETS 6.0® (Lateral Evaluation Television System)

Mainline and lateral inspection system is built to maneuver in tough conditions.

Slim and powerful, LETS 6.0 enables inspections of laterals up to 150' from mainlines 6" or larger. The main camera observes mainline conditions and monitors the lateral camera launch. The lateral camera deploys with or against the flow at a 135° angle.

LETS 6.0 includes:

- Two camera options: self-leveling or Pan & Tilt with in-the-pipe lens cleaning technology
- Rear-viewing camera monitors push cables when in reverse and during retrieval
- Operated by one integrated remote Xbox 360® controller*

*Requires truck or trailer



EASILY NAVIGATES
135° PIPE BENDS

*XBOX 360® IS A REGISTERED
TRADEMARK OF MICROSOFT®



Data Management



Pipeline Data Collection Software

Sewer inspection software manages data and create reports.

PipeOptix® is an entry-level software program that is easy to learn, set up and use. It offers an affordable solution for municipalities and contractors to manage inspection data.

Grouting System Truck

Grouting system halts leaks in mainlines and laterals.

Customize a high cube truck with our complete grouting system. Aries grouting equipment pumps chemicals under pressure to the packer in the pipeline. Includes a complete TV inspection system to monitor the grouting process.

Grouting System Truck Include:

- Simple push-button operation for grouting and inspection equipment
- 60-gallon continuous-duty mixing tanks to enable sealing large voids
- High-power winches move the packer from joint to joint quickly
- 800' of hose for multiple run set-ups from a single-entry point



COMPLETE GROUT TRUCK SYSTEM

Wolverine 2.0 Cutter

Cut through difficult materials with power and precision.

Designed and built by Aries, the Wolverine 2.0 is a powerful cutter for the reinstatement of laterals or pre-lining prep work in pipes 6"-18" diameter. It navigates harsh conditions and cuts with power and accuracy. Designed for easy maintenance in the field.

Wolverine 2.0 Includes:

- Fingertip control for outstanding operator ergonomics
- Infinitely adjustable speed and axis movement for precision cutting
- Built-in lens wiper and scraper for increased visibility while cutting
- 500' cable to reduce truck set-up time



WOLVERINE 2.0 CUTTER

Vehicle Mounted Systems

Inspection and rehabilitation vehicles provide a professional working platform.

Aries outfits your choice of vehicle with equipment to meet your specific needs. Choose from standard or customized layouts and a variety of electronics and operator options. Built for operator comfort, safety and high productivity.

Aries Vehicles Feature:

- Ample work and storage space and high-tech control room
- High-quality materials and workmanship for durability and long life
- Variety of vehicle types, including high cube trucks, cargo vans, trailers and ATV enclosures



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