



# Lateral Launch System

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## INSPECT MAINLINE AND LATERAL PIPELINES IN A SINGLE RUN.

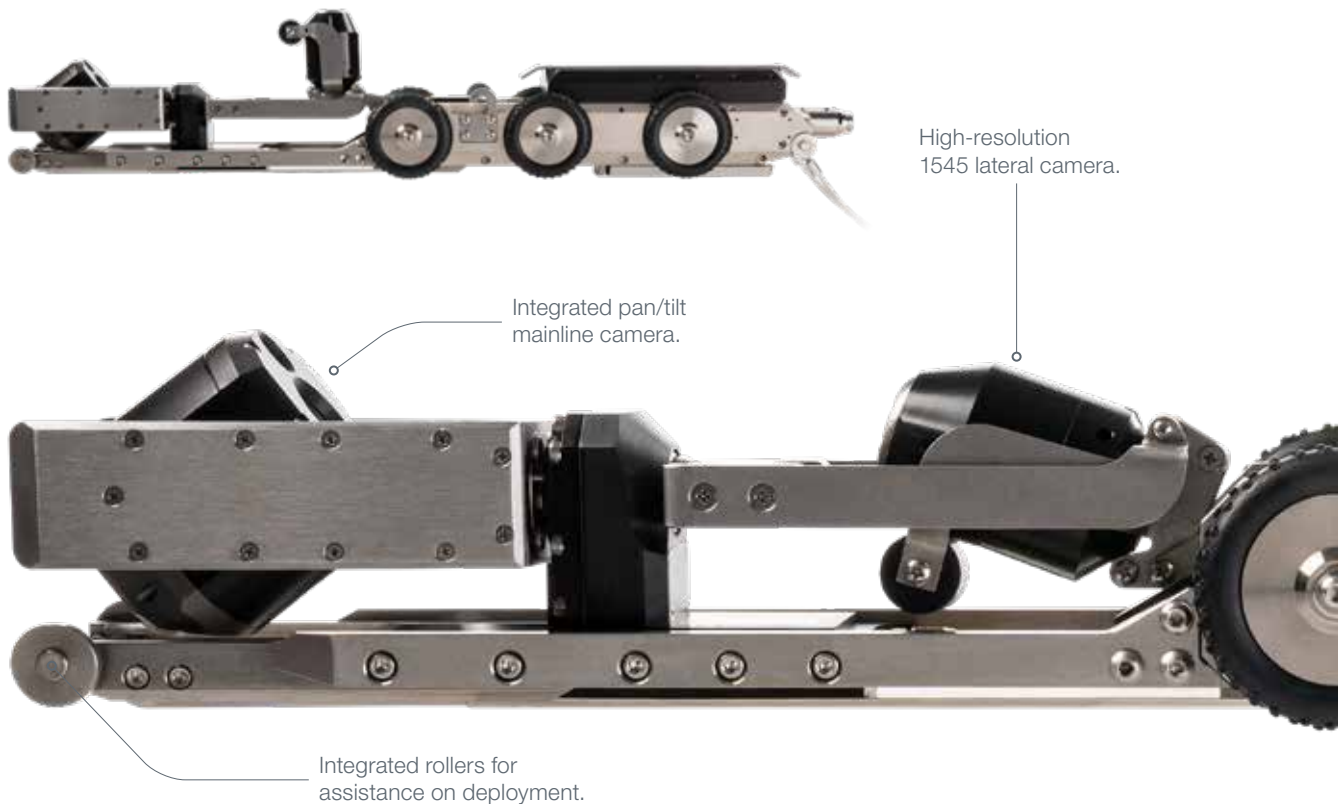
This single, fully integrated unit does double duty, increasing your productivity day-in and day-out. Dual video monitors simplify both launching and retrieval, while a rugged, six-wheel-drive tractor powers through the lines. Mainline and lateral launch cable reels offer easy retrieval after inspection.

### Options

:: Optional locating receiver available.



*Lateral camera rotates up to 90 degrees.*



## System Cameras

- :: High-resolution video (2.38 megapixel) with a total zoom of 120:1 (10X optical and 12X digital).
- :: Integrated pan/tilt head with 270° of pan and 180° of rotation for full 360° inspection capabilities.
- :: Auto iris and auto focus.
- :: Programmable pan and rotate limits with on-screen instructions.
- :: Scratch-resistant sapphire window cover for durability.

- :: Adjustable, ultra-bright LED dual light array (1,300 total lumens) with remote-controlled settings allows inspection of pipes without additional lights.
- :: Home function returns camera head to straight-ahead and upright position.
- :: Optional inclinometer and integrated lasers for crack measurement.

### Mainline



## General Features



- Capable of mainline inspections up to 500 feet in length and lateral inspections of up to 200 feet.
- Three forward speeds, reverse and freewheel.
- Single-conductor technology for significant cost and performance advantages over multi-conductor technology through interchangeability of components, backwards and forwards compatibility, and reduced downtime.
- Integrated 512Hz beacon (sonde) for locating.
- Water resistant per IP68 requirements.

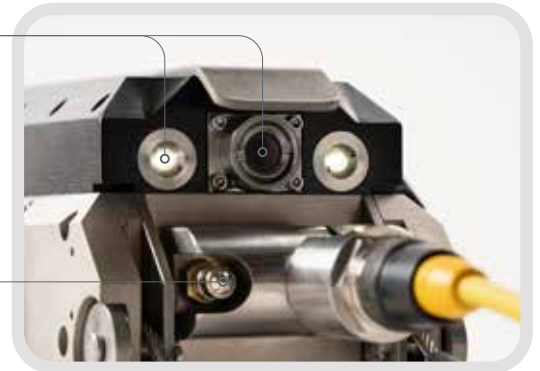


6"-24" diameter mainlines  
4"-8" lateral lines

**SinCon cable features a 5,400-pound breaking strength (versus 500 to 2,000 pounds for multi-conductor cable).**

## Rear View

Integrated rear-view color camera with LEDs.



Easy-access pressure ports for convenient leakage testing.

Lifting hooks for easy deployment and retrieval.

Single-bolt mounting point for quick wheel removal and installation.

Stainless-steel skids protect from pipe joints which could snag or flip unit.

Powerful 90W motor.

Tilt-up connector reduces wear and tear on pigtail connection.

Lateral cable drive system with six stainless-steel, gear-driven drive rollers.

Integrated rollers to assist tractor over offsets during retrieval.

## Available Wheels

### Lateral Line

- High-resolution 1545 lateral camera with auto-uprighting picture and built-in 512 Hz locating beacon (sonde).
- Elevating mount rotates 180° and elevates up to a 90° position for ease of launching into the lateral.
- Can deploy and retract at a rate of up-to 30 feet per minute.



Standard



Knobby Balloon



MegaTrak  
2.7" / 3.3" / 4.5"



Pneumatics  
6" / 8"



Hi-Trak Casters

## TRANSPORTER SPECIFICATIONS



|                             | mighty mini   | lateral launch | transtar II   | transtar      | protrak             | storm drain   |
|-----------------------------|---------------|----------------|---------------|---------------|---------------------|---------------|
| PIPE SIZES                  | 4" to 12"     | 6" to 24"      | 6" to 24"     | 6" to 30"     | 6" (relined) to 30" | 24" and up    |
| STEERABLE                   | -             | -              | ✓             | ✓             | -                   | ✓             |
| ELEVATOR                    | ✓<br>(manual) | ✓              | ✓             | ✓             | -                   | ✓             |
| WEIGHT<br>(w/o camera)      | 15 lbs        | 42.5 lbs       | 30 lbs        | 37.5 lbs      | 33 lbs              | 100 lbs       |
| LENGTH<br>(w/o camera)      | 11"           | 32"            | 14"           | 19"           | 27"                 | 36"           |
| SPEEDS<br>(Forward/Reverse) | 3/1/freewheel | 3/1/freewheel  | 3/1/freewheel | 3/1/freewheel | 3/1/freewheel       | 3/1/freewheel |
| MOTOR/POWER                 | 90W           | 90W            | 2 x 90W       | 2 x 90W       | 150W                | 125W          |

*The industry's **ONLY CABLE WARRANTY—1 YEAR***  
*The industry's **BEST 1-YEAR TRANSPORTER WARRANTY***

## More Than 30 Years of Innovation.

Our inspection system technology traces its roots back three decades with many innovative “firsts” to the marketplace.

- First mainline color camera featuring internal lights.
- First U.S. manufacturer to build a true pan-and-tilt camera with tracking lights.
- First to manufacture cable reels that offer “electrical gear selection” and a true freewheeling cable drum.
- First tractor design to provide freewheeling for rapid return.
- First to design an electronic circuit to double tractor torque without increasing supply current.
- First to introduce a steerable storm drain tractor or large pipeline tractor.
- First U.S. company to design an explosion-proof camera and tractor approved for Class I Division I applications.
- First to design a universal tap-cutting control system for single-conductor camera systems.
- First to design single conductor laser and sonar profiling systems.
- First manufacturer to produce a single conductor panomorphoc camera system.

To find a Utility Inspection System dealer near you, visit [subsite.com/find-a-dealer](https://subsite.com/find-a-dealer).

