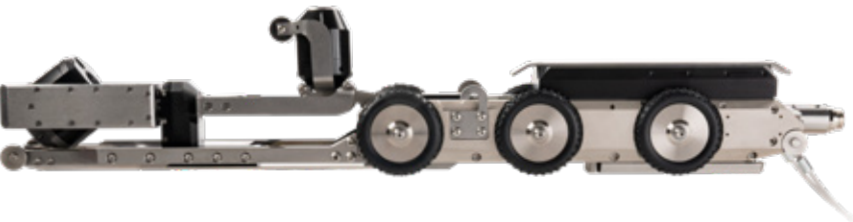**Lateral Launch System**

Lateral Launch System

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.
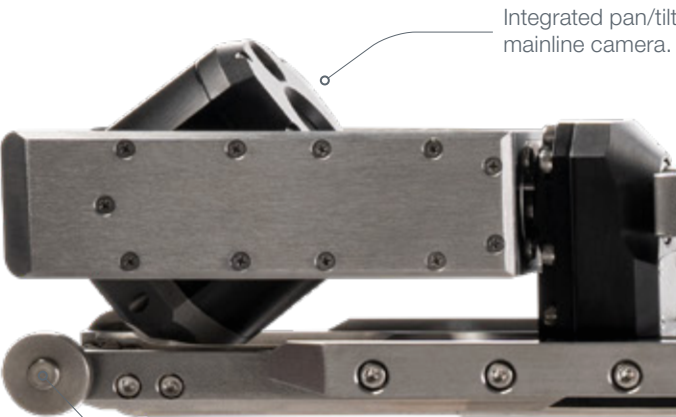
*Lateral camera **rotates up to 90 degrees.***

Options

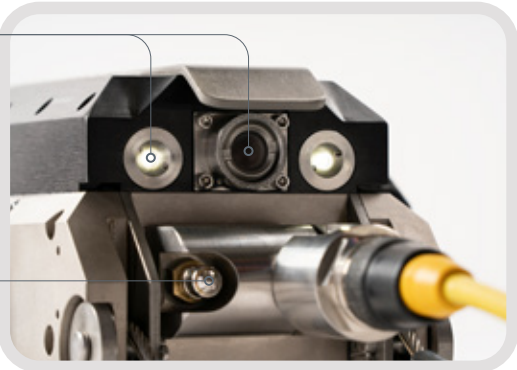:: Optional locating receiver available.

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.

High-resolution 1545 lateral camera.

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.

Integrated pan/tilt mainline camera.

Integrated rollers for assistance on deployment.

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

Integrated rollers to assist tractor over offsets during retrieval.

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

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.

Available Wheels

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	✓ (manual)	✓	✓	✓	–	✓
WEIGHT (w/o camera)	15 lbs	42.5 lbs	30 lbs	37.5 lbs	33 lbs	100 lbs
LENGTH (w/o camera)	11"	32"	14"	19"	27"	36"
SPEEDS (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—5 YEARS*
The industry's *ONLY 2-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 panomorphic camera system.

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