

UTILITY INSPECTION SYSTEMS  
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**ProTrak**  
Utility Inspection Transporter



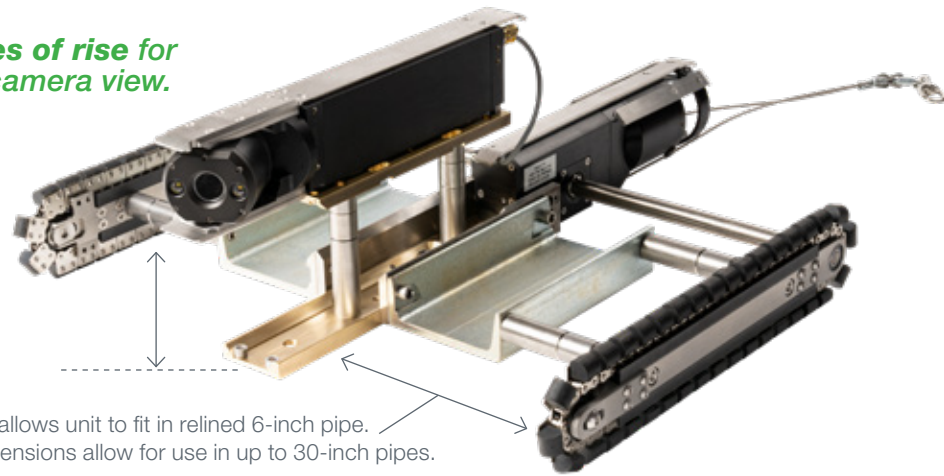
# ProTrak

## Utility Inspection Transporter

### HEAVIER-DUTY CHAIN FOR HEAVIER-DUTY PERFORMANCE.

While others may rely on smaller, less rugged chains, the ProTrak is the only transporter in the industry driven by a heavy-duty #40 stainless-steel chain. Specially designed contoured pads are attached to the chain with dual stainless-steel rivets, providing a large contact surface for maximum traction.

**Four inches of rise for extended camera view.**



### General Features



- Functions on up to 2,000 feet of cable.
- 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.
- Water resistant per IP68 requirements.
- High-performance beveled gear train for more efficient use of power.

6" (relined)-30" diameter pipe

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

### Rear View

Durable, 1/8-inch stainless-steel aircraft cable bridle for secure unit retrieval.



Easy-access pressure ports for convenient leakage testing.

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

Durable guard ring protects electric connection.

Slim, tracked design allows unit to fit in relined 6-inch pipe. Axle and driveline extensions allow for use in up to 30-inch pipes.

Pan and rotate axis are clutched to protect against impact damage to gear train and motors.

Gap spacing on treads allows travel through debris without binding.

Contoured rubber treads for better contact with the pipe wall.

Industry best, ultra-heavy-duty #40 chain for durability and strength.

Elevated electronic and motor assembly for more clearance.

Heavy-duty 150-watt motor for plenty of power.

Additional protective skid with 45° angle to assist in retrieval.

### Available 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 340° of rotation for full 360° inspection capabilities.
- 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 up to 48" without additional lights.

- Internal pressure and humidity sensors and internal clock with startup counter.
- Home function to return camera head to straight-ahead position.
- Optional inclinometer and integrated lasers for crack measurement.

### TrakStar



### TrakStar II



The compact, microprocessor-controlled TrakStar II has all the features and benefits of the TrakStar camera in half the size.

# 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 panomorphoc camera system.

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