



**TranStar**  
Utility Inspection Transporter



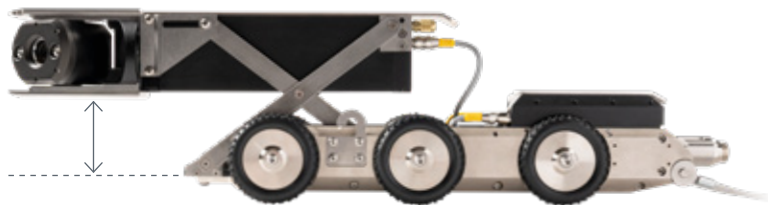
# TranStar

Utility Inspection Transporter

## THE MOST POWERFUL TRACTOR OF ITS SIZE IN THE INDUSTRY.

This steerable transporter features six wheels for sure footing during inspections. The all-gear-driven tractor is powered by two 90-watt motors, allowing it to inspect larger lines. The clutch allows rapid freewheel retrieval once the inspection is complete so you can wrap up quickly and get on to your next task.

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



## Options

- Axle extensions for large-pipe inspection.
- Multiple wheel sets for optimum combination of height and traction in any pipe.
- 512Hz pigtail beacon (sonde).

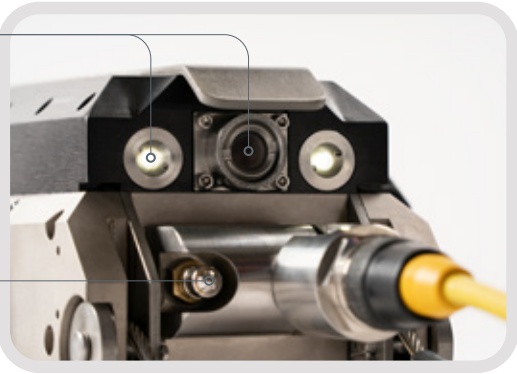
## General Features

- Functions on up to 2,000 feet of cable.
- Three forward speeds, reverse and freewheel.
- Full steering allows unit to rotate on its own axis, making it extremely maneuverable.
- Motorized elevator systems.
- 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.

6"-30" diameter pipe

**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.

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

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

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

Dual 90-watt motors deliver more power than any other tractor of its size.

Integrated rollers to assist tractor over offsets during retrieval.

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

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

## Available Camera

- 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.



## 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                    | ✓<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—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.

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

