

Transporter[®]

RCT-310S

Self-Propelled Crawler



The Ratech RCT-310S Remote Camera Transporter[®] is a self-propelled multi conductor crawler. When used with any color or black and white inspection camera, it is capable of inspecting mainline sewers and pipes from 6" (150mm) to 30"+ (750mm) in diameter from a single entry point. Gone are the days when an inspection had to be aborted due to blockages, dead ends, single hole entry or excessive traffic areas.

The self-propelled crawler allows single hole entry to reach dead end lines and blockages where winch pulled cameras cannot reach. Manhole to manhole

inspections are completed in less time by eliminating winch setup. The transporter's dual tracks can quickly be widened to adapt to various pipes sizes. The powerful motor and angled tank-like treads to provide full traction on the curved pipe sides. It will overcome obstacles and make easy work of most lines.

The RCT-310S will accept any 3" (75mm) diameter camera and comes complete with spacer bars from 6" (150mm) to 30" (750mm) pipe diameters.

An optional studio desk mount remote control unit is available. The power and controls to operate the transporter are supplied through the existing multi conductor TV cable in your vehicle. Two conductors are required with a minimum of #20 Awg. in size, as well as two additional slip rings on the cable reel.

The unit is adaptable to most multi conductor systems currently on the market.

Transporter[®]

RCT-310S

Specifications

Electronic Data

- 100% Solid state
- 0-90 Volts DC variable operating voltage
- 0-2 Amps DC operating current
- Motor rating: 1/8 HP 90 Volt DC
- Water resistant connector: 3-pin mounted on motor housing
- Conductors: 2, #20 Awg. or larger insulated and isolated from all other circuits and ground

Drive System

- 1/8 HP Heavy duty DC drive sealed motor
- Power forward, reverse and neutral (remotely controlled from studio)
- Variable speed from 0-30 FPM (feet per minute)

Mechanical

- Water sealed black anodized aluminum motor housing
- Stainless steel tractor body
- Track system: dual angled, tractor-like vulcanized rubber tread pads with steel chain (dual rivet available)
- Overall length including motor: 27.0"
- Weight: 35 lbs. (15 Kg) approx.



Warranty

One year parts and labor against defects in manufacturing. System must be returned to factory for warranty repairs. Damage caused by user or carrier will not be covered under Ratech's standard warranty.



260 Spinnaker Way, Unit 7, Vaughan, Ontario, Canada L4K 4P9
Toll Free: 1-800-461-9200 // Tel.: (905) 660-7072 // ratech-electronics.com

Ratech Electronics Distributors and Warehouses are located in Canada, U.S.A., Europe and Australia.

Specifications subject to change without notice.

Ratech
ELECTRONICS

Video Pipeline Inspection Systems