

COMPACT PIPE RANGER

Multi-Conductor
Wheeled Transporter



CPR transporter shown with the optional OZIII camera.



THE COMPACT PIPE RANGER (CPR) IS A LIGHTWEIGHT, COMPACT, AND RUGGED STEERABLE TV CAMERA TRANSPORTER USED TO INSPECT SANITARY AND STORM SEWERS.

The Compact Pipe Ranger (CPR) is designed to operate on a minimum of 1000' (305 m) of multi-conductor TV cable to inspect 6" (152 mm) relined through 48" (1219 mm) diameter pipe. The Compact Pipe Ranger (CPR) includes full-proportional steering to traverse meandering pipe and 45 and 90 degree turns. The superior pulling power of the CPR, combined with the optics and directional lighting of the compact OZIII zoom pan and tilt camera (with the ability to rotate in a 4" (102 mm) circle), creates video inspection quality that's unsurpassed in the industry.



CPR in the 6" (152 mm)
Rubber Configuration



CPR in the 8" (203 mm)
Configuration



CPR in the 6" (152 mm)
Steel Configuration



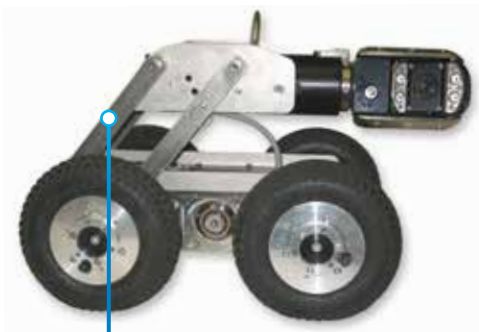
Multiple wheel sets are available to maximize bottom-clearance, traction, and optimize camera position; High-traction wheels are available for slippery PVC pipe; Wheels can be installed or removed from a single point of contact.

CPR Transporter

Features & Benefits



An optional mechanical or power camera lift is available to prevent the need for an operator to enter the manhole to position and reposition the camera height and to optically center the camera in varying pipe diameters.



Optional Mechanical Camera Lift



Optional Power Camera Lift



An optional rear-viewing camera, which is mounted to the CPR transporter, is available to help avoid obstacles and potential tip-overs in the pipeline by providing visibility when retrieving the transporter or driving in reverse.



Optional Rear-Viewing Camera



THE CPR IS DESIGNED TO TRAVERSE LONG DISTANCES AND TOUGH PIPE CONDITIONS, AND TO FACILITATE EASE OF HANDLING DURING INSERTION AND RETRIEVAL.

- Operates in 6" (152 mm) relined through 48" (1219 mm) diameter pipe and larger.
- Operates with CUES OZIII zoom pan and tilt camera & CUES multi-conductor systems.
- Ease of operation is accomplished with one joystick control for all transporter and camera movements.
- A variable "cruise control" setting is available for transporter speed for hands-off operation!
- Designed to traverse sanitary sewers, storm drains and pipe with debris and silt.
- Freewheel, powered reverse, forward variable speed control, all wheel drive.
- Locking bayonet-style rear bulkhead connector - durable/stable.
- Two-speed transmission doubles the torque and maximizes traction in varying pipe conditions.
- Rear swivel bulkhead connector minimizes strain on the cable connection during insertion and retrieval of the unit.
- Compact camera/transporter length with the CUES OZIII camera facilitates entry into small inverts, small manholes, dead end lines, and traversal of sweeps.
- Full proportional steering control to traverse meandering pipe with 45° and 90° turns; minimizes transporter turnover in small diameter pipe.