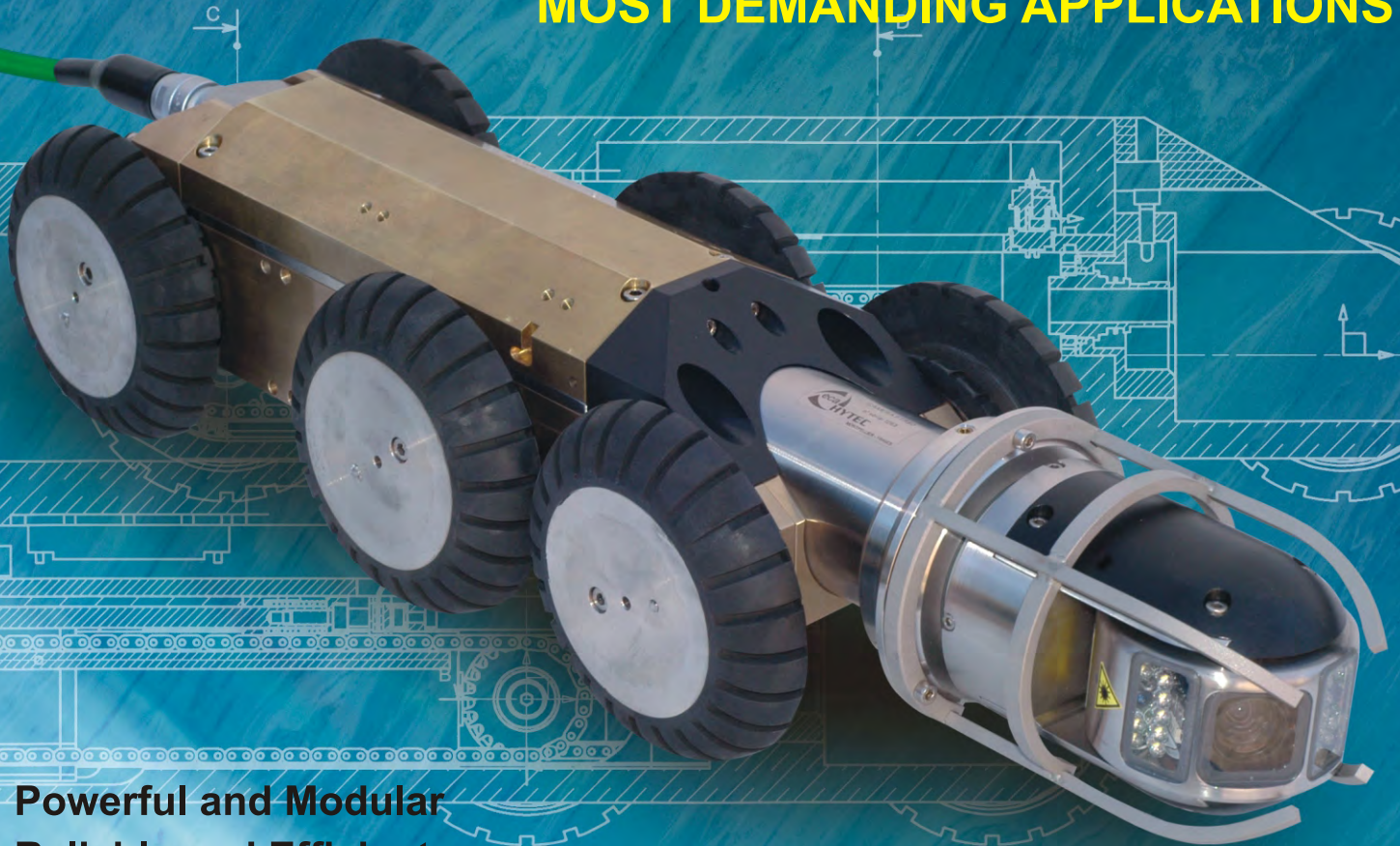




# PIPE CRUISER

THE SMART VISION SYSTEM FOR THE MOST DEMANDING APPLICATIONS



- Powerful and Modular
- Reliable and Efficient
- Digital Technology
- Vision and Measurement

# PIPE CRUISER

FOR INSPECTION AND MEASUREMENT OF PIPES FROM 6" TO 48" (150 TO 1200 mm)

## Control Unit (VSR65)

Power supply and controls for camera, transporter and lights.

- LxDxH: 21" x 17" x 12" (530 x 440 x 320 mm)
- Weight: 50 lb control panel (23 kg)

## Reel (TMO 500 A)

- Capacity: up to 1650' of umbilical cable (up to 500 m)
- Winding & unwinding speed slaved to forward/backward movement of the transporter
- Electronic distance counter

## OVR Umbilical Cable

- Internal Kevlar braid pulling force: 660 lbs (300 kg)
- Polyurethane external sheath, abrasion resistant
- Diameter: 0.3", Weight ~ 6 lbs/100' (Diameter 7.8 mm, 90g/m)



## Electrical Transporter (VSCE 150)

- Modular used with pipes diameter 6 to 48" (150 to 1200 mm)
- 6-wheel drive
- Steerable
- Adjustable speed from 0 to 100' /minute (0 to 30 m/minute)
- Bronze plus brass housing
- Length: 15", Weight: 35 lbs. (Length: 385 mm, 16 kg)
- Depth rating in water: 15' (Transporter is internally pressurized) (5 m)

## Camera (DTR 65 HRC)

- Resolution: > 450 TV lines
- Sensitivity: 0.1 lux
- Remote controlled focus
- Diameter: 2.5" (65 mm)
- Stainless steel housing
- Operating pressure: 30 bars
- Viewing head movements: Tilt+/- 100°, Rotation: unlimited
- High luminosity LED (50000 hour lifetime)
- Laser measurement head



## Zoom Camera (FTR 80 C)

Highly compact camera with a swiveling head.

- Optical zoom 10x, digital zoom 4x
- Remote controlled focus
- Resolution: 460 TV lines
- Sensitivity: 2 lux (0.3 lux in slow shutter)
- Housing diameter 2.5" (65 mm), stainless steel housing
- Head diameter 3" (80 mm)
- Depth rating: 10' (3 m)

