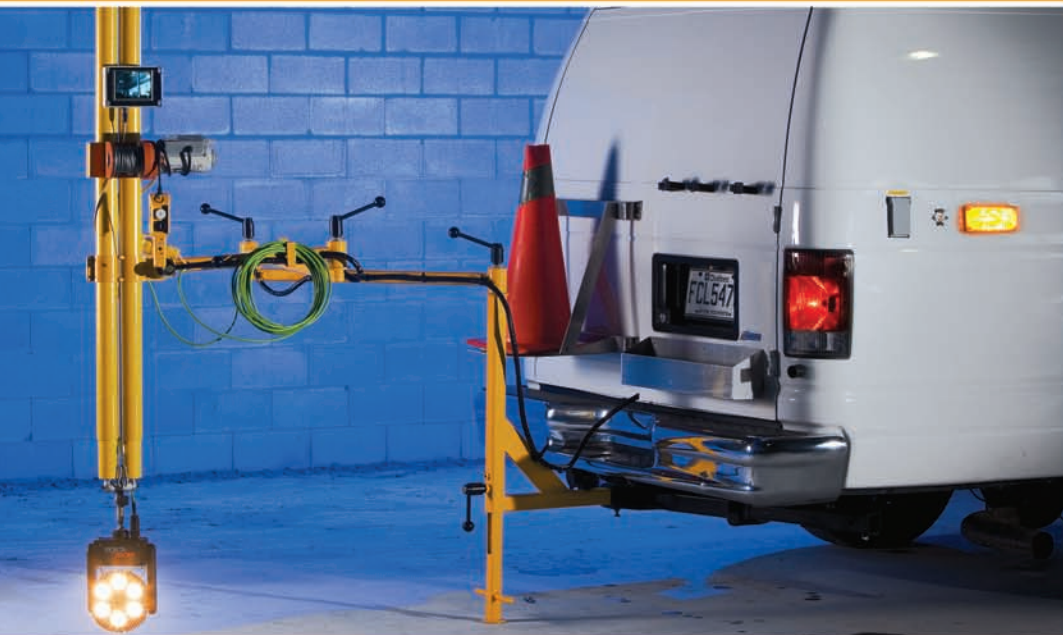


# QUICK-LOWERING MAST AND ARTICULATED ARM

*Deploys up to 2.6 m (8.5 ft.) from the vehicle, and as deep as 10 m (30 ft.)*



**PORTA  
ZOOM**  
By CTZOOM

***Variable-axis motorized  
telescopic mast***

The PortaZoom variable-axis telescopic mast for accessing oblique manholes and offset pipes virtually eliminates unsuccessful inspections.

## **Access to 99% of underground pipes**

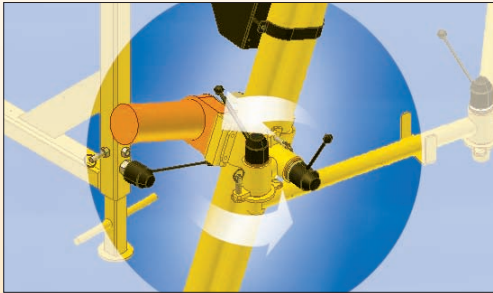
- Telescopic mast capable of reaching down a full 10 m (30 ft.) to provide access to 99% of underground pipes
- Double-pivot system to control the vertical axis when lowering the camera into oblique manholes
- Multipurpose mounting system enables the camera to be tilted perpendicular to the mast
- Automatic lowering by integrated motorized winch
- Possibility of inspecting 10% to 20% more pipes than with a hand-held pole

## **Installation on your current vehicles in less than 15 minutes**

- Entire system compatible with a standard trailer hitch
- Three-point mounting system—at the rear and on each side of the vehicle—for maximum flexibility of installation
- Structure exceptionally portable and quick to install (less than 15 minutes)
- System also suitable for inspecting above-ground manholes

With its heavy duty truck-mounted system, the PortaZoom mast is designed to increase productivity during major inspection operations of manholes, pipes, vaults, bridges and other structures.

# QUICK-LOWERING MAST AND ARTICULATED ARM



Sturdy double-pivot system to tilt the camera



Unique three-point mounting system



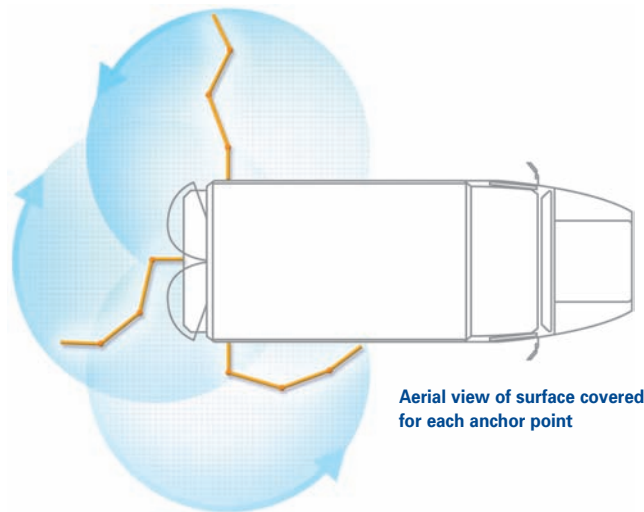
LCD colour display

## Articulated arm has a range of 10 m<sup>2</sup> (110 ft<sup>2</sup>), the largest coverage on the market

- Arm consists of a vertical axis and three articulated horizontal sections
- Exclusive CTZoom locking mechanism on each section of the arm
- Arm moves nearly 360° around the truck when using a three-point mounting hitch system
- Stabilizing leg with automatic release lowers to the ground for incomparable image stability

## Weather-resistant control display for lowering the mast

- A 15-cm LCD colour display mounted on the arm and connected to the camera guides lowering, and is indispensable for centring the lens in the pipe or structure to be inspected
- Display engineered to be watertight and weather-resistant for operation down to -20°C



Aerial view of surface covered for each anchor point

## Option

- Training programs available for operators

CTZoom Technologies specializes in the research and development of leading-edge inspection solutions, and reserves the right to modify, eliminate or add to the product features described in this pamphlet without notice.

For more information about CTZoom solutions, visit our website or contact a CTZoom representative.

*Expertise in a box*

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