



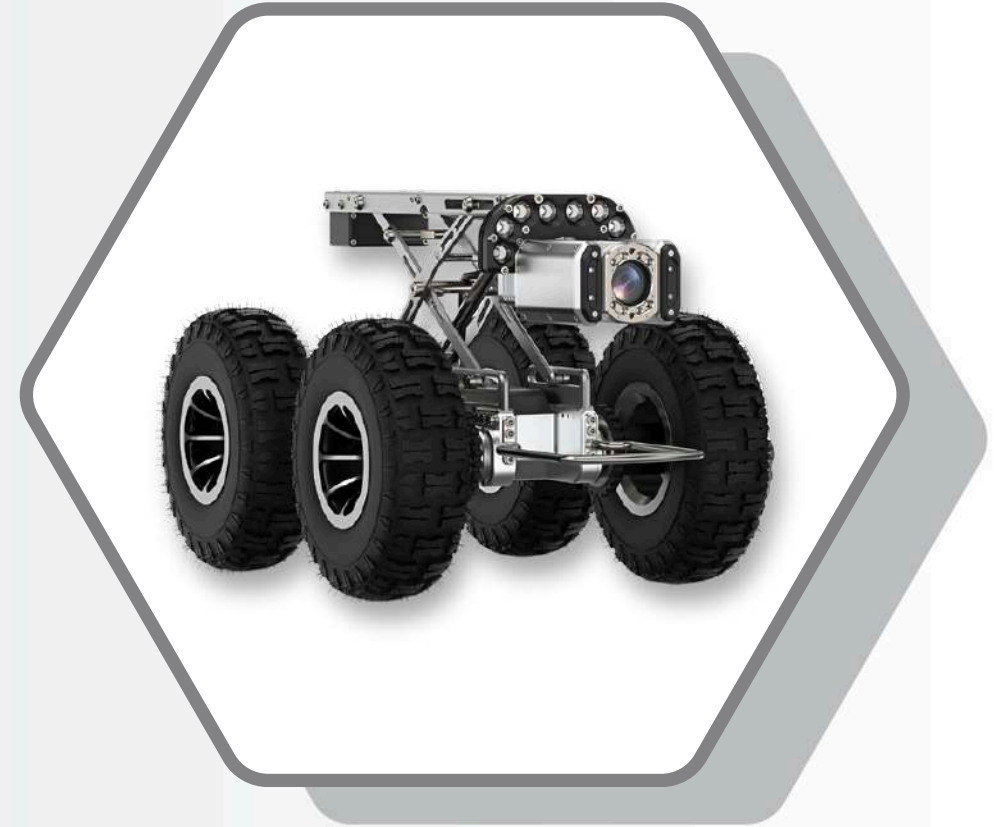
TRACER X5-500

Versatile Pipeline Robot for Thorough Inspections

Robotic Sewer Camera for Thorough Visual and Lidar Inspections of Pipes, Sewer lines, Drain lines

Universal robotic camera system for both visual and lidar inspections of pipes, sewer lines, mainline drains and other structures. High definition camera image along with pan and tilt feature allows the detection and visualization of the defects and cracks.

For advanced inspections or pipe integrity assessments the same crawler can be coupled with a Lidar head with a camera for a complete and fine defect examination. The crawler tractor comes as a complete setup with a automatic reel and the needed components to start the inspection.



Camera Head

- ▶ Full HD CMOS Sensor
- ▶ Sensitivity: 0.5 Lux
- ▶ 10x Optical and 12x Digital Zoom
- ▶ Auto/Remote Focus Control
- ▶ 360°Tilt and 180° Pan Function
- ▶ 12x LED Illumination



Crawler Body

- ▶ 6x6 Steerable Powertrain
- ▶ 2x 90W Electrical Motors
- ▶ Camera Riser
- ▶ Built-in rear HD Camera
- ▶ IP68 Water Protection



Control/Display Unit

- ▶ Tablet Viewing Monitor
- ▶ Integrated Report Generating Software
- ▶ Joystick Control Module
- ▶ Wire Connection to Main Unit



Automatic Cable Reel

- ▶ 500M (1,640ft) Cable Length
- ▶ Multi-Core Cable Tether
- ▶ Automatic Reel System
- ▶ Meter Counter



Crawler Tractor Specifications

Minimal Diameter	8" Pipe and up
Drive Power	2x 90W Motor
Traction	6x6
Crawler Speed	Regulated
Max Speed	37m/min
Max Climbing Incline	~ 45°
Camera Elevator	Yes
Elevator Type	Non Removable
Elevator Control	Remote
Lowering Hook	Yes
Illumination	Front: 8x LED/Backward: 2x LED
Crawler Cameras	Frontal and Rear

Camera Specifications

Front Camera Resolution	Full HD (1920x1080)
Front Camera Functions	Pan & Tilt, 10x optical/12x digital zoom and focus function
Illumination	12x LED Lighting
Rear Camera Resolution	HD (1,280x720)



Cable Reel Specifications

Cable Length	500M (1,640ft)
Cable Type	Reinforced Multi-Core Tether
Cable Reel System	Automatic
Meter Counter	Yes
Emergency Stop	Yes
Waterproof Level	IP65

Control/Viewing Monitor Specifications

Viewing Display	Separate Tablet
Integrated Software	Yes
Software Function	Recording, Report Generation
Crawler Control	Joystick Control Box
Connection to Crawler	via connection tether
Control Functions	speed, direction, elevator, camera

