



# PIPE TREKKER

BY  DEEP TREKKER

The world's first and only fully battery-operated, portable pipe crawler to move quickly and easily to even the most remote manholes.

Pipe Trekker delivers easy-to-use, reliable and robust pipe crawlers which can be either completely one-man portable or truck-mounted.

## A-200 PIPE CRAWLER

Your tough, reliable ally for pipe inspections in 8" (200mm) diameters and larger.

# Portable and Compact CCTV Inspections

Equip your pickup, vac truck, or even ATV with a pipe crawler. Give your team a flexible option to get eyes in the pipe. The battery-powered A-200 equipped with a high definition PTZ (pan, tilt, zoom) camera is the easiest to use and most portable pipe crawler on the planet.

With the possibilities of advanced sensor integrations, such as sonar and lasers, our adaptable design enables true flexibility without compromising performance.



Fully Submersible



Battery Operated



Magnetically Coupled Drives



High Definition Camera



Hybrid Power Options



Durable

# Advanced Integrations

Need to make a simple report? Pipe Trekker's onboard software records video and photos onboard the weatherproof handheld controller quickly and easily. For inspections that require more data, integrate with various software providers such as WinCan for coded reports, GIS mapping, and AI-enabled defect detection.



Contact us to learn more about advanced sensor integration possibilities.

# 5-Star Customer Service

We know the most important part of owning trenchless technology is having it up and running in the field. Pipe Trekker focuses on designing crawlers to handle the rough environments of sewer and storm water pipes, but if an issue does happen, we are here to support you with quick resolutions.

If making a repair in-field is required to keep you on the job site, we will guide you through it. Our team has over a decade of experience making long-lasting robotics. Don't believe us? See some of our reviews.

The Trekker is great for sewer and storm inspections. The customer service level at Pipe Trekker is a class of its own. We could not ask for better customer service, experience and support.

Abbas Hamadeh, FJM Contracting



FJM Utility Locating Ltd.

I would highly recommend their crawlers! The City of Hot Springs Arkansas Stormwater Division purchased the unit in 2017 and have inspected thousands of feet of stormwater sewer pipe with no issues. The battery operated unit provides plenty of power to inspect pipe for hours and is very mobile with no need for a generator or van to transport the unit. You won't regret the decision to purchase this unit.

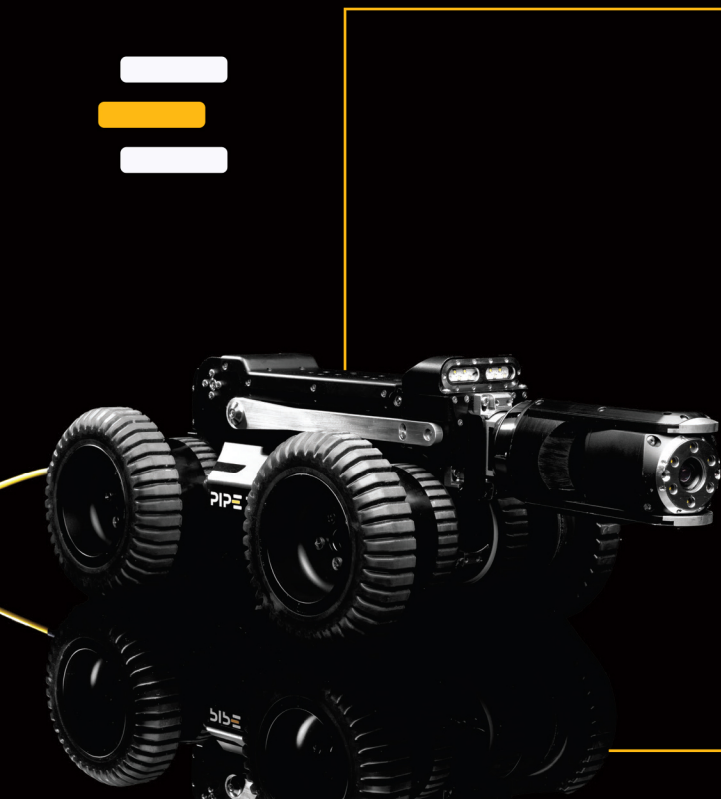
Dan Carder, City of Hot Springs



Every time we have called, the customer support has been top notch. I have never seen the customer support like this company. The absolute best. If they don't answer, they call back in just a few minutes. I would easily purchase from this company again, just for the customer support alone.

Raymond Stover, PWS





## What's Included



PTZ HD Camera



Weatherproof Controller



Motorized Arm



3 Rubber Wheel Kits



512Hz Sonde



Floodlights & Laser Scaler



200m Tether



2 Pelican Cases

## Optional Add Ons



Automatic Reel



Up to 310m Tether



Rear Camera



Pneumatic Tires



Tablet Style Controller

Contact us for additional add on capabilities.

# Technical Specifications

## Dimensions (Smallest and Largest Configuration)

Width: 6" (150mm) - 12.2" (310mm)  
 Height: 5.5" (140mm) - 20.6" (523mm)  
 Length: 28.2" (716mm) - 29.5" (749mm)  
 Weight (in air): Up to 64.6 lbs (29.2 kg)  
 Materials: Stainless Steel, Machined Aluminum, Sapphire Lens Cover  
 Depth Rating: 50m (164') Water Depth  
 Minimum Diameter: 8" (200mm)  
 Maximum Diameter (w/ Camera Head Centered): 36" (900mm)  
 Operating Temperature: -5°C to 40°C (23°F to 104°F)  
 Speed: Up to 12m/min  
 Warranty: 1 Year - Parts and Labor (optional 2-3 years)  
 Sensors: Incline, Roll, Leak, Pan/Tilt, Distance Counter  
 Transmitter: Sonde  
 Deployment: Lift brackets on side, lift points at front and back

## Crawler Electrical System Specifications

System Voltage: 19.2 VDC, LiFe 6000 mAh  
 Battery Run Time: Up to 5 Hours  
 Hybrid Power Option Available (operate continuously)  
 Hybrid Power: 75 VDC on Tether via AC input through Automatic Reel  
 Drives: Magnetically Coupled, 2 x DC Gear Motors with Gear Train  
 Steering: Skid Style  
 Pull Force: 130 lbs (580 N)  
 2-3 Spare Ethernet Ports

## Tether Specifications

Max Length Available: 310m (1,100')  
 Diameter: 6.5mm  
 Break Strength: 1600 lbs (725 kg)  
 Conductors: 1 Twisted Pair, Copper  
 Termination: Epoxy, with Strain Relief  
 Jacket Material: Polyurethane

## Camera Specifications

Resolution: 1080p / 8MP  
 Pan: 360 Degrees Continuous  
 Tilt: +/- 140 Degrees (280 Degrees Total)  
 Zoom: 10x Optical, 120x Digital  
 Focus: Auto or Manual  
 Exposure: Auto or Manual  
 Lights: 900 Lumens; Auxiliary: 1500 Lumens

## Controller Specifications

Weatherproof, Splashproof  
 Display: 7" LCD  
 Joysticks: Hall Effect  
 Outputs: HDMI, Ethernet, USB, SD  
 Battery Life: Up to 5 Hours / Charge during operation for continuous  
 Software: Bridge, WinCan or other software optional integrations