

# DT300 SERIES PIPE CRAWLERS

Fully submersible, battery operated pipe crawlers, built for municipal pipe inspections from 6" (150mm) to 36" (900mm) in diameter.



 DEEP TREKKER™



## PORTABLE AND COMPACT CCTV

Inspect small and large diameter pipes off the same controller and reel with the DT320 and DT340 crawlers in one package. Built for municipal pipe inspections as small as 6" in diameter and centering up to a 36" pipe, these pipe crawlers are fully submersible and battery operated; removing the need for a CCTV Truck, generator or onsite power supply.



50m (164ft)  
depth rating



Up to 8-hour  
battery operation



Steerable



Expeditionary  
transport cases



### Software integrations

Compatible with most sewer inspection software.



### Pan & Tilt HD Camera

Easily view your entire pipe system with this pan, tilt and zoom camera and sapphire glass lens.



### Wheel and track options

Interchange various wheel and track options to inspect different pipe materials.

## ONE CONTROLLER, TWO CRAWLERS

Pipe inspections made easy. Operate the DT320 and the DT340 with its splash-proof controller. The easy to use control system reduces the learning curve for beginner operators.

Record your own video inspections or integrate with reporting software using the crawler's standard video out port.



Splash-proof  
handheld controller



Record video  
inspections with  
voice over via DVR



## DURABLE CONSTRUCTION

Designed to support tough jobs, both the DT320 Mini and the DT340 are constructed with anodized die-cast aluminum, stainless steel and a sapphire glass camera lens. They are built to withstand the daily grind of sewer and stormwater pipe inspections.



Sapphire glass camera lens cover



Cast aluminum and stainless steel frame



Clean sheet engineering



Skid-steer

The full DT300 Package comes complete in 3 compact wheeled Pelican cases. Deployable without the need for generators or onsite power supply. The magnetically coupled wheel drivers requires zero maintenance; no need to replace or grease.

## DT300 PACKAGE | FULLY LOADED

This fully loaded kit gives you all the options available from Deep Trekker for pipe inspections. Take on any material with the various wheel kits and track sets included and enhanced tether management with the powered reel.



Magnetically Coupled Drive



DT340 with Tracks



400M Power Reel



Pant Tilt Camera



One Controller



DT320

## SCALABLE DESIGN AND ASSORTED WHEEL OPTIONS

The DT320 and DT340 can be equipped with various wheel and track options, allowing you to ensure proper inspection in various pipe diameters and materials.



Interchange between rubber and carbide wheels in various sizes



Install self-cleaning tracks on the DT340 over the wheels for multi-terrain capabilities

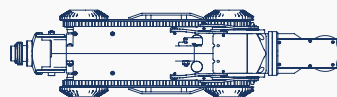
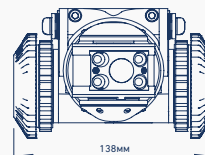
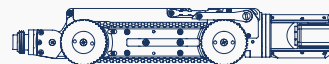


# GENERAL SPECIFICATIONS

## DT320

### Crawler General Specs

Width :	123 MM (5")
Height :	87 MM (4")
Length :	440 MM - 630 MM (17" - 25")
Weight (in air) :	11 KG (25 LB) - 16 KG (35 LB)
Material :	Stainless Steel Aluminum, High Strength Sapphire
Depth Rating :	50 M (164 FT)
Viewing Capability:	Pipelines 150mm (6") Diameter to 300mm (12") Center
Camera :	700 TVL 0.0001 lux
Operating Temp :	-5°C to 40°C (23°F - 104°F)
Speed:	12m / minute
Cases :	1 Custom Pelican Air Handle and Wheels
Warranty :	1 Year - Parts and Labor (optional 2-3 yrs)



### Crawler Electrical System

System Voltage :	19.2 VDC
Battery Run Time :	Up to 5 Hours
Sensors :	Incline, Roll, Leak, Camera Pan/Tilt

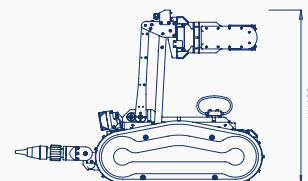
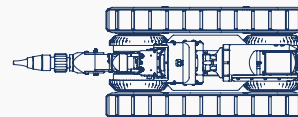
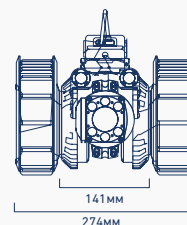
Deep Trekker reserves the right to amend these specifications at any time without notice.

# GENERAL SPECIFICATIONS

## DT340

### Crawler General Specs

Width :	141 MM (5.55")
Height :	151 MM (5.96")
Length :	710 MM (27.95")
Weight (in air) :	16.6 KG (36.59 LB)
Material :	Stainless Steel Aluminum, High Strength Sapphire
Depth Rating :	50 M (164 FT)
Viewing Capability:	Pipelines 200mm (8") Diameter to 900mm (36") Center
Camera :	700 TVL 1.0 lux, 10x Optical Zoom, 12x Digital Zoom
Operating Temp :	-5°C to 40°C (23°F - 104°F)
Speed:	12m / minute
Cases :	2 Custom Pelican Air 1637 Handle and Wheels
Warranty :	1 Year - Parts and Labor (optional 2-3 yrs)



### Crawler Electrical System

System Voltage :	19.2 VDC
Battery Run Time :	Up to 8 Hours
Sensors :	Incline, Roll, Leak, Camera Pan/Tilt

Deep Trekker reserves the right to amend these specifications at any time without notice.

<b>7" LCD Controller</b>	✓	✓	✓	✓	✓	✓
<b>Fixed Camera</b>	✓	-	-	-	-	-
<b>PTZ Camera</b> pan (360°), tilt (280°), zoom	-	✓	✓	✓	-	-
<b>Pan Tilt Camera</b> pan (360°), tilt (280°)	-	-	-	✓	✓	✓
<b>50M Depth Rating</b>	✓	✓	✓	✓	✓	✓
<b>Tether Length</b>	200M	200M	400M	400M	200M	200M
<b>Counter Reel</b>	✓	✓	-	-	✓	-
<b>Power Reel</b>	-	-	✓	✓	-	✓
<b>Sensor Pack</b> incline, roll, leak, camera pan/tilt	✓	✓	✓	✓	✓	✓
<b>Robotic Elevating Arm</b>	-	✓	✓	✓	-	-
<b>Manual Elevating Arm</b>	-	-	-	✓	✓	✓
<b>Lifting Kit</b>	✓	✓	✓	✓	✓	✓
<b>Sonde</b>	-	-	✓	✓	-	-
<b>Software Integration</b>	✓	✓	✓	✓	✓	✓
<b>DVR</b> digital video recorder	✓	✓	✓	✓	✓	✓
<b>Main Camera Lights</b>	✓	✓	✓	✓	✓	✓
<b>Additional Auxillary Lighting</b>	-	✓	✓	✓	-	-
<b>Tracks and Spacer Kit</b>	-	-	-	✓	-	-
<b>Carrying Case</b>	✓	✓	✓	✓	✓	✓
<b>Fully Assembled and Tested</b>	✓	✓	✓	✓	✓	✓
<b>Warranty</b>	One Year	One Year	One Year	One Year	One Year	One Year

### EXTRA ADD-ONS

GIS Integration  
WinCan VX-Lite  
Wheels and Tracks

Additional Cameras  
Additional Lighting  
Custom Tether Lengths

Service Kits  
Operational Enhancements  
Application Based Tools

## UNDERWATER REMOTELY OPERATED VEHICLES & ROBOTS

With over a decade of proven performance, Canadian company, Deep Trekker, is one of the largest underwater ROV manufacturers in the world – delivering high quality, robust and portable underwater robots to industries ranging from aquaculture to municipal contracting, military and defense, search and rescue, shipping, infrastructure and more.

### Head office

830 Trillium Dr  
Kitchener, ON  
Canada

DT300\_ENG\_0121\_03

### Chile Office

Ruta 5 Sur KM 1025 Bodega 5  
(Megacentro1)  
Puerto Montt, Los Lagos, Chile



[deeptrekker.com](http://deeptrekker.com)  
[sales@deeptrekker.com](mailto:sales@deeptrekker.com)