

DEEP TREKKER PRODUCT CATALOGUE

Solving harsh environment situations with fully assembled, tested and ready to use remotely operated vehicles and submersible robots.

Head office

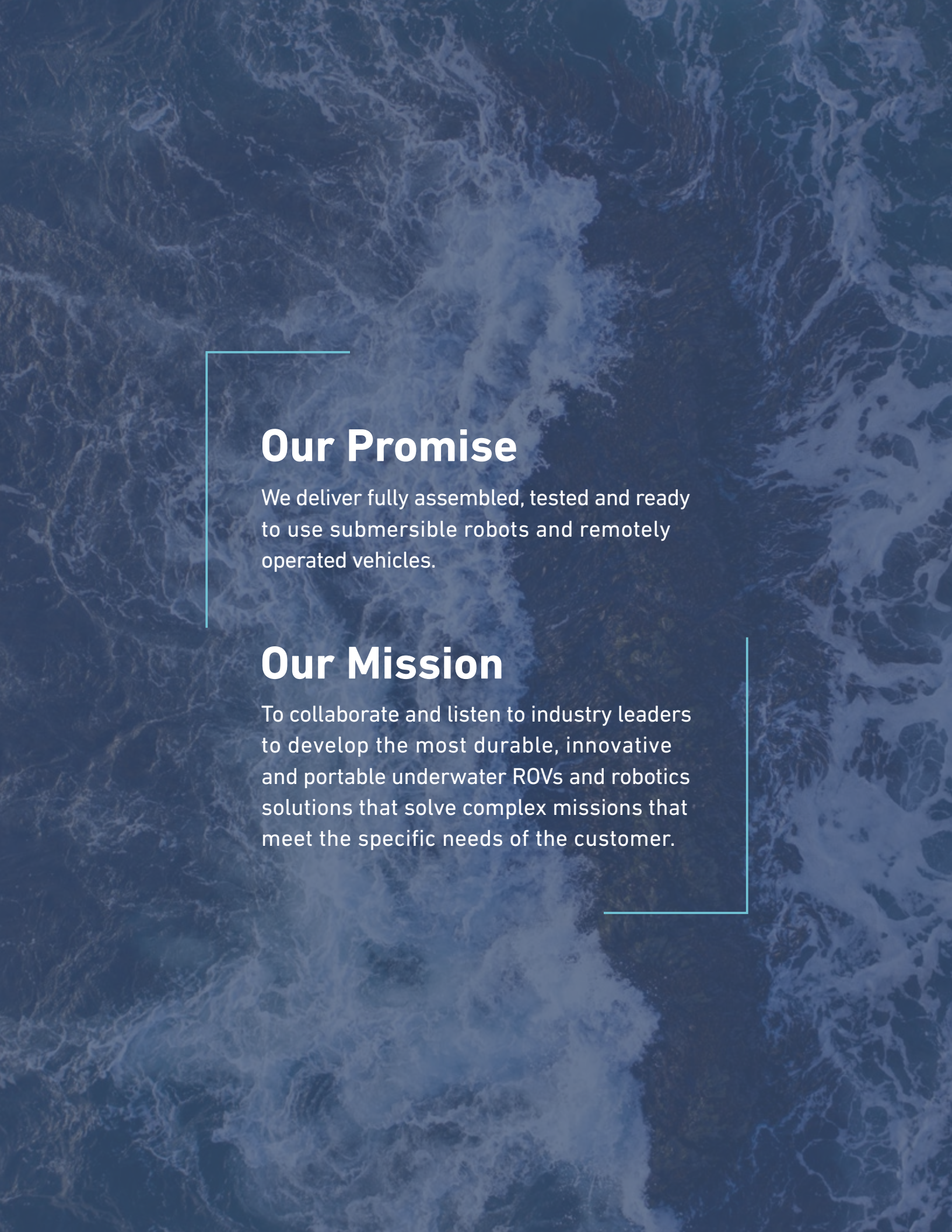
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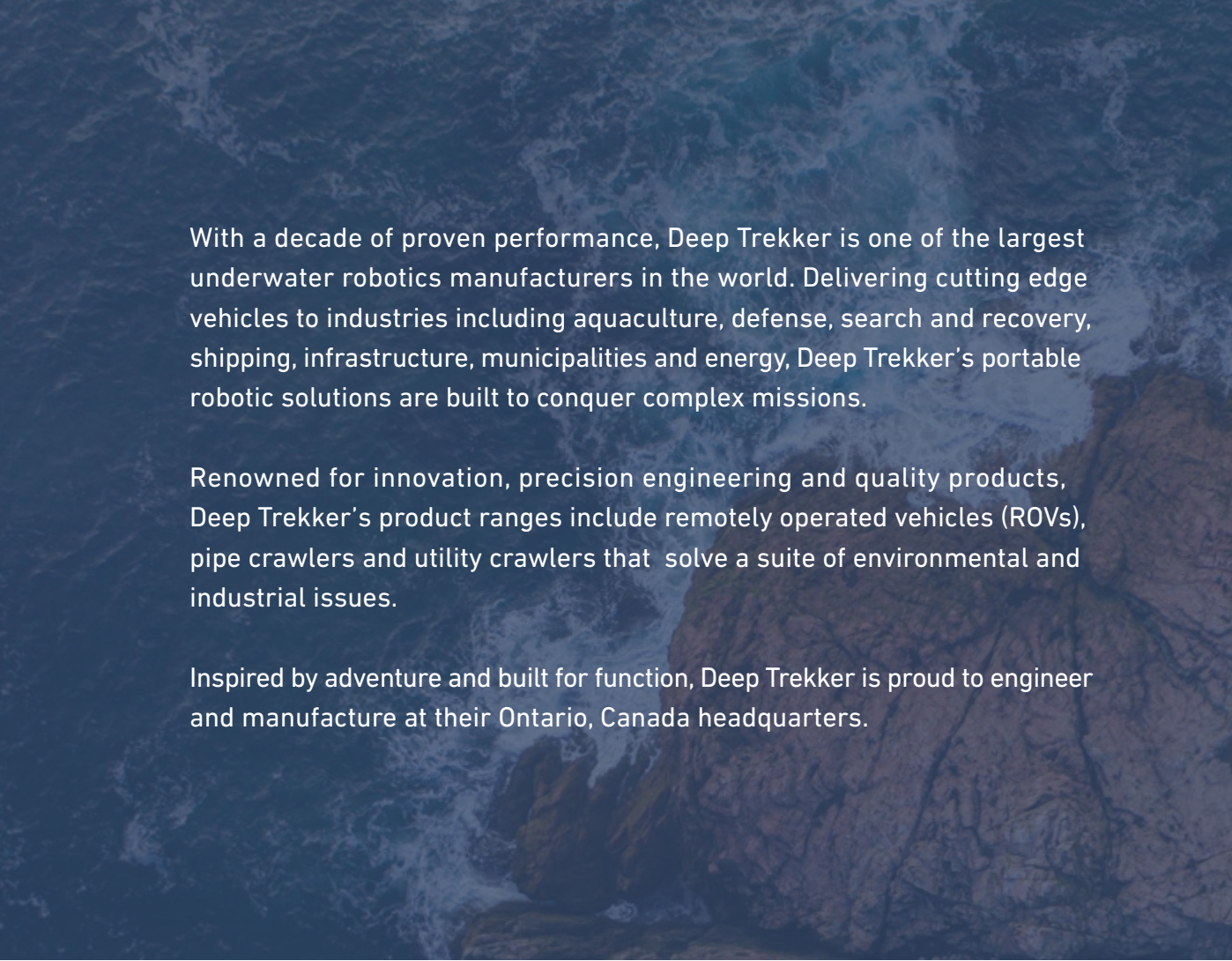


Our Promise

We deliver fully assembled, tested and ready to use submersible robots and remotely operated vehicles.

Our Mission

To collaborate and listen to industry leaders to develop the most durable, innovative and portable underwater ROVs and robotics solutions that solve complex missions that meet the specific needs of the customer.



With a decade of proven performance, Deep Trekker is one of the largest underwater robotics manufacturers in the world. Delivering cutting edge vehicles to industries including aquaculture, defense, search and recovery, shipping, infrastructure, municipalities and energy, Deep Trekker's portable robotic solutions are built to conquer complex missions.

Renowned for innovation, precision engineering and quality products, Deep Trekker's product ranges include remotely operated vehicles (ROVs), pipe crawlers and utility crawlers that solve a suite of environmental and industrial issues.

Inspired by adventure and built for function, Deep Trekker is proud to engineer and manufacture at their Ontario, Canada headquarters.

THE DEEP TREKKER DIFFERENCE



Easy to Use

Designed with the operator in mind. All in one handheld controller and intuitive piloting system.



Portable

Battery power operation provides a truly portable solution. Freedom to move and deploy without the need for topside power.



Durable

Built to last and designed to safely conduct underwater inspections in harsh environments.



Affordable

Innovative solutions for applications big and small. Suitable for all budgets.

TABLE OF CONTENTS



DTG3

REMOTELY OPERATED VEHICLE [ROV]

Intelligence and advanced capabilities make this portable, commercial-grade remotely operated vehicle the best in its class.



 DEEP TREKKER™



MEET THE DTG3 ROV

The DTG3 is a mini observation-class underwater ROV built to provide operators the ability to quickly deploy and visually inspect underwater environments within minutes.



200m (656ft)
depth rating



Up to 8-hour
battery operation



HD camera



Expeditionary
transport case



Complete portability

Quickly deploy this ROV with one case and a self-contained battery operated system.



Unmatched maneuverability

The patented pitch system gives the pilot ultimate control.



Powered by BRIDGE

Enhanced operation capabilities with a seamless technology platform.

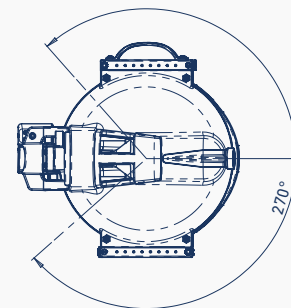
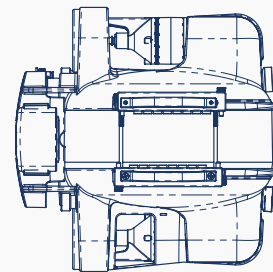
GENERAL SPECIFICATIONS

ROV General Specs

Width :	325 MM (12.8")
Height :	258 MM (10.2")
Length :	279 MM (11.0")
Weight (in air) :	8.5 KG (18.7 LB)
Body Material :	Die Cast Aluminum
Window Material :	Acrylic
Depth Rating :	200 M (656 FT)
Operating Temp :	-10°C to 50°C (14°F – 122°F)
Case (optional) :	Custom Pelican Air 1637 Handle and Wheels
Drives/Thruster:	Magnetically Coupled/Sealed
Warranty :	1 Year – Parts and Labor (optional 2-3 yrs)

ROV Electrical System

System Voltage :	19.2 VDC
Battery Run Time :	Up to 8 Hours (Hybrid power capable)
Thruster Control :	Independent Infinitely Variable 100% Reversible



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

FULL HD VIDEO RECORDING

The HD internal camera is easy to use, with live zero latency viewing on the handheld controller and a 270-degree rotating field of view. Switch to photo mode to snap photos up to 8 megapixels. Record inspections and underwater operations directly to the handheld controller.

The patented pivoting technology brings the ability to adjust the angle of your camera, lights and laser scaler 270-degrees above and below the unit while holding its position in the water. An enhanced viewing and recording experience provide smarter inspections with its live, full HD video and weatherproof, handheld controller.

DTG3 NAVIGATOR PACKAGE | A SURVEYORS DREAM

An added precision thruster and advanced USBL positioning system make the Navigator Package an extremely advanced and maneuverable ROV with the same portability and durability Deep Trekker pilots are accustomed to.

The precision thruster at the rear of the vehicle enables users to move up and down without utilizing the pitch function. With the precision thruster engaged, pilots can make depth changes without any rotation of the ROV, making it ideal for the trickiest of observation needs. The ultra short baseline (USBL) system uses triangulation to indicate the position of the ROV. Wifi enabled maps allow you to see where both the controller and the ROV are located on a detailed map.

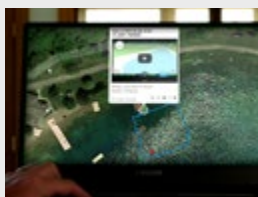
VEHICLE COMPONENTS



DTG3 Navigator Package



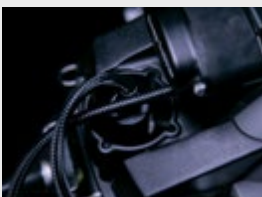
Imaging Sonar



Post-Dive Logging



Grabber Arm



Precision Thruster



USBL Positioning

POWERED BY BRIDGE TECHNOLOGY

An intelligent, technology platform from Deep Trekker. An operating system designed with custom hardware and software; for control, integration, communication and enhanced operation.

Enable the ability to fuse all sensor data into one handheld, weatherproof controller. See positional data, direct imaging sonar feed and more - all alongside the ROV live video feed.



Simplified control



Seamless integrations



Constant communication



Enhanced operations

7" LCD Controller	✓	✓	✓	✓
FULL HD Low Light Camera	✓	✓	✓	✓
270° Total Range	✓	✓	✓	✓
200M Depth Rating	✓	✓	✓	✓
Starting Tether Length	50M	75M	100M	200M
Tether Reel	-	✓	✓	✓
Grabber Arm	-	-	✓	✓
Laser Scaler	-	-	✓	✓
Sensor Pack	-	✓	✓	✓
Altitude Sensor	-	-	-	✓
Lighting	✓	✓	✓	✓
Microphone	-	-	✓	✓
USBL Positioning	-	-	-	✓
Precision Thruster	-	-	-	✓
Hybrid Power	✓	✓	✓	✓
Carrying Case	-	✓	✓	✓
Fully Assembled and Tested	✓	✓	✓	✓
Warranty	One Year	One Year	One Year	One Year
Online Training	-	✓	✓	✓

EXTRA ADD-ONS

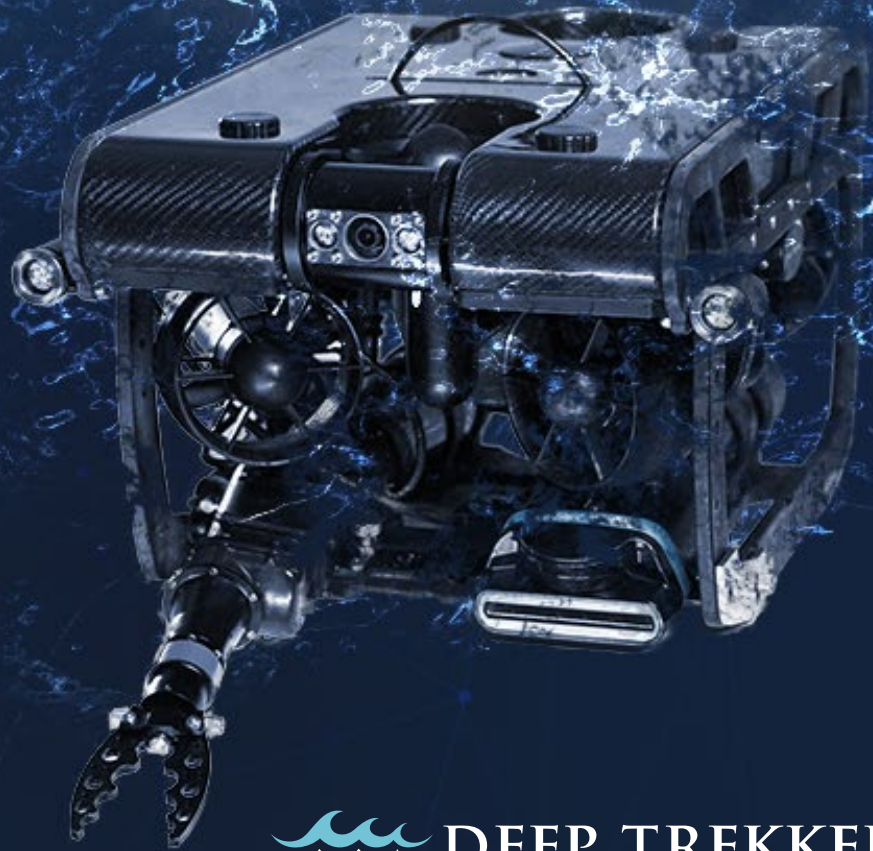
Imaging Sonar
Mechanical Sonar
USBL
Cygnus Thickness Gauge
NDT Tools
Grabbers and Manipulators

Sediment Samplers
Water Samplers
Additional Cameras
Additional Lighting
Custom Tether Lengths
Net Patch Kit

Mort Pusher Kit
Cutter Attachment
Service Kits
Operational Enhancements
Application Based Tools

PIVOT **REMOTELY OPERATED** **VEHICLE [ROV]**

The perfect balance between size and power.
Providing enhanced stability, greater power,
speed and control in a portable package.



 **DEEP TREKKER™**

PORTABILITY MEETS POWER

The Deep Trekker PIVOT, portability meets unmatched power. Equipped with 6 strong thrusters powered by lithium batteries, the PIVOT provides users with stability, power, speed and control in a portable package.



305m (1000ft)
depth rating



Up to 3-hour
battery operation



HD rotating
camera head



Modular for 3rd
party add-ons



Rotating tool platform

Independently revolve 97-degrees for manipulator, sonar and more.



Field swap batteries

Quick-change batteries in the field for extended missions.



Autonomous capabilities

Seamlessly fusing all sensor data for autonomous control.

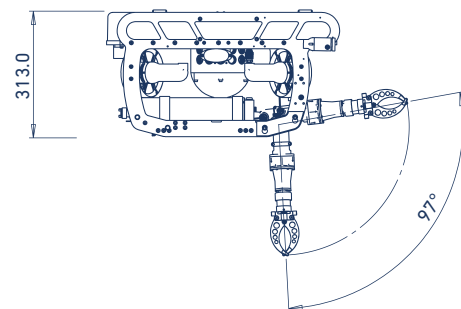
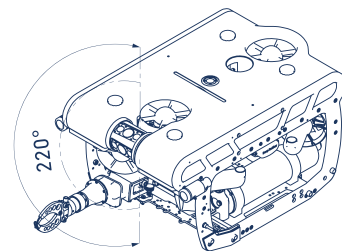
GENERAL SPECIFICATIONS

ROV General Specs

Width :	360 MM (14.2")
Height :	310 MM (12.2")
Length :	576 MM (22.7")
Weight (in air) :	16.8 KG (37 LB)
Body Material :	Anodized Machined Aluminum, Carbon Fiber, & Stainless Steel Buoyancy Foam
Window Material :	Sapphire & Acrylic
Depth Rating :	305 M (1000 FT)
Operating Temp :	-10°C to 50°C (14°F – 122°F)
Case:	Custom Pelican Air 1650 & 1560 Handle and Wheels
Drives/Thruster:	Magnetically Coupled/Sealed
Warranty :	1 Year – Parts and Labor (optional 2-3 yrs)

ROV Electrical System

System Voltage :	19.6 VDC
Battery Run Time :	Up to 3 Hours (30-sec Battery Change)
Battery Recharge :	1.5 Hours
Thruster Control :	6x Independent Control
	Infinitely Variable
	100% Reversible



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

COMBINING FLEXIBILITY, STABILITY AND INTELLIGENT FEATURES FOR UNMATCHED FREEDOM

97-degree rotating tool positioning provides pilots with flexible imaging options and convenient tool manipulation from a stable platform - allowing for jobs to be completed quickly and conveniently. The 220-degree range of motion on the HD camera allows users to complete inspections in a timely, straightforward manner.

- The expandable tool platform allows for numerous modular options for adaptability and customization.
- In addition to being flexible and adaptable, the PIVOT is easy to use allowing operators to be trained quickly.
- The ideal combination of stability and flexibility lets users keep their platform in the most stable position for imaging options.

OUT-OF-BOX READY

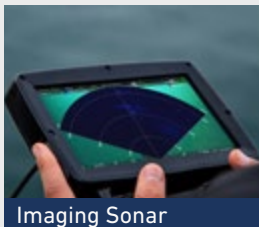
Fully assembled and tested, operators can depend on their PIVOT to work right out of the box no matter what the mission.

- Carbon fiber and aluminum durability make the PIVOT a tough and reliable vehicle. Providing years of service - saving time and money long term.
- Magnetically coupled thrusters, stainless steel components and sapphire lens cover paired with intelligent design ensures that operators can trust their vehicle to get the job done.
- With the support of the Deep Trekker team behind every vehicle, users can expect exceptional customer service.

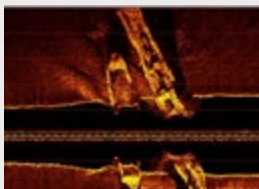
VEHICLE COMPONENTS & OPTIONAL ADD-ONS



Independent Pivoting Tool Skid



Imaging Sonar



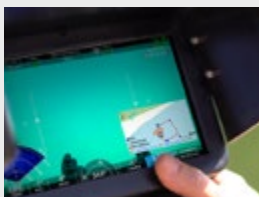
Side Scan Sonar



6-Thruster Stability



Future Autonomy



USBL Positioning

POWERED BY BRIDGE TECHNOLOGY

An intelligent, technology platform from Deep Trekker. An operating system designed with custom hardware and software; for control, integration, communication and enhanced operation.

Enable the ability to fuse all sensor data into one handheld, weatherproof controller. See positional data, direct imaging sonar feed and more - all alongside the ROV live video feed.



Simplified control



Seamless integrations



Constant communication



Enhanced operations

HD Rotating Camera Head	✓	✓	✓
7" LCD Controller	✓	✓	✓
300M Depth Rating	✓	✓	✓
Tether Length	100M	150M	300M
Tether Reel	✓	✓	✓
Tool Platform	-	✓	✓
Spare Batteries	-	✓	✓
Sensor Pack	✓	✓	✓
Carrying Cases	✓	✓	✓
Microphone	✓	✓	✓
Lighting	✓	✓	✓
Additional Lighting	-	✓	✓
Grabber	-	✓	✓
Fully Assembled and Test	✓	✓	✓
Warranty	One Year	One Year	Two Years
Online Training	-	✓	✓
USBL Positioning	-	-	✓
DVL	-	-	✓
Field Service Kit	-	-	✓

EXTRA ADD-ONS

Imaging Sonar
Mechanical Sonar
USBL
DVL
Side Scan
Water Quality Sensors

NDT Tools
Grabbers and Manipulators
Sediment Samplers
Water Samplers
Additional Cameras
Additional Lighting

Custom Tether Lengths
Service Kits
Operational Enhancements
Application Based Tools

REVOLUTION **REMOTELY OPERATED** **VEHICLE [ROV]**

Mission-ready remotely operated vehicle with greater payload capabilities, deeper depths, and advanced stabilization.



 **DEEP TREKKER™**

JOIN THE REVOLUTION ROV

The REVOLUTION is the most intuitive and stable ROV for underwater surveys and inspections. Built tough to survive harsh underwater conditions to accomplish complex missions.



305m (1000ft)
depth rating



Up to 6-hour
battery operation



HD camera



Expeditionary
transport case



Revolving camera head

Change the orientation
of your camera, sonar,
grabber and more.



Field swap batteries

Quick-change
batteries in the field
for extended missions.



Autonomous capabilities

Seamlessly fusing
all sensor data for
autonomous control.

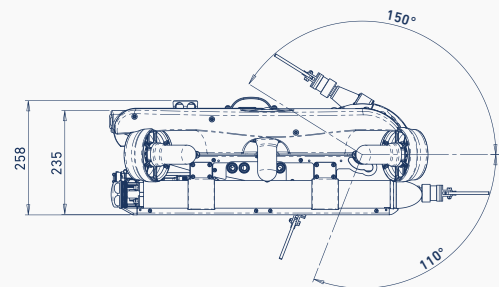
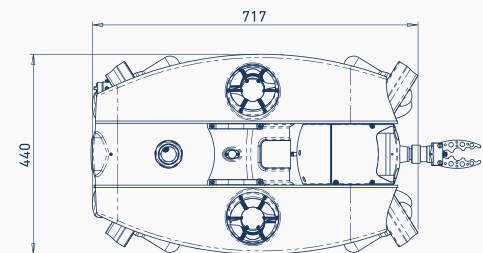
GENERAL SPECIFICATIONS

ROV General Specs

Width :	440 MM (17.3")
Height :	235 MM (9.3")
Length :	717 MM (28.2")
Weight (in air) :	26 KG (57 LB)
Body Material :	Anodized Machined Aluminum, Carbon Fiber, Stainless Steel, & Buoyancy Foam
Window Material :	Sapphire & Acrylic
Depth Rating :	305 M (1000 FT)
Operating Temp :	-10°C to 50°C (14°F – 122°F)
Case (optional) :	Custom Pelican Air 1650 Handle and Wheels
Drives/Thruster:	Magnetically Coupled/Sealed
Warranty :	1 Year – Parts and Labor (optional 2-3 yrs)

ROV Electrical System

System Voltage :	19.2 VDC
Battery Run Time :	3 to 6 Hours (30-sec Battery Change)
Thruster Control :	6x Independent Control Infinitely Variable 100% Reversible



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

REVOLUTIONARY REVOLVING CAMERA HEAD

The defining feature is the 260-degree revolving head at the front of the vehicle. In the center of this head is the ultra high definition camera that you see the view from on your controller, as well as powerful LED floodlights and a laser scaler.

Adjust the angle of your camera, lights, laser scaler, imaging sonar and grabber to ensure optimal position for your application, such as sweeping an area with the imaging sonar in a search mission or looking above at the hull of a ship or to locate targets on the seafloor.

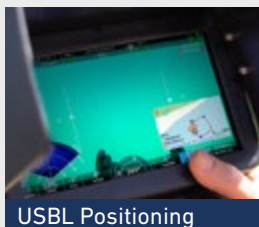
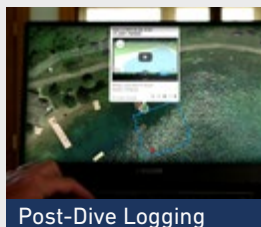
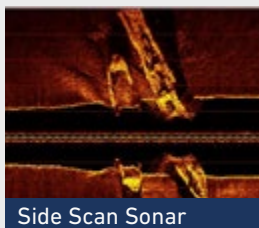
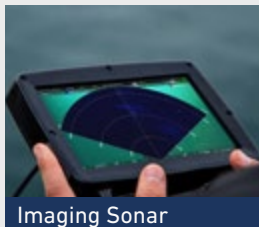
ADVANCED STABILITY AND AUTONOMOUS CAPABILITIES

The ROV is propelled by six powerful thrusters, two of which are vertically mounted for precise vertical movements and depth holding, four of the thrusters are mounted horizontally and in a vectored configuration to allow for lateral movements.

The REVOLUTION NAV package has advanced autonomous stabilization and position tracking features, allowing operators the ability to station hold against currents and pilot their vehicle precisely and accurately through varying water conditions.

Post-dive, take your recorded GPX data alongside your video and share them with your customer or team.

VEHICLE COMPONENTS



POWERED BY BRIDGE TECHNOLOGY

An intelligent, technology platform from Deep Trekker. An operating system designed with custom hardware and software for control, integration, communication and enhanced operation.

Enable the ability to fuse all sensor data into one handheld, weatherproof controller. See positional data, direct imaging sonar feed and more - all alongside the ROV live video feed.



Simplified control



Seamless integrations



Constant communication



Enhanced operations

Rotating Camera Head	✓	✓
7" LCD Controller	✓	✓
FULL HD Camera	✓	✓
300M Depth Rating	✓	✓
300M Tether	✓	✓
Tether Reel	✓	✓
Grabber Arm	✓	✓
Laser Scaler	✓	✓
Sensor Pack	✓	✓
Microphone	✓	✓
Lighting	✓	✓
2 Sets of Batteries	✓	✓
2 Carrying Cases	✓	✓
Fully Assembled and Tested	✓	✓
Warranty	One Year	Two Years
Online Training	✓	✓
USBL Positioning	-	✓
DVL	-	✓
Field Service Kit	-	✓

EXTRA ADD-ONS

Imaging Sonar	NDT Tools	Custom Tether Lengths
Mechanical Sonar	Grabbers and Manipulators	Cases
USBL	Sediment Samplers	Service Kits
DVL	Water Samplers	Operational Enhancements
Side Scan	Additional Cameras	Application Based Tools
Water Quality Sensors	Additional Lighting	

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 annodized 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

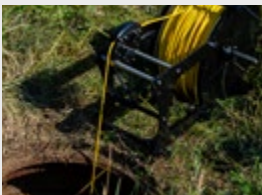
This fully loaded kit gives you all the options available from Deep Trekker for pipe inspections. Take on any material with the various wheel kits and track sets included and enhanced tether management with the powered reel.



Magnetically Coupled Drive



DT340 with Tracks



400M Power Reel



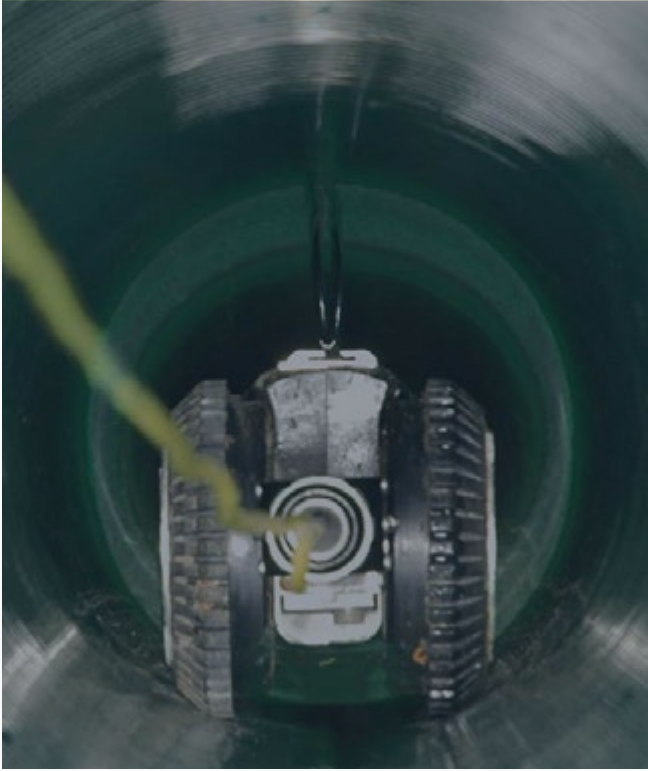
Pant Tilt Camera



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

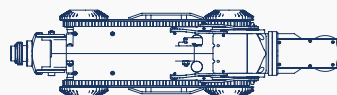
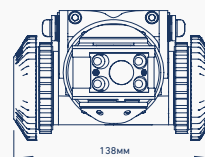
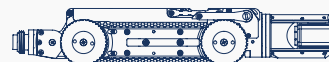


GENERAL SPECIFICATIONS

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

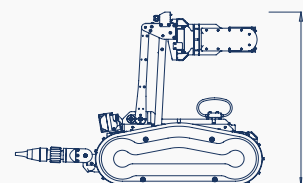
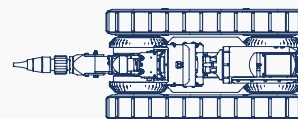
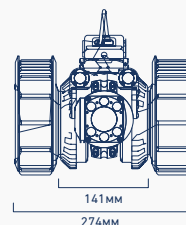
Deep Trekker reserves the right to amend these specifications at any time without notice.

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.

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

DT640 UTILITY CRAWLER

Fully submersible, battery operated, versatile magnetic or rubber wheeled utility robot.



 DEEP TREKKER™

DT640 MAG

PATENTED MAGNETIC WHEELS

The DT640 MAG provides a safe and efficient alternative to ship hull and steel structure inspections. Earth magnets allow the utility crawler to move in any direction on ferrous material.



50m (164ft)
depth rating



Up to 8-hour
battery operation



Portable



Modular design



360° turn radius

Get an instant visual on hard to reach and impossible to access environments.



Advanced sonar integrations

Identify targets of interest or obstructions within minutes, even in turbid or murky water.



Magnetic wheels

Rare earth magnets allow for travel in any direction on any ferrous metal surface.

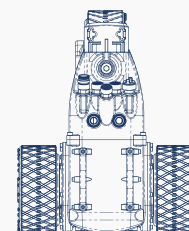
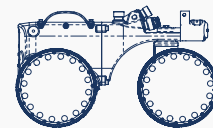
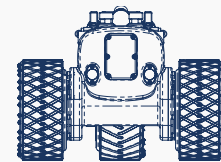
GENERAL SPECIFICATIONS

Crawler General Specs

Width :	406 MM (13")
Height :	228 MM (9")
Length :	710 MM (27.95")
Weight (in air) :	16.6 KG (36.59 LB)
Material :	Stainless Steel, Aluminum, High Strength Acrylic
Depth Rating :	50 M (164 FT)
Wheels :	Patented Magnetic 2WD
Camera :	700 TVL 0.0001 lux
Operating Temp :	-5°C to 40°C (23°F – 104°F)
Speed :	12m / minute
Turn Radius :	0 mm (0")
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.

RAPID RESPONSE VISUAL INSPECTION

The DT640 MAG provides a safe and efficient alternative to ship hull and steel structure inspections. Its onboard HD camera and live-video feed provides operators with instant visual inspections in hard to reach and often impossible to access environments.



HD camera and live-video feed



Stainless steel, aluminum, high strength acrylic frame



Modular design



Extreme durability



CYGNUS THICKNESS GAUGE KIT

This ultrasonic thickness probe presses on the surface, taking an accurate measurement, even through marine growth or coatings. This is a great tool for corrosion surveys for UWILDs on FPSOs or Vessels, as well as for steel tanks and pipes and other surfaces.



Cygnus Thickness Gauge



Easy controls



Pressure Washer

PRESSURE WASHER ADD-ON

Want to use your magnetic crawler to clean off debris and marine growth? Attach the pressure washer kit to the DT640 MAG for cleaning and clearing areas from hulls, pipes and cargo holds, allowing for proper inspections and longevity.



ADVANCED SONAR INTEGRATION



0.1m to 120m range



Single and Dual frequency options available

Hull inspections made easy. Even in murky or turbid water, get the full picture of under a vessel's hull with an imaging sonar attachment for the DT640 MAG.

Identify targets of interest or obstructions attached to the hull within minutes.

DT640 VAC

PORTABLE VACUUM ROBOT

Built for cleaning sediment and sludge from the bottoms of reservoirs and tanks, the DT640 VAC is an easier, safer and more cost effective alternative to draining assets or utilizing divers for cleaning.



50m (164ft)
depth rating



Up to 8-hour
battery operation



Portable



Extremely durable



360° turn radius

Get an instant visual on hard to reach and impossible to access environments.



Vacuum head options

Various vacuum head options available from 14" single intake to 24" dual intake.



Low maintenance

Compact easy to use design for frequent and safe inspections and cleaning.

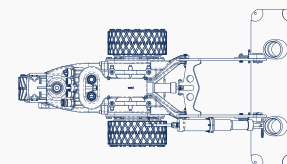
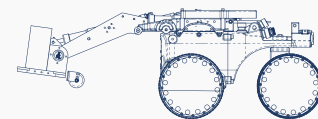
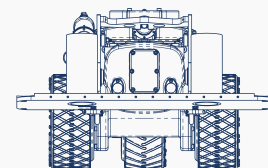
GENERAL SPECIFICATIONS

Crawler General Specs

Width :	406 mm (13")
Height :	228 mm (9")
Length :	710 mm (27.95")
Weight (in air) :	15 kg (34 LB)
Material :	Stainless Steel, Aluminum, High Strength Acrylic
Depth Rating :	50 m (164 FT)
Wheels :	Rubber 2WD
Camera :	700 TVL 0.0001 lux
Operating Temp :	-5°C to 40°C (23°F – 104°F)
Speed :	12m / minute
Turn Radius :	0 mm (0")
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.

KEEP SERVICES ONLINE

Conduct tank cleaning with the DT640 VAC without interrupting service. Avoid the dangers of having divers in the water and pump sediment from water tanks using the Deep Trekker robotic vacuum system.

NO NEED TO DEWATER TANKS

Draining tanks can be costly and time-consuming with services often offline for weeks at a time. The DT640 VAC is completely submersible and can be decontaminated prior to entering water tanks.



DT640 MAX | TOUGH JOBS WITH EASE

Built for cleaning sediment and sludge from the bottoms of reservoirs and tanks, the DT640 MAX is an easier, safer and more cost effective alternative to draining assets or utilizing divers for cleaning. The big brother to the DT640 Utility Crawler, the DT640 MAX covers more ground and moves twice as fast to tackle the biggest of jobs. Perfect for reservoirs, the DT640 MAX readily handles sediment and mud.



36" vacuum head



Tilt vacuum head
40 degrees



Pan/tilt/zoom elevated
camera



650 lumen LED
floodlights

Users can upgrade their current DT640 into the DT640 MAX in minimal time.



Raise and lower vacuum head 40 degrees



Pan/tilt/zoom camera

Hose connector



EASY TO USE CONTROLLER



Splash-proof
handheld controller



Record video
inspections with
voice over via DVR

Tank inspections and cleaning made easy. Operate the DT640 with its splash-proof controller. The easy to use control system reduces the learning curve for beginner operators.

Record your own video inspections and provide operators with instant visuals.

5.6" LCD Controller	✓	✓	✓	✓
Forward Facing Body Camera	✓	✓	✓	✓
PT Elevated Camera pan (360)° and tilt (280°)	-	-	✓	✓
50M Depth Rating	✓	✓	✓	✓
Tether Length	75M	75M	75M	75M
Tether Reel	✓	✓	✓	✓
Sensor Pack incline, roll, leak, camera pan/tilt	✓	✓	✓	✓
Magnetic Wheels	-	✓	-	-
Rubber Wheels	✓	-	✓	✓
LED Lights	✓	✓	✓	✓
Software Integration	✓	✓	✓	✓
18" Dual 2" Intake Vacuum	-	-	✓	-
36" Quad 2" Intake Vacuum	-	-	-	✓
Electric Arch Kit	-	-	✓	✓
Dual Connection Kit	-	-	✓	-
Quad Connection Kit	-	-	-	✓
Carrying Cases	✓	✓	✓	✓
Fully Assembled and Tested	✓	✓	✓	✓
Warranty	One Year	One Year	One Year	One Year

EXTRA ADD-ONS

Pressure Washer Kit
Dozer Kit
Cygnus Gauge Kit

14" Single 1.5" Intake Vacuum
24" Dual 2" Intake Vacuum
DVR (Digital Video Recorder)

Service Kits
External Floodlights
Sonar

A BRIEF HISTORY

INNOVATIVE ROBOTIC SOLUTIONS

Development



Patents awarded to
Deep Trekker Inc.

2010

2011

First international
sales of DTG2



Expansion



Introduction to
Ultrasonic Thickness
Gauge attachment

2014

2017

Introduction to DT640
Magnetic Crawler



Product Expansion



Introduction to
BRIDGE technology for
DTG3 and REVOLUTION

2019

2020

Introduction to
REVOLUTION NAV package



Introduction to
PIVOT ROV

2021

INSPIRED BY ADVENTURE AND BUILT FOR FUNCTION

Renowned for innovation, precision engineering and quality products, Deep Trekker's product ranges include remotely operated vehicles (ROVs), pipe crawlers and utility crawlers that solve a suite of environmental and industrial issues.

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