



# Versatrax Vertical Crawler™

Combining the power of three Microtracs™ and an expandable tripod chassis, the unique Versatrax Vertical Crawler™ can perform difficult inspections over a range of pipe sizes in virtually any orientation.

Independent control of each track allows the vehicle to easily navigate multiple bends and vertical pipe segments over distances of up to 600ft / 183m. Auxiliary LED lighting compliments the high quality video captured by the onboard cameras, while real-time sensors indicate pipe size and expansion force.

Constructed out of marine grade anodized aluminum and stainless steel, the Vertical Crawler™ is extremely durable and fully submersible for underwater applications.

For more information on advanced remote inspection systems contact Inuktun today.



## SPECIFICATIONS

### VEHICLE

Tether Length	600ft / 183m
Variable Speed	32ft / 10m per minute
Pipe Diameters	Standard: 8–12in / 203–254mm Optional: Up to 18in / 457mm
Auxiliary Lights	Variable high intensity LEDs

### CAMERA

Type	Spectrum 45™ pan and tilt camera
Material	Aluminum
Sensor Type	Color ¼in CMOS
Sensitivity	< 1lux
Resolution	420 TV lines (vertical)
Focus	Manual (remote)
Iris	Auto
Lights	6x High intensity LEDs
Weight	1.1lb / 0.5kg
Options	Rear-facing Mini Crystal Cam®

### CONTROL SYSTEM

Power	Voltage (Nom): 600W 115 / 230VAC Suggested Generator / Inverter: .75Kw
Chassis Control	Pelican® case, rack mount option Membrane panel with variable joystick, keyboard control, cruise control
Tether Reel	Manual crank
Video Overlay	Date / time, tether distance, menu system for options, keyboard entry and text comment
Options	2x8in colour LCD monitors (sunlight readable option), Digital Video Recorder (DVR), Helios™ real-time video image enhancement system

### OPERATING ENVIRONMENT

Depth Rating	100ft / 30m
Temperature	32–122°F / 0–50°C

### APPLICATIONS

- Flexible risers
- Vertical and inclined pipework and caissons
- Steam headers
- Vertical air and seawater intakes
- Oil and gas refineries

### BENEFITS

- Remotely operated
- Familiar joystick controls
- Operates in any orientation
- Navigates multiple bends
- Remotely adaptable to varying pipe diameters
- Extremely durable
- Fully submersible
- Bright auxiliary LED lighting

MODULAR MOBILE ROBOTIC  
CRAWLER VEHICLES

INDUSTRIAL WATERPROOF  
CAMERA SYSTEMS

... see it for yourself

# INUKTUN

CRAFTSMANSHIP IN HIGH TECHNOLOGY

## CONTACT US

Phone Toll Free in North America  
1.877.INUKTUN | 1.877.468.5886



### INUKTUN US, LLC

103 Rio Rancho Drive NE, Suite A-6,  
Rio Rancho, New Mexico, 87124, USA  
Phone: 505.994.0702 | Fax: 505.994.0726  
[www.inuktun.us](http://www.inuktun.us) | [sales@inuktun.us](mailto:sales@inuktun.us)



### HANGZHOU INUKTUN ROBOTS LTD.

Building A, No. 478,  
WenSan Road Huaxing Time Square  
Hangzhou, Zhejiang Province, China  
[www.inuktun.cn](http://www.inuktun.cn) | [sales@inuktun.cn](mailto:sales@inuktun.cn)



### INUKTUN SERVICES LTD.

2569 Kenworth Road, Suite C,  
Nanaimo, BC, Canada V9T 3M4  
Phone: 250.729.8080 | Fax: 250.729.8077  
[www.inuktun.com](http://www.inuktun.com) | [sales@inuktun.com](mailto:sales@inuktun.com)



### INUKTUN EUROPE LTD.

Unit 3 Crombie House, Grandholm Village,  
Bridge of Don, Aberdeen, Scotland AB22 8BD, UK  
Phone: +44.1224.701444 | Fax: +44.1224.853860  
[www.inuktun-europe.com](http://www.inuktun-europe.com) | [sales@inuktun-europe.com](mailto:sales@inuktun-europe.com)



### INUKTUN ASIA PTE LTD.

16 Boon Lay Way, #01-43 TradeHub21,  
Singapore 609965  
Phone: +65.9383.6270 | Fax: +65.6795.4222  
[www.inuktun-asia.com](http://www.inuktun-asia.com) | [sales@inuktun-asia.com](mailto:sales@inuktun-asia.com)

## ABOUT INUKTUN

*Inuktun Services Ltd. (ISL) was founded in 1989 to design and manufacture Remotely Operated Vehicles (ROVs) and modular robotic systems for use in confined spaces and hazardous environments. Since then, the company has earned a reputation as the expert in remote controlled robotic inspection and instrumentation transport systems. Reliability, efficiency, quality, and cost-effectiveness are emphasized in the design of all equipment produced by ISL.*

*The company employs a multi-disciplinary team of engineers, scientists, administrative and production personnel at its facility in Nanaimo, British Columbia, Canada.*

*In addition to producing and selling a complete line of standard equipment for a variety of remote robotic inspection applications, the company also offers a complete range of engineering services from conceptual design through to project completion.*

*To ensure and maintain the company's high standard of quality systems assembly, integration and testing are accomplished using in-house electronic and machine assembly staff. In addition, ISL regularly develops partnerships with other businesses and consultants to provide specialty engineering in accordance with design criteria. As a result, ISL is able to provide customers with innovative, high-quality equipment that is functionally reliable, easily operated, and cost-effective.*

MODULAR MOBILE ROBOTIC  
CRAWLER VEHICLES

INDUSTRIAL WATERPROOF  
CAMERA SYSTEMS