



INUKTUN
CRAFTSMANSHIP IN HIGH TECHNOLOGY

... see it for yourself

Distributed by:
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Versatrax 300 VLR™

Energa Hydroelectric
Zydowo, Poland

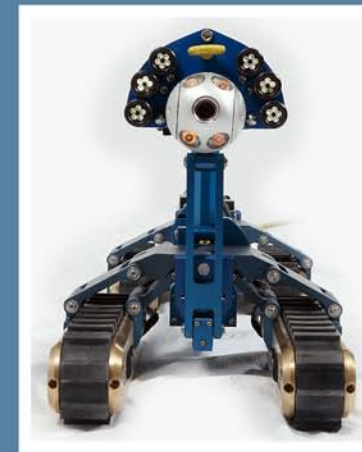


Versatrax 300 VLR™

The Versatrax 300™ is the solution to long-range pipe inspection challenges. Able to inspect more than two kilometers of pipe in a single run, the VT300™ includes 3 onboard video cameras, multiple sensor options, and is operable in pipe as small as 12in / 300mm internal diameter.

All Inuktun Versatrax™ crawler vehicles are configurable for round pipe or flat surface operation. They are also adjustable for a range of pipe diameters.

For information call 1.877.468.5886 or e-mail sales@inuktun.com



KEY FEATURES

Minimum Pipe Diameter
12in / 305mm

Depth Rating
100ft / 30m

Maximum Tether Length
7,000ft (1.33mi) / 2,134m (2.13km)

Vehicle Speed
Up to 30ft / 9m per minute

Vehicle Payload
400lbs / 181kg

Multiple Cameras
Color PTZ, Color Middle and Rear

APPLICATIONS

Long-run inspections up to 7,000ft (1.33mi) / 2,134m (2.13km) such as:

- Potable Water Distribution Lines
- Storm Water Outfall Lines
- Waste Water Mains
- Sanitary Sewer Trunks
- Underwater Pipelines
- Fish Bypass Channels
- Hyrdoelectric Penstocks
- Sub-surface Mines

BENEFITS

Powerful, Durable and Waterproof

Steerable in 12 inch diameter pipe

Bright illumination and high quality video for precise assessments

Remote and auto focus PTZ camera decreases image fouling

Auxiliary cameras improve vehicle navigation and tether management

Modular design can be upgraded, extended and customized

Intuitive controls for ease of use

VEHICLE

Speed
Up to 30ft / 9m per minute

Crawler Tracks Model
4x Inuktun Minitracs™

Crawler Track Material
Brass (Stainless Steel or Aluminum Optional)

Vehicle Weight
230lbs / 104kg

Minimum Pipe Diameter
12in / 305mm

Chassis
Parallel

PRIMARY CAMERA

Position Front

Model Inuktun Spectrum 90™

Material Aluminum (Stainless Steel Optional)

Type Color 1/4in EX VIEW CCD

Sensitivity <1.5 lux

Resolution 460 TV Lines

Focus Auto or Manual (Remote)

Iris Auto or Manual (Remote)

Zoom 40:1 (10x Optical 4x Digital)

Lights 4x11.3 Watt = 45.2W Total (2x Flood Beam 2x Spot Beam)

Camera Weight 5.5lbs / 2.5kg

OPTIONAL CAMERAS

Position Middle and Rear

Model Inuktun Crystal Cam®

Material Epoxy

Image Sensor 1/4in Color CCD

Sensitivity 0.5 lux

Resolution 400 TV Lines

Iris Auto **Lens** 2.3mm

Lights 12 High Intensity LEDs

Camera Weight 0.264lbs / 0.12kg

AUXILIARY LIGHT

6x High Intensity LEDs

Variable Intensity (Remote)

TETHER CABLE

Diameter
0.35in / 9mm

Minimum Length
3,000ft (0.57mi) / 914m (0.91km)

Maximum Length
7,000ft (1.33mi) / 2,134m (2.13km)

OPERATING RANGE

Temperature 0-40C / 32-104F

Depth Rating 100ft / 30m

CONTROL SYSTEM

Power
220 VAC, 25 amp circuit

Chassis
19in rack mount; 2 monitors

Interface
PC based with custom GUI (Graphic User Interface)

Tether Reel
Electric variable speed with Auto level wind and Encoder

Winch Weight
117lbs / 53kg to 705lbs / 320kg