



# GLOBAL INSHORE

## VERSATRAX™ Tracked ROV



For small pipeline inspection purposes, GLOBAL INSHORE, INC. operates the unique and versatile VersaTrax, *tracked* Remotely Operated Vehicle. With a variety of applications, its primary use is in the inspection of dry or flooded (to 44.5 psi) pipelines from six inches (15.24 cm) to 36 inches (91 cm) diameter. The VersaTrax operation in smaller diameter pipes is accomplished using flexible connecting hardware that the tracks and camera to be mounted in-line.



allows



Operation in larger pipes (from 10 inches (25.4 cm) is accomplished by the more conventional parallel or "side-by-side" track assembly which enables steering and stability by angling the tracks.

A 1000-ft (304 m) umbilical makes possible long penetrations with real-time color video monitoring, variable intensity lighting, manipulator and steering/speed control functions.

Video output can be annotated with on-screen and audio information and recorded in standard VHS or SVHS format. Please see reverse side for VersaTrax ROV particulars.

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## Remotely Operated Vehicle Specifications

<b>GENERAL</b>	<b>PARALLEL OPERATION</b> <ul style="list-style-type: none"> <li>▪ Weight: 83 lb 37.6 kg</li> <li>▪ Width (Minimum): 13.5 in 34.3 cm</li> <li>▪ Width (Maximum): 17 in 43 cm</li> <li>▪ Length: 25 in 63.5 cm</li> <li>▪ Height: 11.5 in 29.2 cm</li> <li>▪ Maximum Operating Pressure: 133 psi 9.2 bar</li> </ul> <b>IN-LINE OPERATION</b> <ul style="list-style-type: none"> <li>▪ Weight: 80 lb 36.3 kg</li> <li>▪ Width: 4.75 in 12.1 cm</li> <li>▪ Length: 5 ft 1.5 m</li> <li>▪ Height (Minimum): 4.5 in 11.4 cm</li> <li>▪ Maximum Operating Pressure: 133 psi 9.2 bar</li> </ul>
<b>PERFORMANCE</b>	<b>Maneuverability</b> <ul style="list-style-type: none"> <li>▪ Forward Speed: 30 ft/min 15.2 cm/sec</li> </ul>
<b>VIDEO CAMERA</b>	High Resolution CCD color video camera
<b>LIGHTS</b>	One 50 watt, tungsten-halogen lamp
<b>POWER REQUIREMENTS</b>	<ul style="list-style-type: none"> <li>▪ Input Voltage (selectable): 90 – 250 VAC</li> <li>▪ Frequency: 50 / 60 HZ</li> <li>▪ Power Rating (standard): 6 KVA</li> </ul>
<b>USER POWER AVAILABILITY</b>	<ul style="list-style-type: none"> <li>▪ 50 W 24 VDC @ 2A</li> <li>80 VDC @ 0.6 a</li> </ul>
<b>UMBILICAL</b>	<ul style="list-style-type: none"> <li>▪ Length: 1,000 ft 304 meters</li> <li>▪ Diameter: 0.5 in 1.3 cm</li> <li>▪ Polyurethane jacket / multi-conductor</li> </ul>
<b>INSTRUMENTATION</b>	<ul style="list-style-type: none"> <li>▪ Real-time video monitoring</li> <li>▪ On-screen video overlay</li> <li>▪ Up to four lines of video annotation</li> <li>▪ Audio annotation</li> <li>▪ VHS or SVHS video recording</li> </ul>
<b>OPTIONS</b>	<ul style="list-style-type: none"> <li>▪ Manipulators</li> <li>▪ Still cameras</li> <li>▪ 500 ft (150 m) umbilical</li> <li>▪ Pan/tilt and/or zoom video camera</li> <li>▪ 100 W lighting</li> <li>▪ Distance counter</li> </ul>
<b>OTHER</b>	<ul style="list-style-type: none"> <li>▪ Vehicle and umbilical can be cleaned and disinfected for potable water lines</li> <li>▪ Vehicle and umbilical are generally unaffected by chemical and biological contamination</li> </ul>

*Now with a Pan, Tilt Zoom Camera*

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