

OnDemand Specialty System



Key Specifications

Depth Rating: 60m / 200ft (300m optional)
Standard Tether Length: 1,000m / 3,300ft (longer fibre optic tethers optional)
Maximum Speed: 9m / 30ft per minute
Vehicle Payload: 91kg / 200lb
Front Facing Camera: Spectrum 90™
Optional: Spectrum 120HD™ high definition camera
Operating Temperature: 0°-50° C / 32°-122° F
Vehicle Weight: 45kg / 99lb
Vehicle Dimensions: 714x340x714mm / 28.1x13.4x18.1in (parallel), 1956mm / 77in (inline)

Standard Components: 2 x Minitracs™, 1 x Spectrum 90™ camera, 1 x rear-facing Crystal Cam® camera, 2 x LED lights, in-line and/or parallel chassis and wiring harness, 1,000m / 3,300ft tether, rack mount PC-based controller and power supply with ICON/InPRO control and reporting software.

Versatrax 150™ Mark II (VT150MkII)



Industries & Applications

- Mining
- Municipal (Sewer/Water)
- Oil and Gas (Offshore/Onshore)
- Petrochemical
- Power Generation (Hydroelectric/Nuclear)

Capable of operating over long distances and a wide range of diameters, the Versatrax 150™ Mark II system is a state-of-the-art pipe inspection system with advanced capabilities. The system comes standard with one kilometre (3,300 feet) of copper tether cable, with options for longer lengths using fibre optics. In its in-line configuration, operators can examine pipes from 150 to 300 millimetres (6 to 12 inches) in diameter. For bigger pipes, the vehicle is reconfigured with a parallel chassis, incorporating a remotely motorized camera raise and two high intensity LED lights.

The Versatrax 150™ Mark II is well suited to a variety of inspection applications including sewers, storm drains, hydroelectric penstocks and fish bypass lines, petrochemical and power plant intake pipelines, and difficult to access pipes in the oil and gas industry. And, like all of our OnDemand Specialty Systems, it is easily customized with an array of optional equipment including high definition pan-tilt-zoom cameras, retrieval tools, laser measurement and profiling systems, sonar and other Non-Destructive Testing (NDT) sensors.



"Without the Versatrax Mark II system, SewerVUE never would have been able to complete a full condition assessment of the entire pipe in less than two days."

— Csaba Ekes, President, SewerVUE Technology Corporation

STANDARD IM3 OPTIONS

Custom configurations:
See dealer for details



Spectrum 120™
Enhanced zoom
capability up to 432x

Spectrum 120HD™
High definition 1080p
video quality for more
detailed inspection



Manipulator
Remote gripper for
object handling and
retrieval

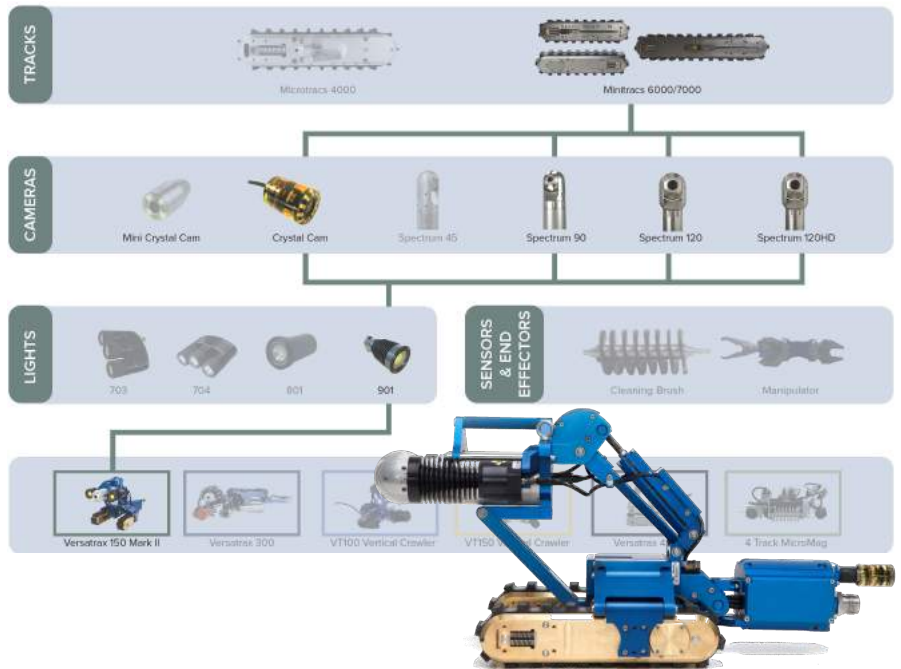


Intuitive Control System
Inuktun's ICON software
provides the operator with
mouse and joystick controls for
all vehicle functions. All sensor
data is automatically logged
during an inspection, and can
be included with the final video
(or still images) using the InPRO
reporting software.



Motorized Camera Raise
The Mark II crawler includes a
remotely controllable camera
raise motor that allows the
camera to be repositioned on-
the-fly during inspections.

Versatrax 150™ Mark II



Versatrax 150™ Mark II Standard Dimensions

