ROVVER X
SAT II
Lateral Launch

ENVIROSIGHT
Lateral Acceleration

Whether you’re locating cross bores, performing pre-acceptance inspection or hunting down illicit flows, lateral inspection is all about pushing past obstacles and maximizing productivity.

The ROVVER X SAT II lateral launch crawler system is redesigned from the ground up to give you industry-leading productivity, range and reliability, while keeping your cost of ownership low.

<table>
<thead>
<tr>
<th>Crawl</th>
<th>Launch</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.4x Faster ²</td>
<td>2.0x Faster ²</td>
</tr>
<tr>
<td>2.0x Farther ²</td>
<td>1.5x Farther ²</td>
</tr>
</tbody>
</table>

- Faster ²: compared to prior model, approximate

- More Traction ²

- 80” Mainline Ability

ENVIROSIGHT
Fed, Not Shredded

Our new, patent-pending belt drive maximizes your uptime by gently yet powerfully feeding the push rod as far as 147’ up laterals. It won’t shred your push rod with abrasive wheels—and the mechanism is designed for easy cleaning and toolless belt changes in the field.

20/20 Hindsight

Positioned above flow, a color back-up camera with LED illumination helps you manage cable during reverse travel.

Pivotal Flexibility

A hinged mid-section lets you deploy through vertical accesses as narrow as 12.5" diameter, and locks rigid when not needed.

Wheels, Reinvented

With quick-change wheels, you can easily reconfigure for different pipe materials and sizes—no tools required.

Bullseye

A 5 megapixel targeting camera with 130-degree lens lets you digitally pan, tilt and zoom for precise, confident launching.

All Within Reach

Use the standard launch tube in small sewer routes, and switch to the adjustable one when larger main-diameter PVC launch tubes of varying length. (See reverse.)

A steerable 8×8 drive train—you won’t find it on any other sewer crawler. Octraction™ gives ROVVER X SAT II the unique ability to maneuver past offsets, obstacles and sludge, achieving a 984’ crawl range.

speed

98 fpm crawl

23 fpm launch

distance

984’ crawl

147’ launch

Pan, Tilt... Vroom

Use the ROVVER X SAT II’s pan/tilt launch camera to get a clearer look at defects, and navigate through bends with its detachable carbon fiber steering probe at speeds up to 23 fpm. An axial camera is also available for lateral diameters as small as 2” diameter.

Launch with Confidence.

Positioned above flow, a color back-up camera with LED illumination helps you manage cable during reverse travel.

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Operator Controls

The ROVVER X SAT II desktop command center puts every function at your fingertips, so you can inspect with maximum productivity—all from the comfort of your truck’s control studio.

Configurations

Rapidly reconfigure your ROVVER X SAT II to launch from main lines ranging 6” to 80” diameter.

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crawler</td>
<td>Crawling distance: 984’ (300m)</td>
</tr>
<tr>
<td></td>
<td>Launching distance: 147’ (45m)</td>
</tr>
<tr>
<td></td>
<td>Crawling speed: 98 fpm (30m/min)</td>
</tr>
<tr>
<td></td>
<td>Launching speed: 23 fpm (7m/min)</td>
</tr>
<tr>
<td>Drive train</td>
<td>Steerable 8×8</td>
</tr>
<tr>
<td>Rating</td>
<td>IP68 to 33’ (10m) water depth</td>
</tr>
<tr>
<td>Operating temp</td>
<td>32–140°F (0–40°C)</td>
</tr>
<tr>
<td>Sensors</td>
<td>Internal pressure, incline</td>
</tr>
<tr>
<td>Construction</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Size</td>
<td>5.35”×4.57”×32” (136×116×813)‡</td>
</tr>
<tr>
<td>Weight</td>
<td>48.5 lb (22 kg)‡</td>
</tr>
<tr>
<td>Pan/tilt launch camera</td>
<td>Detachable</td>
</tr>
<tr>
<td>Resolution</td>
<td>Standard</td>
</tr>
<tr>
<td>Pan, tilt</td>
<td>360, +120/-30 deg</td>
</tr>
<tr>
<td>Sonde</td>
<td>On/off 512/640/33k Hz</td>
</tr>
<tr>
<td>Lamps</td>
<td>Shadowless LED</td>
</tr>
<tr>
<td>Axial launch camera</td>
<td>Detachable</td>
</tr>
<tr>
<td>Resolution</td>
<td>Standard</td>
</tr>
<tr>
<td>Sonde</td>
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</tr>
<tr>
<td>Lamps</td>
<td>Shadowless LED</td>
</tr>
<tr>
<td>Targeting camera</td>
<td>Integral</td>
</tr>
<tr>
<td>Total field of view</td>
<td>130 deg</td>
</tr>
<tr>
<td>Resolution</td>
<td>5 megapixel</td>
</tr>
<tr>
<td>Pan/tilt/zoom</td>
<td>Digital</td>
</tr>
<tr>
<td>Illumination</td>
<td>LED</td>
</tr>
<tr>
<td>Reverse camera</td>
<td>Integral</td>
</tr>
<tr>
<td>Resolution</td>
<td>Standard</td>
</tr>
<tr>
<td>Illumination</td>
<td>LED</td>
</tr>
</tbody>
</table>

‡Without wheels and launch chute