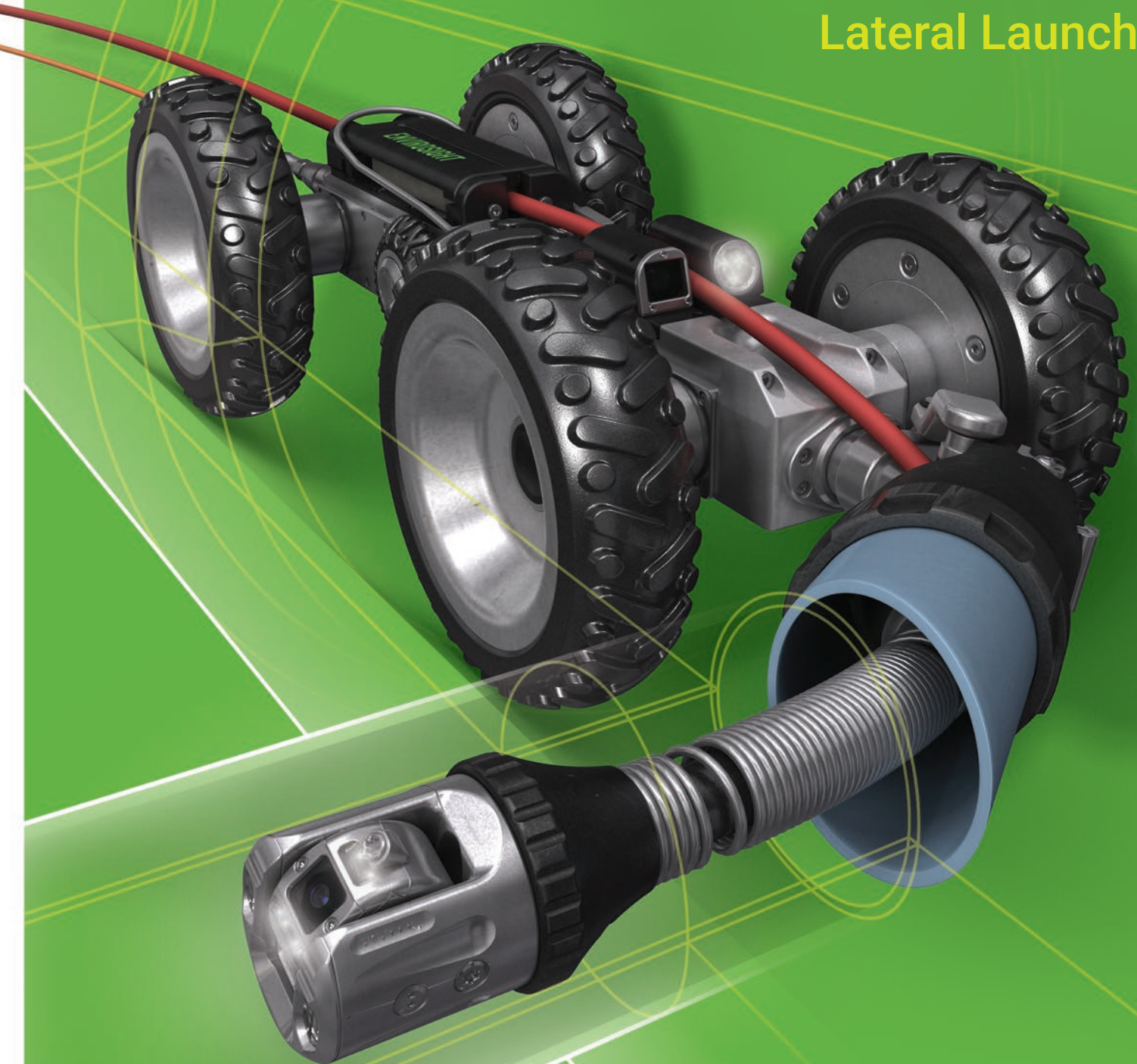


ROVER X
SAT 
Lateral Launch



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 ROVER 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.

Crawl

1.4x

Faster[†]



2.0x

Farther[†]



Launch

2.0x

Faster[†]



1.5x

Farther[†]



33%

More Traction[†]

80"

Mainline Ability

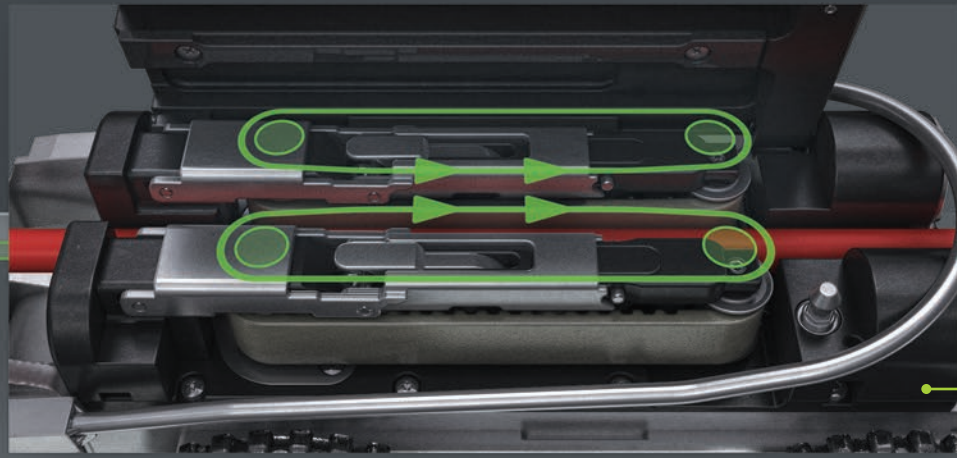
[†]compared to prior model, approximate

ENVIROSIGHT

Launch with Confidence.

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 mains, and switch to the adjustable one when larger mains demand PVC launch tubes of varying length. (See reverse.)

Pan, Tilt ... Vroom

Use the ROVVER X SAT II's pan/tilt launch camera to get a closer 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.



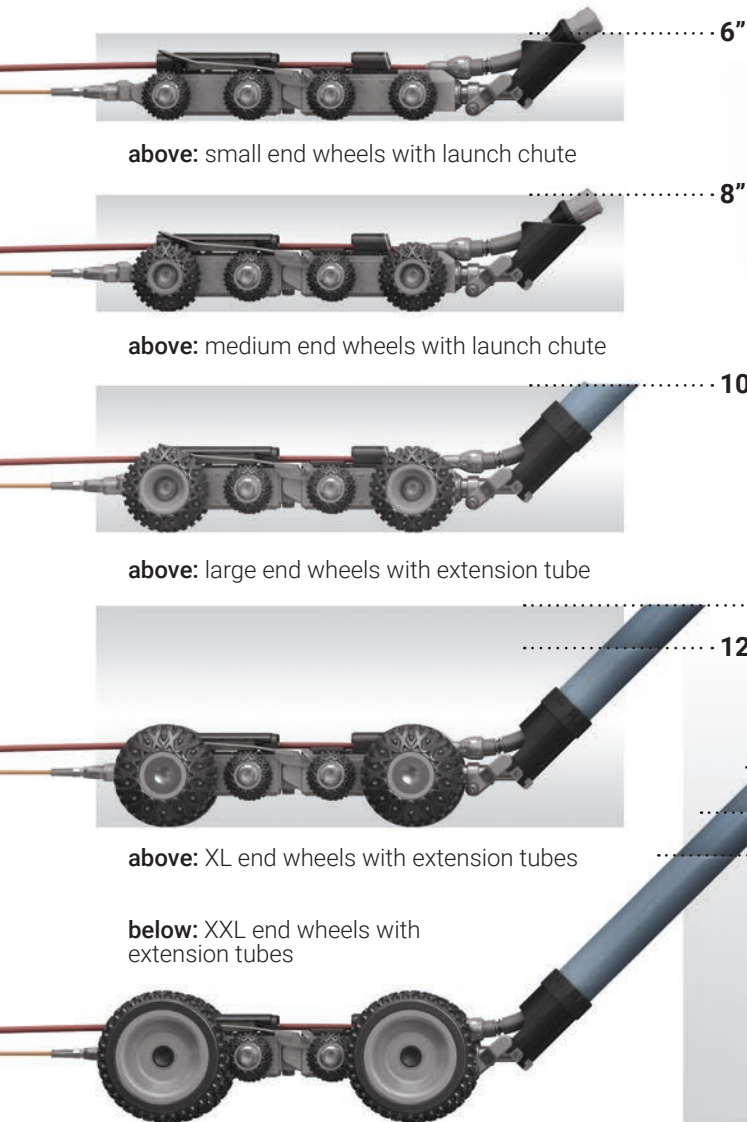
Octraction™

A steerable 8x8 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

ROVVER X SAT II Lateral Launch

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above: small end wheels with launch chute

above: medium end wheels with launch chute

above: large end wheels with extension tube

above: XL end wheels with extension tubes

below: XXL end wheels with extension tubes

Configurations

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

Specifications

crawler

crawl distance 984' (300m)
 launch distance 147' (45m)
 crawl speed 98 fpm (30m/min)
 launch speed 23 fpm (7m/min)
 drive train steerable 8x8
 rating . . . IP68 to 33' (10m) water depth
 operating temp . . . 32–140°F (0–40°C)
 sensors . . . internal pressure, incline
 construction stainless steel
 size . . 5.35"x4.57"x32" (136x116x813)‡
 weight 48.5 lb (22 kg)‡

pan/tilt launch camera (detachable)

line sizes . . . 2½–12" dia. (DN60–300)
 resolution standard
 pan, tilt 360, +120/-30 deg
 sonde on/off 512/640/33k Hz
 lamps shadowless LED

axial launch camera (detachable)

line sizes 2–12" dia. (DN75–300)
 resolution standard
 sonde on/off 512/640/33k Hz
 lamps shadowless LED

targeting camera (integral)

total field of view 130 deg
 resolution 5 megapixel
 pan/tilt/zoom digital
 illumination LED

reverse camera (integral)

resolution standard
 illumination LED

‡without wheels and launch chute

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.



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