

ACCESSORIES FOR ALL REQUIREMENTS

CAMERA

AC40, Axial camera ø44mm - ø200mm
PTP50, Pan and tilt camera ø44mm - ø200mm



WHEELS AND GUIDING PIPES

Wheels QCD wheels (rubber, ELKA, HMS)
Guiding Pipes in different lengths



AUXILIARY LIGHTS

RAL130 ø200mm - ø600mm
RAL200 with rear camera for P&T Kamera ø200mm - ø600mm



ROVION SAT II IN USE



Inspection in DN900 main sewer in DN150 lateral launch



Placing into the manhole ø600mm



iPEK International GmbH · See, Gewerbepark 22 · 87477 Sulzberg · GERMANY
 ☎ + 49 8376 921 800 📠 + 49 8376 921 8021 ✉ isg_info@idexcorp.com 🌐 www.ipek.at

Issue: April 2019 - subjects to changes.



ROVION SAT

MADE TO ACHIEVE MORE

- ✓ Inspect more lateral launches thanks to 300m camera cable
- ✓ Inspect up to 45m in lateral launches
- ✓ Push rod feeder to protect push rod sheath from mechanical damages



APPLICATION RANGE
DN150 - DN2000



MADE TO ACHIEVE MORE

The new generation of our SAT inspection system was developed under the aspects of more efficient inspections and less downtimes. Thus, "Made to achieve more". Ever since our ROVION crawlers have been convincing with their special agility, thus, we redeveloped from scratch out our SAT crawler RX140SAT II and equipped it with powerful motors and 8-wheel-drive. Of course, the crawler is steerable so that obstacles in the main sewer (application range DN150 to DN2000) don't slow down the inspection

in lateral launches. We developed an innovative winding concept (SLC = Single Layer Concept) for our SAT cable reel (RAXSAT300) so that the RX140SAT II can drive from lateral to lateral in main sewers with up to 30m / minute. The push rod — friendly feeder located at the crawler and the cable reel guarantee safe pushing in pipes from DN50 even for long distances in the main sewer.

INSPECT MORE:

- ✓ Less repositioning of the inspection vehicle thanks to 300m camera cable and 45m push rod
- ✓ Overcome obstacles in the sewers thanks to steerable 8-wheel-drive
- ✓ Quick and simple positioning with the help of the integrated 130° observation camera (incl. digital zoom) and self-locking swivel unit (up to DN2000)
- ✓ Stable standing of the crawler during the inspection of laterals thanks to low center of gravity



LESS DOWNTIMES:

- ✓ Push rod feeder to protect the push rod sheath from mechanical damages
- ✓ Quick and simple push rod exchange thanks to plug connector between push rod and camera cable
- ✓ Robust crawler made of stainless steel (IP68 up to 10m water depth)
- ✓ Maintenance-friendly crawler concept
- ✓ Easy to service thanks to simple exchange of system elements

PROTECTIVE FEEDER FOR PUSH ROD

Our new feeder concept in the SAT crawler and in the SAT cable reel gently transports the push rod forwards and backwards. Contact pressure and power of the feeder unit are transmitted to the push rod through the belts. This protects the push rod sheath from wear, e.g. through drive rollers.

- ✓ Revolutionary belt feeder
- ✓ Integrated push rod feeder in crawler and cable reel provides more power when pushing
- ✓ Quick set-up through simple positioning of the push rod in the push rod feeder



FROM DN150 TO DN2000 WITHIN ONE MINUTE

Start your inspections faster. Especially when the weather is bad, loosening screws and locks is annoying, thus our SAT crawler RX140SAT II can be retrofitted without tools. Through individually encapsulated system components there is no pressure loss when retrofitting which saves valuable time during the inspection.

- ✓ No pressure loss when retrofitting
- ✓ Toolless set-up of accessories, wheels and guide pipes
- ✓ No additional weights required from DN150 to DN2000

WINDING WITHOUT LOOPS

To efficiently drive long distances up to 300m in main sewers and inspect further 45 m, a perfect interplay of the SAT reel (RAXSAT300) and the cable reel (e.g.: RAX300) is required. Our automatic winding concept (SLC) provides for a synchronous winding behavior without any loops.

- ✓ 300m (main sewer) and 45m (lateral launch)
- ✓ Winding without any loops thanks to innovative winding concept SLC

DN150

DN2000

