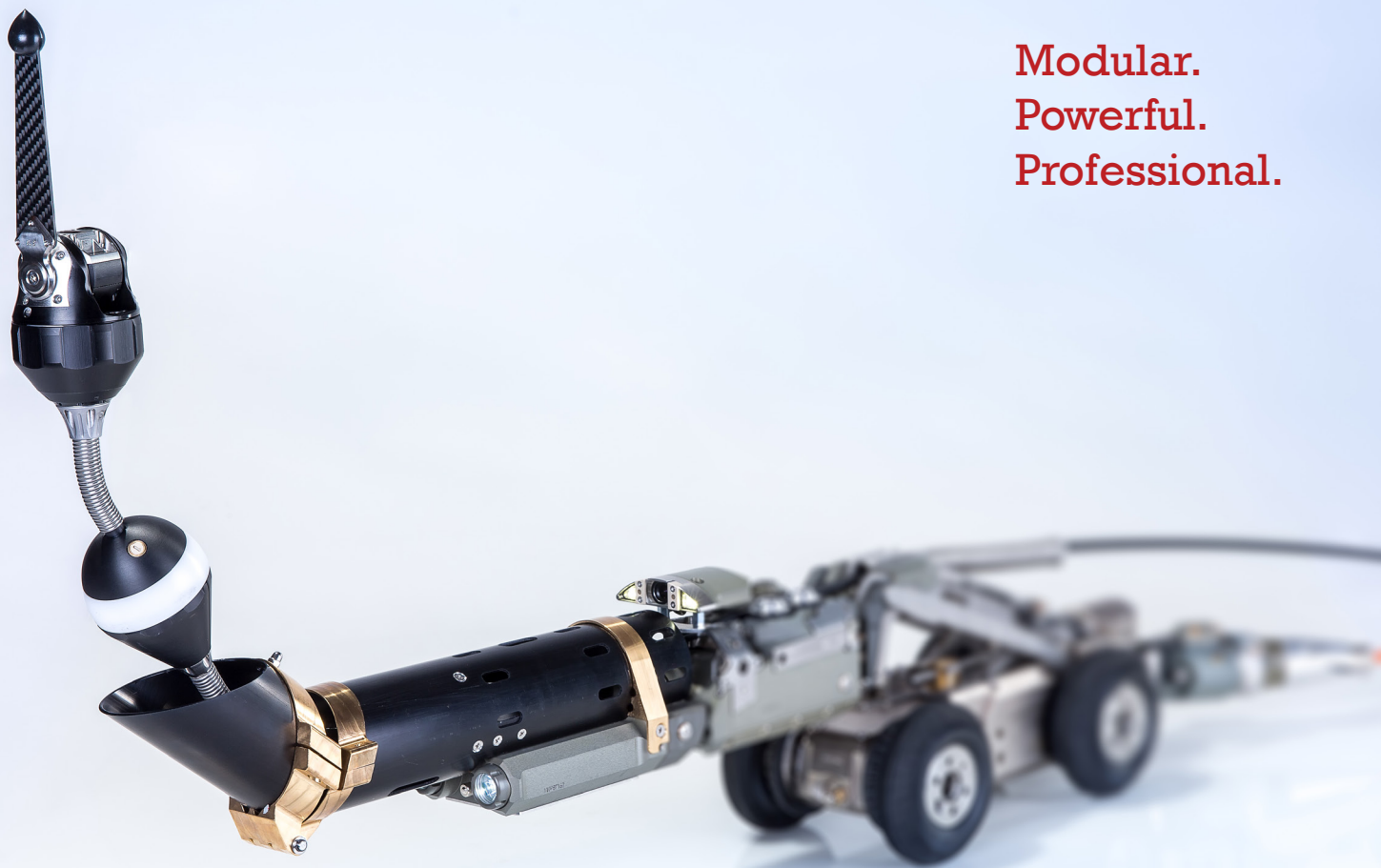


Modular.
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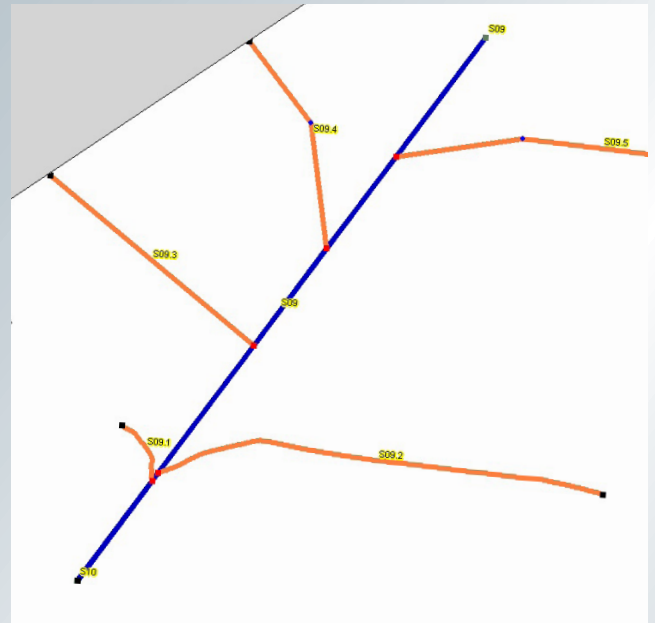


LATRAS

Lateral TRACKing System

Lateral tracking takes a new direction for cross bore analysis

rausch USA
www.rauschusa.com



Top: LATRAS guiding system for positioning camera for launch.
Left: LATRAS sensor with jetting nozzle
Above: Automated visualization of LATRAS data in software

LATRAS

Launch from mainline 6" and up

LATRAS is a pioneering tracking system for the automatic measuring and graphic GPS documentation of the entire pipe laterals with the lateral camera KS 60 DB.

The system's control electronics captures the movement of the LATRAS sensor head behind the digital lateral camera, KS 60 DB. The distance, position, and depth coordinates are registered constantly in parallel with the inspection and allow the documentation of the laterals at the same time without any significant additional work for the operator using automatic data logging software.

With this new and important information about the pipe system mapped out on a GPS plane, the quality of the inspection is considerably improved.

All Rausch lateral launch systems with the KS 60 DB lateral camera can be upgraded with the LATRAS sensor and software package.

Technical Data

- Operated through Rausch digital lateral launch system
- LATRAS sensor is positioned behind the lateral camera KS 60 DB
- Sensor records movement of direction and tilt angles
- Distance measurement with an incremental encoder with an error accuracy of less than 0.5%
- Online drawing of the pipe system with PicoMaps and XYZ coordinates
- Recoding of measurements for forward and backward movement
- Re-calibration of the measurement results through endpoints
- 512 Hz transmission sonde available
- Compatible with the lateral launch jetting nozzle for forward propulsion using water pressure

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