

Latest News from JT-elektronik

For us, re-development also means: Re-think!

With the “kanDa” technology we have raised our sewer inspection unit to a new level.

The basic system “Semi-Ex & Professional Ex” has been used for many years in the area of sewer and control technology for JT large-scale systems. These analogous inspection components are still purchased and used by many of our customers as a very robust and tried-and-tested overall concept. Various market adjustments and changed personnel structures, especially in the use of the complete system, have moved us to develop a new technology, control and vehicle development concept.

With the new “kanDa technology”, we have achieved an optimisation, namely to facilitate quick control signals and better video resolutions with a lower camera cable weight, thereby achieving even better handling and quality of the newly developed carriage and camera structures.

Another step forward has also been taken in the area of TV vehicle control and an entirely new start has been made. Many customised requirements for handling, technology and their optimised

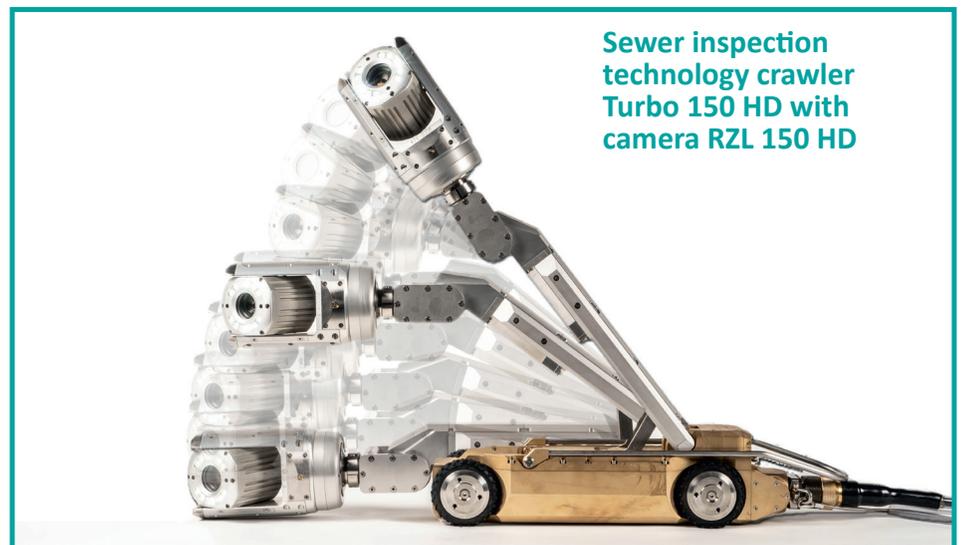
application have been realised by us and integrated into the new system.

“kanDa” also means performing TV inspections even more efficiently. We have implemented many ideas for increasing daily performance, sustainably reducing wear and tear, optimising daily work with our technology in order to come to a successful inspection result.

Jumps in diameter – No problem thanks to the integrated lift

The new Turbo 150 HD camera carriage achieves new possibilities when inspecting collector pipes.

The completely newly developed carriage with new cameras, in combination with the integrated electric lift and tilt unit, allows inspections from DN 150 to > DN 2000 mm. The new drive concept and the resulting very strong traction facilitates very high distances into sewers. A coupling unit integrated into the carriage reduces the time when returning from the sewer and reduces wear to gears and motor. Many other features supplement the basic system. A second carriage system from DN 100 mm and new units for satellite and manhole inspection completes the new carriage and camera generation.



Sewer inspection technology crawler
Turbo 150 HD with camera RZL 150 HD

Master-control unit and universal joysticks

A clear control unit adjusted to the application, and integrated automatic functions and assistance systems, such as a live-view of the carriage and camera status in the sewer, are just some of the benefits of the new system. The sewer inspector therefore has a significantly simplified and clear control field that leaves no modern workplace wishes unfulfilled.

Resolution

With the latest camera and transmission technology we are able to show live images in excellent Full-HD technology for every main and side-sewer camera.

At JT, the Full-HD resolution is not transmitted via cumbersome fiber optic structures, but rather via a tried-and-trusted copper cable, which is ideal for the conditions in the rough sewer environment. The new hybrid camera cable is now also more than 30% lighter and thinner than its predecessor.

If your customers do not want these high-resolution images and videos yet because of the larger data quantities and IT structures, you can easily reduce the video quality to normal formats.

New data management simplifies operation

The interaction between inspector, camera technology and

inspection carriage requires a complex data structure. In cooperation with our partner, bluemetric software GmbH, we also offer the user-friendly software INSPECTOR and ASYS 3D for complete processing and efficient generation of full property plans. This guarantees an extremely efficient way of working.



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