

Rausch Premium

CCTV inspections from 100 – 3000 mm
Lateral launch system from 135 – 1800 mm



RCA 4.0

- Full-HD transmission with cooper cable without fibre optics
- Resolution HD: 1920 x 1080 Pixel
- Based on the VML technology specially developed and patented for this purpose
- Elka cable drum with up to 500 m camera cable
- Pressure test: sleeves, reaches, shafts, building connection

Result:

- Razor sharp image quality
- Exact recording and documentation of the inspection
- Minimized maintenance costs
- Remote service check

Studio



Technical details

- RCA 4.0 technology in the studio
- Digital video technology in full HD quality
- 1920 x 1080 pixels or MPEG-4 with 720 x 576 pixels
- Ergonomic operating concept with electrical lifting table for fatigue-free working
- System control via industrial PC with a 15" touch screen and two multifunctional joysticks for camera and crawler operation
- User-configurable user interface and joystick operation
- Digital overlay technology for measured value and data display in different national versions
- Display technology, adjustable font sizes and colours
- 24" full HD video monitor
- Serial bus system for the control of the cable drums, crawlers and cameras and the full HD satellite system
- Ethernet-, Wifi- and UMITS connection to the video and data exchange with documentation PC and software (PipeCommander, WinCan or other acquisition programmes)
- Alternatively recording in MPEG-4 possible, if full-HD data sets cannot be processed
- Power supply with lithium-ion batteries

Rear area



Options

- Deformation measuring system
- LATRAS line route measurement
- Up to 3000 mm in connection with crawler extension (Lalette) or camera raft
- Lightweight construction for driver's licence Class B up to 3500 kg total weight
- Expansion according to individual customer requirements possible
- Leak test of individual couplings, pipes, shafts and separators

Crawlers and cameras

- Crawler FW 90 and camera KS 60 HD, 100 – 600 mm
- Crawler FW 135 and Camera KS 135 HD, 135 – 3000 mm
- Modulare lateral launch system M serie: Crawler FW 135 with lateral launch system PM 135, PKM 200 and camera KS 60 HD

Technical details

- Rear area expansion with passage to the studio
- Water supply
- Elka 600 cable drum HD with observation monitor, telescopic swivel arm and chain winch
- Cable length up to 500 m
- Quadro SAT HD cable drum
- Cable length 160 m
- 40 m push cable
- Lateral launch system in full HD
- Kampac hose reel for socket pressure testing
- Premus 600 for the reach test

Vehicle Extensions

Special Rausch Expansions

Individual designed and build

- Fine-tuned to different needs
- Integrated personal safety device
- Box-type vehicles or box-type conversions with a longer wheelbase. For increased space requirements, such as for additional high-pressure flushing units or sleeve and reach tests



Lightweight construction

- Vehicles with a wheelbase of 3,600 mm
- Lightweight construction with innovative honeycomb technology
- Even when fully equipped, they weigh only 3100 kg, including the groundbreaking modular M series system and lithium-ion battery power supply

Special upgrade



Expansion of a sewer inspection truck with high-pressure flushing unit



Expansion of a Sprinter with box body for increased space requirements



Upgrade with a pressure test trailer