

RX400

Crawler Ø 400 - 1300 mm

The application area of the RX400 crawler ranges from DN 400 up to DN 1300 (optionally up to DN 2000).

Technical data - RX400

Drive	four-wheel-drive (both sides can be controlled independently from each other)
Equipment	Steerable, electrical operated 2-speed gearbox, electrical operated clutch, electrical adjustable elevator, interface for elevator extension, automatic camera centering, location transmitter, roll and pitch sensor, monitoring of internal pressure and temperature, LED lamps, additional LED lamps for pipe bottom illumination, backeye camera
Normal pipe widths	DN 400 up to DN1300 (optionally up to DN 2000)
Wheel sizes	Ballon wheel Ø 220 mm (optional) Ballon wheel Ø 260 mm (optional)
Location transmission	512 Hz/640 Hz (to be activated at choice, switching between frequencies)
Pressure tightness	Up to maximum 1 bar
Optional accessories	RCX90 camera, adapter for egg-shaped pipes, DSIII fish eye camera, Laserring for DSIII, Laser Shape Scanner LSS
Power supply	Through cable reel RAX500, RAX300, RLX200 or ERMX100
Protection class	IP68 up to 10 m water depth
Ambient temperature range	0°C to 40°C
Storage temperature range	-20°C to 70°C
Material	Aluminium anodized
Dimensions (WxHxD)	240 x 250 x 700 mm (without wheels)
Weight	approx 32 kg (without wheels)



- Application area ranging from DN 400 up to DN 1300 (optionally up to DN 2000)
- Powerful four-wheel drive (steerable), electrically operated 2-speed-gearbox
- Electrically operated clutch with safety mode (clutch is permanently engaged)
- Large ground clearance
- Automatic lifter
- Sensor system for automatic camera centering inside the pipe
- Location transmitter can be activated
- Constant monitoring by pitch and roll sensor
- Constant monitoring of the internal pressure and temperature
- 4 LED lamps for optimum illumination of the pipe
- 2 additional LED lamps for optimum illumination of the pipe bottom
- Integrated backeye camera
- Interface for additional backeye camera in an elevated position
- Interface to mount an optional elevator extension
- Compatible to the SUPERVISION (PAL) inspection system (with reduced scope of functions, e.g. no electrical gearshift, no safety mode, no camera centering)
- Optionally available as EX version