

# RX400 - Crawler Ø 400 mm - 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, electr. operated 2-speed gearbox, electr. operated clutch, electr. adjustable elevator, interface for elevator extension, Automatic camera centering, location transmitter, roll and pitch sensor, monitoring of internal pressure and temperature, manually adjustable LED lamps, additional LED lamps for pipe bottom illumination, backeye camera
Nominal pipe widths	DN 400 up to DN 1300 (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 max. 1 bar
Optional accessories	RCX90 camera, adapter for egg-shaped pipes, DSIII fish-eye camera, LASERRING for DSIII, LASER SHAPESCANNER LSS
Power supply	via cable reel RAX500, RAX300, RMX200, RMX200 or ERMX100
Protection class	IP68 up to 10 m water depth
Ambient temperature range	0 °C - 40 °C
Storage temperature range	0 °C - 40 °C
Material	aluminum anodized
Dimensions (L x W x H)	approx. 700 x 240 x 250 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 manually adjustable LED lamps for optimum illumination of the pipe (LEDs cannot be adjusted manually with the EX version)
- 2 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



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