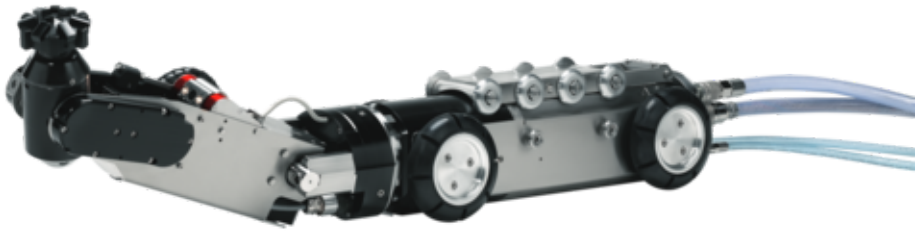
IMS ROBOTICS

The allrounder for the huge main sewer

TURBO 4

The rehabilitation of main sewers is important and will become more important in the future to maintain the infrastructure. With our cutting robot TURBO 4 you can easily clean main sewers from DN 200 to DN 800, rehabilitate them with different attachments and open lateral connections after liner rehabilitation. Furthermore, the powerful air motor ensures the reliable removal of deposits. The adjustable camera and the powerful headlights ensure effective works in main sewers.



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Technical Data

Measurements	Dimensions of carriage: approximately L 1100 mm / L 43.31 inches
Nominal Diameter	Usable in pipes from DN 200 to DN 800 (inner diameter)
Weight	Weight of carriage: approximately 70 kg / 154.32 pounds
External Diameter Mill	Outer diameter of carriage: 180 mm / 7.09 inches
Components	Self-Propelled Carriage, Milling Arm, Swivel Camera, Cable Drum, Control
Camera	Swivel colour camera with 2 high-power LED and wiper blade Rear-view camera with LED illumination
Cable Length / Cable Drum	100 m / 328.08 ft supply hose on cable drum Dimensions approx. L 1280 x W 690 x H 1090 mm / L 50.39 x W 27.17 x H 42.91 inches Weight approx. 390 kg / 859.8 pounds with 100 m / 328.08 ft supply hose length
Control	Universal control unit
Features / Special Features	400° electrically driven cutting arm rotation Approx. 100° swivel movement Approx. 120° additional swivel movement cutting motor Pneumatic stabilisation for improved traction Permanent internal nitrogen pressure monitoring Crane connection element Combinable with ultra-high pressure (UHP) set IMS CLEANER Accessories case Integrated positioning sensors Reverse-driving sensor
Additional Purchase Options	Extensions DN 700 to DN 800 (carriage) Egg profile extensions DN 400/600 to DN 600/900 Self-propelled carriage DN 450 to DN 800 Maximum water pressure technology IMS CLEANER Rotary swivel drive (DSA) and parallel swivel arm for ultra-high-pressure water technology Basic parts set and rehabilitation packer top-hat profile rehabilitation DN 250 to DN 600 SCHWALM packer connection Connection UHRIG Quick-Lock packer, set of granulate wheels D 90 and D 140, set of corundum wheels D 90 and D 140

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