

ROM e-EcoNomic

100% Electric high-pressure sewer cleaning unit



"Future-proof"



- Future-proof and environmentally friendly choice
- Stand out positively and get a head start on your competitors
- Guarantee your ability to work in the emission-free zones in the city now and in the future
- Increase your chances of winning tenders
- Reduce your total life-cycle operating costs (consumption, maintenance)
- Benefit from tax advantages
- Contribute to a healthy and liveable (urban) climate

Emission-free, powerful and uncompromisingly reliable. Meet the 100% electric ROM e-EcoNomic. This sewer cleaner lets you work more quietly and eliminates harmful emissions. So the e-EcoNomic contributes significantly to a healthy and liveable (urban) climate. This powerhouse delivers a cleaning pressure of up to 200 bars, with a water capacity of up to 100 l/min. Ideal for cleaning and unblocking main sewers and home sewer connections up to Ø600 mm. Thanks to advanced technology, such as a powerful electric drive and the latest generation of lithium-ion batteries, you can work all day long without unnecessary interruptions. The same excellent ROM experience that we have offered our users for the past 40 years.

Zero emissions & quieter

The future is already here. More and more cities are creating zero-emission zones where petrol, diesel or gas engines are banned. Noise levels are another topic of high interest. The e-EcoNomic is the solution to the "zero-emission sewer cleaning" challenge and one that does not compromise daily operability in any way.

Ideal for cities, tunnels and industrial buildings

Being able to work without harmful emissions of nitrous oxides (NOx), soot and CO₂ opens up new opportunities. Emission-free zones in cities, open-front roofed spaces outside industrial buildings and tunnels... with the e-EcoNomic, you can expand your activities to include locations like these.

Latest-generation lithium-ion batteries

The e-EcoNomic uses technology that has already been proven in the automotive industry. For example, 'high-performance' lithium-ion batteries that you can use all day, without interruptions. You benefit from all the upsides, such as a higher energy density, faster charging and maintenance-free batteries.

Low weight and compact unit for light to medium-sized commercial vehicles

The electric ROM e-EcoNomic is extremely lightweight and compactly designed. So this unit fits easily into light and medium-sized commercial vehicles such as the Toyota PROACE, MB Vito/Sprinter, VW Transporter/Crafter, Renault Trafic/Master, Opel Vivaro/Movano, Ford Transit/Custom and Iveco Daily.

Fitting the e-EcoNomic in a smaller vehicle can save you as much as €10,000. The compact design and low weight of the unit also allow you to carry a large quantity of water and free up more load space.

No limitation on your load space thanks to the integrated battery pack

The latest generation of high-energy-density lithium-ion batteries are smaller and lighter than conventional batteries and offer much better performance. Because the battery pack is fully integrated into the machine, you do not have to sacrifice any load space. In fact, you will have even more storage space for your tools and equipment.

Fast charging wherever you wish

A normal 230 V socket can be used to charge the batteries. Using the optional CCS fast charger, you can charge the electric ROM e-EcoNomic quickly wherever and whenever you want. At work, at home, at motorway service stations or at an EV charging station. You can even charge the batteries while working on a job.

Powerful electric motor for the toughest jobs

You can feel that the machine is a real powerhouse as soon as you touch the equipment. Whatever the job at hand, the ROM e-EcoNomic can handle it. The powerful and efficient high-performance electric motor can deliver a continuous output of 24 or 33 kW thanks to water cooling. So the ROM e-EcoNomic offers you the same power levels that you are used to. But with no harmful emissions, of course.

Lightning-fast cleaning in combination with optimum comfort, excellent ergonomics and safety

With the powerful ROM e-EcoNomic, you can unblock and clean sewers in next to no time. Both reels and the user-friendly iROM control panel are hung at the most optimal height for the user. You can move the sewer hose to the ideal position in seconds thanks to the 225° swivelling range of the electrically driven high-pressure reel. Next, you simply fold out the hose entry guide and press the appropriate button to smoothly unwind the high-pressure hose into the sewer. The ergonomically designed remote control unit supplied with the equipment fits comfortably in your hand and offers you all the functions you need for optimal operation. Safety is another aspect that you do not have to worry about when working with the ROM e-EcoNomic. The machine is equipped as standard with all the required safety features.

Technical details



Suitable for

Unblocking and cleaning (sewer) pipes up to max Ø600mm.
Façade, surface and drainage cleaning and removal of light graffiti

Drive

Powerful and efficient water-cooled electric motor Power: 25 / 33 kW continuous
Battery, electric: 'high-performance' lithium-ion batteries. Capacity: 23kWh

High-pressure pump

Speck P45 triplex plunger high-pressure pump
Cleaning pressure up to max. 200 bars and a water capacity up to max. 100 l/min.

High-pressure reel

Electrically driven
Robust, powder-coated high-pressure reel with solid steel core
Suitable for up to 100 m ½" (ND13) sewer cleaning hose

Conservation

Base frame hot-dip galvanised
Upper frame blasted and painted with anti-rust primer
Frame and reels: RAL 9006 White aluminium
Styling hoods: RAL 2004 Pure orange

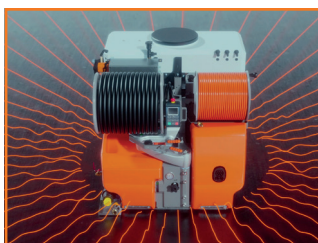
As standard, equipped with

Remote control
225° pivoting electrically-driven high-pressure reel (135° + 90°) & fold-out hose entry guide
Reeling and unwinding of HP hose reel via remote control
Intelligent iROM control
80m. hp hose | Dry run protection | Bypass switch
Suction-injector | Working light (LED)

Benefits

- Fully electric sewer cleaning machine
- Advanced technology
- Quieter and emission-free work
- Ideal for cities & indoors
- Latest-generation lithium-ion batteries
- Work all day long
- Easy and convenient charging anywhere
- Powerful and efficient water-cooled electric motor for continuous operation
- Compact design with integrated battery pack for maximum load space
- Low weight so you can carry a large quantity of water
- Stable and safe road holding with both an empty and full tank, thanks to a low centre of gravity
- Unique swivelling high-pressure reel with hose entry guide and synchronised swivelling control panel

Article number	02579206	02579208	02579209	02579211
Version	ROM e-EcoNomic 200/60 Battery electric Comfort	ROM e-EcoNomic 150/75 Battery electric Comfort	ROM e-EcoNomic 200/75 Battery electric Comfort	ROM e-EcoNomic 150/100 Battery electric Comfort
Starting system	Elektronisch			
Engine	24kW Liquid-cooled, high efficiency electric motor		33kW Liquid-cooled, high efficiency electric motor	
Pump	Speck P45			Speck P150
Water tank capacity	600l.			
Empty weight (excl. options)	Approx. 650kg			Approx. 675kg
Dimensions (l x w x h)	1450 x 1250 x 1250mm			
HP reel drive	Electrically driven with speed control and neutral position			
HP sewer jetting hose	80m ½" (ND13)			80m 5/8" (ND16)
Water filling hose reel	Manually operated water filling reel incl. 50m. 3/4" water hose (ND20)			
Remote control	Professional-Remote ("In- & Outdoor"), 8 buttons			
Operating system	Intelligent iROM control			



OPTIONS ROM E-ECONOMIC

0404100



Fast charging system 3 phase with Combined Charging System (CCS)

- Fast charging system 3 phase with Combined Charging System (CCS) Automotive Standard instead of CEE. Including 3 charging cables: 1 phase for conventional 230 V socket | 3 phase with 400 V power connector | 3 phase with charging station connector.

04790010



Surcharge for radio HeavyDuty-Remote control unit

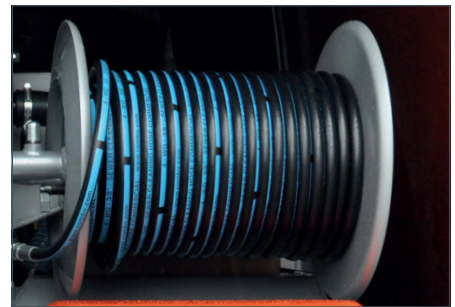
- Radio HeavyDuty-Remote control unit
- 10 buttons with push signal for wind up/unwind, infinitely variable speed control, information feedback via LED, information display, external antenna, removable rechargeable battery, emergency stop and charging station for handheld transmitter instead of Professional-Remote control unit



Spray nozzle cases

- **00740** ENZ ½" spray nozzle case ROM 40 Years Anniversary Edition, including grenade bomb, impact nozzle, rotating spray head and plastic case
- **0070** Spray nozzle case ROM JetToolcase (Hose ND13 & ND16 with ½" connection)
- **00710** Spray nozzle case ROM JetToolcase+ (Hose ND13 & ND16 with ½" connection)

04230



Second high-pressure reel

- 2nd high-pressure reel instead of filling reel Including the ROM 3-way crane/unloader combination system. Excluding high-pressure hose



Larger water tank

- **041311** 800 litre instead of 600 litre water tank, placed on and in an extended frame
- **04131** 1000 litre instead of 600 litre water tank, placed on and in an extended frame
- **041312** 1350 litre instead of 600 litre water tank, placed on and in an extended frame

041012



Built-in filling connection via STORZ coupling

- Built-in filling connection with STORZ coupling (lug distance 66 mm) with fine mesh filter on the water tank
- Water tank filling arrangement via STORZ connection (e.g. at a fire hydrant)

OTHER OPTIONS

Item no.	Description
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- | | |
|---------|--|
| 0269004 | Mounting of electric installation in Barneveld, consisting of accessories, labour and mounting according to the European CE regulations. |
| 04233 | 40m. 3/8" HP steelply hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spray lance. |
| 0440 | 2 stainless steel anti-surge baffle plates mounted inside 600, 800, 1000 or 1350l. water tank (Reduces rocking and increases driving comfort). |
| 048131 | Fixed venturi type ejector combined with Camlock filling connection, including 10m. hose, filter and bypass switch. (SmartTrailer PRO/EcoNomic) |
| 0474 | Automatic filling system water tank operating on 12/24V, mounting of floating system on filling connection and water filling hose reel (max. 8 bar pressure). |
| 0484 | Pulsation system, manually operated. For a lower water consumption and the hose advances further in the pipe and passes through bends easier |
| 0423511 | High pressure hot water unit 70kW "Commercial design" on a bracket, uses separate fuel tank (diesel), 40m. 3/8" heat resistant hose and funnel. Complete package integrated onto 2nd reel of HP machine (incl. modification water filling hose reel to HP reel and necessary adaptations to HP system). Suitable for 300 bar.. |
| 0423519 | 80m. instead of 40m. 3/8" heat resistant hose for hot water unit |
| 04850 | 100m. instead of 80m. 1/2" HP sewer jetting hose "Commercial" |
| 0551015 | Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage) (not for SmartTrailer) |

Contact ROM for details of the wooden panelling and cabinet options in the interior of your sewer jetting vehicle.

No-hassle maintenance? Contact ROM for details of all our maintenance packages (Budget or Comfort Service Packages)

