

## ROM e-EcoNomic

### 100% Electric high-pressure sewer cleaning unit



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 75 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 CO<sub>2</sub> 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.

## "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

#### 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 up to 24 kW thanks to water cooling. A power output that is comparable to a 32 hp diesel or petrol engine. 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 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 a maximum of 200 bars and a water capacity up to a maximum of 75 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

Large 600-litre water tank  
Radio remote control, Professional-Remote including machine status feedback  
Swivelling (225°), electrically driven high-pressure reel (135°+90°) & retractable hose entry guide  
iROM control system, incl. daylight display and waterproof touch-key operation (IP65)  
Water filling hose reel with 50 m ¾" water hose  
Dry-running protection for the high-pressure pump  
And much more (ask for the technical specifications)

## Benefits

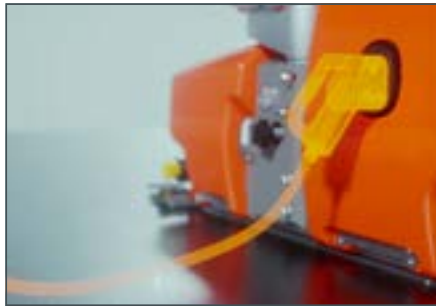
- Fully electric sewer cleaning machine
- Advanced technology
- Quieter and emission-free work
- Ideal for cities & indoors
- Latest-generation lithium-ion batteries
- Work all day long
- Easy and convenient charging anywhere
- Powerful and efficient water-cooled electric motor for continuous operation
- 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
- iROM control system
- Unique swivelling high-pressure reel with hose entry guide and synchronised swivelling control panel
- Integrated drip trays under reels

Article number	02579205	02579207
Name	ROM e-EcoNomic 200/60 Battery electric	ROM e-EcoNomic 150/75 Battery electric
Starter system	Electronic	
Engine	25 kW Liquid-cooled high-efficiency electric motor	
Pump	Speck P45	
Tank capacity	600 l.	
Empty weight (excl. options)	Approx. 650 kg	
Dimensions (l x w x h)	1450 x 1250 x 1250 mm	
High-Pressure reel drive	Electric, including speed control and freewheel mode	
High-pressure sewer cleaning hose	80 m ½" (ND13)	
Water filling hose reel	Hand-operated water filling hose reel incl. 50 m ¾" water hose (ND20)	
Remote control	Professional-Remote control unit, 8 buttons including feedback	



## 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

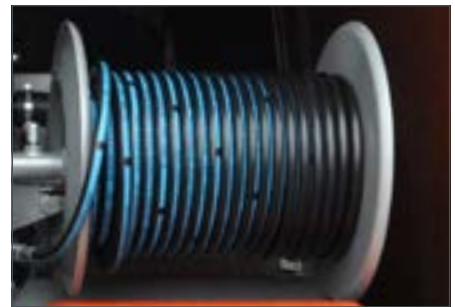
0424013



### Floodlight near high-pressure reel

- Floodlight (LED) mounted near high-pressure reel, including mounting kit
- For illuminating your work

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)



0485



### Longer sewer cleaning hose

- **04850** 100 m instead of 80 m 1/2" high-pressure sewer cleaning hose

0549



### Antifreeze suction injector

- Antifreeze suction injector complete with hose. Equipped with quick connection in water filter



### Spray nozzle cases

- **00740** ENZ 1/2" 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 1/2" connection)
- **00710** Spray nozzle case ROM JetToolcase+ (Hose ND13 & ND16 with 1/2" connection)

## OTHER OPTIONS

### Item no. Description

<b>0269000</b>	Electric System installation in Barneveld, including mounting kit, sundry items, labour and assembly to CE guidelines.
<b>0401120</b>	Mounting kit, including galvanised mounting plates, overflow components, CEE vehicle inlet.
<b>047942</b>	Unwind high-pressure reel using the remote control (only in combination with an electrically driven high-pressure reel and 8 or 10 button remote control).
<b>0479510</b>	Reeling of high-pressure hose reel via remote control up to a safe distance of 5 metres from the machine (only in combination with option 047942)
<b>0424017</b>	LED strip lighting (switched via vehicle interior lighting), mounted on vehicle ceiling.
<b>04132</b>	Extra 600 litre water tank including connections and frame extension. Only in combination with 400 litre, 600 litre or 1000 litre water tank
<b>041321</b>	Extra 800 litre water tank including connections and frame extension. Only in combination with 800 litre or 1350 litre water tank
<b>04133</b>	Extra 1000 litre water tank including connections and frame extension. Only in combination with 600 litre or 1000 litre water tank
<b>041331</b>	Extra 1350 litre water tank including connections and frame extension. Only in combination with 800 litre or 1350 litre water tank
<b>048001</b>	Extension to dry-running protection for the high-pressure pump in the 2nd water tank. This protection is required for all Speck high-pressure pumps, including the NP25, P30, P41 and P45. This requirement is expressly stated in Speck's instructions for use.
<b>0440</b>	2 stainless steel baffles, mounted in 600, 800, 1000 or 1350 litre water tank (slows water movement in the tank when driving and increases driving comfort)
<b>041012</b>	Built-in filling connection with STORZ coupling (lug distance 66 mm.) with fine mesh filter
<b>048131</b>	Built-in venturi suction unit in combination with camlock filling connection, including 10 m hose, basket and override switch
<b>0474</b>	Automatic water tank filling system 12/24 V, installation of float system on filling connection and/or water hose reel (max 8 bars supply pressure)
<b>04431</b>	Dry-running protection override circuit (iROM)
<b>0484</b>	Pulsation system, manually operated. For reduced water consumption, the hose goes further into the pipe and passes through bends more easily
<b>0423511</b>	Hot water unit 70kW "Commercial design" on console, uses separate fuel tank (diesel), 40 m 3/8" heat-resistant hose and flue gas pipe. Complete package integrated on 2nd reel of the high-pressure machine (including conversion of filling hose reel to high-pressure reel and modifications to pipes/hoses). Suitable up to 300 bars.
<b>0423519</b>	80 m instead of 40 m 3/8" heat-resistant hose for hot water unit
<b>042320</b>	40 m 3/8" high-pressure steel-reinforced hose, max 300 bars
<b>04233</b>	40 m 3/8" high-pressure steel-reinforced hose, including quick-coupling nipple on hose and quick-coupling swivel on spray lance
<b>0551015</b>	Frost protection system via air compressor; forces water out of the high-pressure circuit (For frost-free transport and storage)
<b>0405</b>	Painted in different corporate colours (RAL)
<b>ST1000</b>	Schooling and practical training for your ROM machine at your location, consisting of one hour of theory and one hour of practical training. Ideal for ensuring correct and safe use of your machine

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)