

ROM EcoNomic | High-pressure sewer cleaning installation

‘Supreme comfort. Accelerating performance’



Compact, lightweight and optimal comfort. Add to this the very attractive price and you have made your choice. You benefit from the latest technology, such as our iROM control and the unique swivelling hydraulic high pressure hose reel with hinged guiding system and rotating control panel. The unit can be equipped with a Kubota industrial petrol engine and the Speck high pressure pump delivers a cleaning pressure up to max. 200w bar and a water capacity of up to 100 l/min. Ideal for the cleaning of house connections and sanitary sewer systems of up to max. Ø600mm.

Lightweight and compact

The EcoNomic is suitable for mounting in medium-sized commercial vehicles such as Toyota PROACE, Mercedes-Benz Vito / Sprinter, Volkswagen Transporter / Crafter, Renault Trafic / Master, Opel Vivaro / Movano, Ford Transit / Custom and Iveco Daily. Even the most powerful configurations are compact enough for these vehicles. Thanks to the compact design and low empty weight you can take on plenty of water and yet you are left with more (storage) space.

Cost saving

Apart from the sharply priced skid-mounted unit you will save money because the EcoNomic fits into vehicles that require only a modest investment.

iROM operation

The unit is equipped with iROM control incl. daylight display and waterproof touch-key operation (IP65). The intelligent operating system with canbus technology communicates interactively with a real-time functional display (including hour counter and engine rev counter for diesel machine) and automatic service-interval indicator.

The ease of use is optimal, because iROM gives the user information about the machine's functioning. The status can be read on the display and you are even warned with a signal as soon as your unit needs service for instance.

Reliable

The powerful and reliable Kubota engine and Speck high pressure pump ensure, together with the other high quality machine components, a long lifespan.

Swivelling hydraulically driven high pressure reel (225°)

Besides the handy iROM operation the unit is fitted with a swivelling hydraulically driven high pressure reel. The benefits:

- 180° reach - adjustable to practically in every working position
- Working sideways onto vehicle (left and right)
- Immediately ready for use without having to swivel first
- Reaches far outside of vehicle's door opening
- Hinged hose reel guiding system and rotating control panel

Luxurious by default

The EcoNomic is delivered standard with many amenities, such as the unique high pressure hose reel with hose guide, swivelling control panel, water filling hose reel and a heat exchanger with temperature protection. We have thought of every small detail to be able to perform. In addition to the very extensive basic version, you have a wide choice of options and accessories, including spraying the design caps in customer colour.

Options? See next pages

For more info, go to rombv.com

Technical information



Suitable for

Unblocking and cleaning of lines up to max Ø600mm
Facade, surface, and drain cleaning and light graffiti removal

Drive

Water-cooled industrial petrol engine
Electric starting system

High pressure pump

Speck P45 & P150/100, 3 plunger high pressure pump
Cleaning pressure up to 200 bars, with a water capacity of up to 100 l/min

High pressure reel

Hydraulically operated
Solid, powder coated reel with all-steel core
Suitable for max. 120m ½" (ND13) sewer jetting hose

Conservation

Sub frame hot-dip galvanised
Frame sand blasted and treated with rust-proofing primer
Frame and reels: RAL9006 White aluminium
Design covers: RAL2004 Pure orange

Standard features include i.a.

Remote control | Automatic KUBOTA engine start on operating panel and remote control
225° pivoting hydraulically-driven high-pressure reel (135° + 90°) & fold-out hose entry guide
iROM control
80m. hp hose | Dry run protection | Bypass switch
Suction-injector for anti-freeze | Working light (LED) | Nozzle rack | Spray gun



Advantages

- Low empty weight, so you can take on plenty of water
- Compact design for maximal (storage) space
- Stable and safe road holding with both empty and full tank, thanks to low centre of gravity
- iROM control
- Unique rotational HP reel with hose guiding system and swivelling control panel
- Integrated drip trays under reels
- Powerful Kubota engine with temperature control and maintenance free stainless steel exhaust
- Electric starting system and easy to reach emergency stop
- Powerful low maintenance Speck high pressure pump with ceramic plungers

Article number	0257351	0257551	0257750	02573421	0257950	02573423
Version	ROM EcoNomic 200/60 Industrial Petrol Comfort	ROM EcoNomic 150/75 Industrial Petrol Comfort	ROM EcoNomic 200/75 Industrial Petrol Comfort	ROM EcoNomic 200/75 Diesel Comfort	ROM EcoNomic 155/100 Industrial Petrol Comfort	ROM EcoNomic 150/100 Diesel Comfort
Starting system	Elektronisch					
Engine	24,2kW / 33hp KUBOTA WG972 EU Stage V & EPA Tier 4 Industrial Petrol engine		42,5kW / 58hp KUBOTA WG1605 EU Stage V & EPA Tier 4 Industrial Petrol engine	33 kW / 45hp KUBOTA V1505-CR-T EU Stage V & EPA Tier 4 Diesel engine	42,5kW / 58hp KUBOTA WG1605 EU Stage V & EPA Tier 4 Industrial Petrol engine	33 kW / 45hp KUBOTA V1505-CR-T EU Stage V & EPA Tier 4 Diesel engine
Pump	Speck P45/60	Speck P45/75				Speck P150/100
Water tank capacity	600l.					
Empty weight (excl. options)	Approx. 520kg.					
Dimensions (l x w x h)	1450 x 1250 x 1250mm					
HP reel drive	Hydraulically 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					



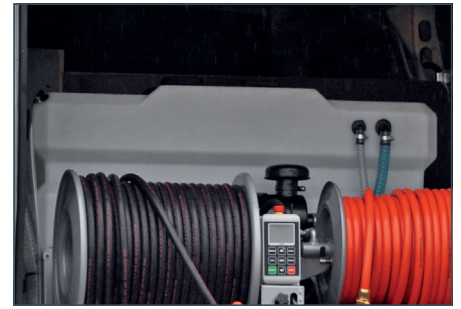
OPTIONS ROM ECONOMIC

04230



Second HP reel

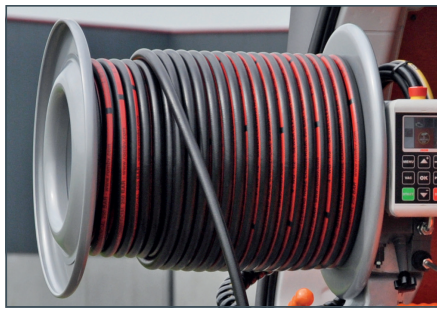
- Second HP reel instead of water filling reel, complete with 3-way valve/unloader combined system. Excluding HP hose.



Larger water tank

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

0485



Longer sewer jetting hose

- **04850** 100m. instead of 80m. 1/2" HP sewer jetting hose
- **04851** 120m. instead of 80m. 1/2" HP sewer jetting hose
- **048511** 90m. instead of 80m. 5/8" HP sewer jetting hose



Nozzle cases

- **00740** ENZ 1/2" nozzle case ROM 40 Years Anniversary Edition with Grenade, Pointed nozzle, Rotojet KBR, Tool Case
- **0070** Nozzle case ROM JetToolcase (Hose ND13 & ND16 with 1/2" connection)
- **00710** Nozzle case ROM JetToolcase+ (Hose ND13 & ND16 with 1/2" connection)

OTHER OPTIONS

Art.No. Description

026820	Mounting of installation in Barneveld, consisting of accessories, labour and mounting according to the European CE regulations. (EcoNomic)
040401	Fuel from vehicle fuel tank (Standard fuel tank falls due), including fuel lift pump and mounting set (excl. labour). Note: vehicle must use the same fuel as the ROM unit!
04790010	Surcharge Electrical radio remote control HeavyDuty-Remote ("In- & Outdoor"), 10 buttons with pressure on/off, infinite speed control, information feedback through LED, information display, external antenna, removable rechargeable battery, emergency stop and battery charger for transmitter instead of radio remote control Professional-Remote, 8 buttons (iROM)
04794	Unwinding of HP hose reel via remote control (only in combination with hydraulically driven HP reel and 8 or 10 button remote control)
0479500	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 04794)
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).
041012	Fixed hydrant filling connection equipped with STORZ coupling (cam size 66mm.) with filter. (EcoNomic+EcoFit)
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
0423510	High pressure hot water unit 70kW "Commercial design" on a bracket, uses fuel tank (diesel) of machine, 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. * Advice: order art. no. 0404 Fuel from vehicle fuel tank.
0423519	80m. instead of 40m. 3/8" heat resistant hose for hot water unit
0551015	Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage) (not for SmartTrailer)

* Consult your local partner or ROM for all the possibilities concerning "lining" in your skid mounted vehicle.

Parts for preventive maintenance? Save money by including a maintenance kit with your order. Consult your local partner or ROM.

