

## ROM EcoFit

### High-pressure sewer cleaning installation



**Maximum power, versatility and optimal comfort. The revolutionary ROM EcoFit is built to carry out the toughest work. If you choose our 'Beast', you will benefit from the latest sewer cleaning technologies every day. A 270°-rotatable high-pressure reel, iROM control, and the unique 'ROM 3 reel system' results in a superior machine that allows you to deal with any blockage. With a cleaning pressure up to 200 bar and a water capacity up to 130 l/min, the EcoFit is suitable for unblocking and cleaning domestic sewage connections and main sewer systems up to Ø600 mm.**

#### 'ROM 3 reel system' for maximum usability

The EcoFit comes with two hydraulically-operated reels as standard. A unique feature is that the reels are also suitable for high-pressure hoses with a larger diameter and longer lengths. This means you can use it to clean pipes with larger diameters and for longer distances. You can equip a reel with 120 m 5/8" or 3/4" high-pressure hose for pipes of Ø200 - 600 mm and the second reel equipped with a 120 1/2" high-pressure hose for cleaning pipes from Ø70 - 200 mm. You even have an optional choice for a third reel with a water filling hose. This creates countless possibilities.

#### Wide choice of water tanks

Choose from an 800, 1000 or 1350-litre water tank. For extra water capacity, you can choose two of these water tanks. Combine them as you wish. For example, 800 plus 800 litres = 1600 litres.

#### Makes light work of the toughest jobs

The machine has a 270°-rotatable high-pressure reel with a range of over 1 metre outside the vehicle so you can work on both left and right hand sides of the vehicle. You can turn the reel outwards with just one finger. The high-pressure hose can then be unrolled automatically at the push of a button. An important advantage is that the reel can also be used without having to pivot out. All this is done at the most ergonomic working height.

#### Lightweight and compact

The EcoFit fits in (medium-)heavy commercial vehicles such as the MB Sprinter, Volkswagen Crafter, MAN TGE, Iveco Daily and Renault Master. Even the most powerful configurations are compact enough for these vehicles. Thanks to the compact design and low empty weight, you can carry large quantities of water and retain more storage space.

#### iROM control

The EcoFit is equipped with iROM control, including daylight display and waterproof touch-key controls (IP65). The intelligent control system communicates interactively via canbus technology with a real-time functional display (hour and rev counter, etc.) and automatic service interval indicator.

#### Indestructible

Thanks to the use of extremely strong materials, A-brand parts, and more than 40 years of experience, you can rely on the EcoFit. Day in, day out. Nothing has been left to chance. For example, the water tanks are not attached directly to the base, which prevents abrasion and wear. In addition to the very capable basic version, there is a wide choice of options and accessories.

Visit [rombv.com](http://rombv.com) for more info.

Options? See overleaf

## Technical information



### Suitable for

Unblocking and cleaning (sewer) pipes up to Ø600 mm  
Façade, surface and drainage cleaning and removal of light graffiti

### Drive

Water-cooled petrol engine  
(also available in Power Take-Off: see ROM EcoFit Power Take-Off)  
Electronic start-up system

### High-pressure pump

Speck P45, P55 & P150/100, 3 plunger high-pressure pump  
Cleaning pressure up to 200 bar and a water capacity up to 130 l/min.

### Reel 1

Hydraulically-driven high-pressure reel  
Solid (electrolytic) galvanised high-pressure reel  
Suitable for max. 120 m 1/2", 120 m 5/8" or 120 m 3/4" Trellet

### Reel 2

Hydraulically-driven water filling hose reel incl. 50 m 3/4" water hose (ND 20)  
Optional: replace water filling hose reel for 2<sup>nd</sup> hydraulically-operated high-pressure reel (max. 120 m 1/2")

### Reel 3 (optional)

Extra, manually driven water filling hose reel incl. 50 m 3/4" water hose (ND20).  
Note: Reel 2 is then equipped with a 2<sup>nd</sup> hydraulically-operated high-pressure version, which means the filling function is no longer applicable on reel 2

### Preservation

Base frame hot-dip galvanised | Machine frame, swivel arm and subframe sprayed in RAL7016 Anthracite grey | Front plate sprayed in RAL2004 Pure orange  
Reel made from steel, sprayed in RAL 9006 White aluminium coloured  
Other metal (plate) parts are electrolytically galvanised

### As standard, equipped with

Large 800/1000/1350-litre water tank and 30-litre fuel tank  
Two hydraulically-driven reels (option: 3<sup>rd</sup> reel)  
270° rotatable hydraulically-driven high-pressure reel (180° + 90°) & hose feed guide, rotatable iROM control system and stainless steel drip tray  
iROM operating system, incl. daylight display and waterproof touch-key operation (IP65)  
Water filling hose reel with 50 m 3/4" water hose (Hydraulically operated)  
Dry-run protection for the high-pressure pump

## Benefits

- Two hydraulically-operated reels as standard
- Optional 3<sup>rd</sup> reel available
- Hydraulically-operated, 270° rotatable high-pressure reel (can be used in rest position and swivelled position)
- Rotatable 2<sup>nd</sup> reel, iROM operation and stainless steel drip tray
- Maximum power (cleaning pressure and flushing capacity)
- Effectively clean pipes with larger diameters and longer distances due to the fitting of larger diameter/longer length hoses on the reels
- Heat exchanger for optimal temperature control
- Wide choice of water tanks
- Low centre of gravity for stable and safe handling with both empty and full tank
- Hot-dip galvanised base frame
- Double wall insulated stainless steel damper
- Water filter with automatic water stop and washable element
- Toothed belt drive: higher efficiency drive and longer service life
- Maintenance-friendly: parts can be reached easily to carry out preventive maintenance

Article number	02806012	02806015	02806022	02806025	0280606	0280607
Name	ROM EcoFit 200/75 Industrial Petrol	ROM EcoFit 200/72 Diesel - STAGE 5	ROM EcoFit 155/100 Industrial Petrol	ROM EcoFit 150/100 Diesel - STAGE 5	ROM EcoFit 200/100 Diesel - STAGE 5	ROM EcoFit 160/130 Diesel - STAGE 5
Starter system	Electronic					
Engine	42,5kW / 58hp KUBOTA WG1605 EU Stage V & EPA Tier 4 Industrial Petrol engine	33kW / 45hp KUBOTA V1505CR-T EU Stage V Diesel	42,5kW / 58hp KUBOTA WG1605 EU Stage V & EPA Tier 4 Industrial Petrol engine	33kW / 45hp KUBOTA V1505CR-T EU Stage V Diesel	44kW / 60pk KUBOTA V2403-CR-T EU Stage V & EPA Tier 4	
Pump	Speck P45/75	Speck P45/72	Speck P45/60	Speck P150/100	Speck P55/100	Speck P55/130
Tank capacity	800l		1000l			1350 l
Empty weight	Approx. 850kg	Approx. 895kg	Approx. 865kg	Approx. 895kg	Approx. 950kg	
Dimensions (l x b x h)	1605 x 1365 x 1585mm	1930 x 1365 x 1585mm	1935 x 1295 x 1585mm	2260 x 1365 x 1585mm		
Reel 1	Hydraulically driven high-pressure reel					
HD sewer cleaning hose	80m ½" (ND13)		80m 5/8" (ND16)			80m 3/4" (ND20)
Reel 2	Hydraulically driven water filling hose reel incl. 50 m 3/4" water hose (ND 20)					
Reel 3 (optional)	Extra, manually operated water filling hose reel incl. 50 m 3/4" water hose (ND20). Note: Reel 2 is equipped with a 2 <sup>nd</sup> hydraulically-operated high-pressure version, meaning the filling function is no longer applicable on reel 2					

Options? See overleaf



# ROM EcoFit PTO

**TAKE ADVANTAGE OF THE BENEFITS OF MECHANICAL POWER TAKE-OFF. CHOOSE DRIVE FROM VEHICLE ENGINE**

Free  
installation in  
Mercedes Benz  
Sprinter or  
Iveco Daily

## Benefits of mechanical Power Take-Off

- Weight saving (for example, no separate combustion engine and/or large hydraulic tank)
- Maintenance friendly (Less parts = less wear)
- Less noise pollution (vehicle engine is quieter)
- More environmentally friendly (consumption of vehicle engine is generally more friendly to the environment than machine's combustion engine)
- High-pressure pump is not powered by hydraulic oil (minimum chance of contamination) for Mechanical Power Take-Off

*Note: Please consult ROM in advance for vehicle advice.*

## ROM EcoFit Power Take-Off High-pressure sewer cleaning installation

Article number	0280611	0280613	0280615	0280617	0280621
Name	ROM EcoFit 200/72 Power Take-Off	ROM EcoFit 150/100 Power Take-Off	ROM EcoFit 250/60 Power Take-Off	ROM EcoFit 160/130 Power Take-Off	ROM EcoFit 'All-Terrain edition' 450/30 & 160/86 Power Take-Off with 2 high-pressure pumps
Starter system	-				
Engine	PTO - "Emission compliant"				
Pump	Speck P45/72	Speck P150/100	Speck P45/60	Speck P55/130	Speck P52/30 & NPR25/60
Tank capacity **	1000l			1350 l	1000l
Empty weight (excl. options)	Approx. 950kg	Approx. 975kg	Approx. 950kg	Approx. 1000kg	
Dimensions *** (l x b x h)	2030 x 1365 x 1585mm				
Reel 1	Hydraulically driven high-pressure reel				
HD sewer cleaning hose	80m ½" (ND13)	80m 5/8" (ND16)	80m ½" (ND13)	80m 3/4" (ND20)	80m 5/8" (ND16)
Reel 2	Hydraulically operated water filling hose reel incl. 50 m 3/4" water hose (ND 20)				Hydraulically operated high-pressure reel with hot water supply incl. 80m 3/8" hot water-resistant high- pressure hose (ND 10)
Reel 3 (optional)	Extra, manually operated water filling hose reel incl. 50 m 3/4" water hose (ND20). Note: Reel 2 is equipped with a 2 <sup>nd</sup> hydraulically-operated high-pressure version in which the filling function is no longer applicable on reel 2				

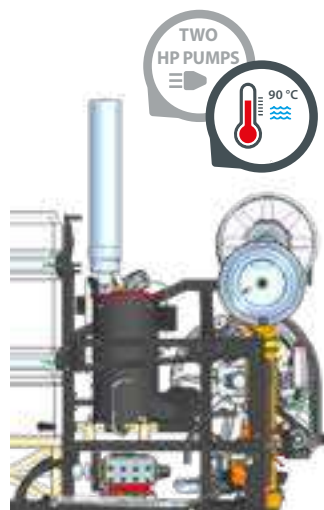
\*\* Tank capacity: 800, 1000, 1350, 1600, 2000, 2700 litres.

\*\*\* Note: The installation can also be made shorter by choosing a more compact water tank

### ROM ECOFIT PTO 'ALL-TERRAIN EDITION'

The ROM EcoFit Power Take-Off is also available in a special version for maximum versatility of use. The well-equipped 'All-Terrain edition' is a real all-rounder and makes light work of the toughest jobs. The all-round machine is equipped with two powerful high-pressure pumps and a hot water unit for maximum freedom of choice.

- ✔ Exceptional cleaning pressure: 450 bar - 30 l/min.  
Maximum cleaning power for the removal of rust, ice and grease in pipes (such as is found in the stand pipes of high-rise buildings)
- ✔ More rinsing capacity: 160 bar - 86 l/min.  
Optimal flushing effect in larger (sewer) pipes
- ✔ Powerful 70 kW hot water burner (90°)  
Clean with hot water to liquefy blockages, such as ice and grease, and wash them away easily and quickly
- ✔ The hot water and spray gun with lance mean you can clean surfaces very effectively



### Benefits of the 'All-Terrain'

- Take advantage of the benefits of the ROM EcoFit with wide selection of extras
- Use 1<sup>st</sup> high-pressure pump for maximum cleaning pressure: 450 bar - 30 l/min.
- Simultaneously switch on the 2<sup>nd</sup> high-pressure pump for increased flushing capacity: 160 bar - 86 l/min.
- Clean with cold or hot water
- Supplied with powerful 70 kW hot water burner as standard. Achieves 90° for maximum effect
- Hot water is available immediately due to the separate burner. You can start work immediately. Several steps of water heating by circular pumping is not required. This saves considerable time and fuel
- Improved cleaning result with much less water so you can clean more pipes without frequent refilling



## OPTIONS ROM ECOFIT

0478850



### Remote control Professional-Remote

- Electric radio remote control Professional-Remote ("In- & Outdoor")
- 8 buttons with pressure on/off, infinite speed control, information feedback through LED, emergency stop and battery charger for transmitter. (iROM)

04790000



### Remote control HeavyDuty-Remote

- 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. (iROM)



### Longer hoses and larger diameters

- **0485050** 100m. instead of 80m. 1/2" HP hose
- **0485150** 120m. instead of 80m. 1/2" HP hose
- **04852** 100m. instead of 80m. 5/8" HP hose
- **0485201** 120m. instead of 80m. 5/8" HP hose
- **04853** 80m. 3/4" instead of 80m. 5/8" HP hose
- **04854** 120m. instead of 80m. 3/4" HP hose

0423



### Second HP reel

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



### Extra water tank capacity

- **041321** Additional 800l. water tank
- **04133** Additional 1000l. water tank
- **041331** Additional 1350l. water tank
- **04131201** 1000l. instead of 800l. water tank
- **04131202** 1350l. instead of 800l. water tank
- **041313** 1350l. instead of 1000l. water tank

0423510



### Hot water unit

- High pressure hot water unit 70kW "Commercial design" on a bracket, uses fuel tank of machine, 40m. 3/8" heat resistant hose and funnel

040313



### Additional filling hose reel (reel 3)

- Additional manually operated filling hose reel (reel 3) with 50m. 3/4" filling hose (ND20). Note: Reel 2 is fitted with a 2nd HD version in which filling function on reel 2 expires.

043721



### Automatical hose guiding system

- Automatical hose guiding system for reeling and un-reeling of HP hose on reel 1 by means of cross spindle system, incl. adjustment of hose guiding system | hose length max. 120m. 1/2", 120m. 5/8" or 120m. 3/4"



### Nozzle cases

- **0071601** Nozzle set 3/4", consists of grenade 52, rotating nozzle, pointed nozzle.
- **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

<b>0269</b>	Mounting of installation in Barneveld, consisting of installation package, accessories, labour and mounting according to the European CE regulations. (EcoFit Petrol & Diesel)
<b>04012</b>	Installation kit, consisting of e.g. galvanised mounting plates, assembly items, flexible stainless steel exhaust pipe, bandage and connectors.
<b>0404</b>	Fuel from vehicle fuel tank (Standard fuel tank falls due), including fuel lift pump, piping, labour and mounting.
<b>040401</b>	Fuel from vehicle fuel tank (Standard fuel tank falls due), including fuel lift pump and mounting set. Note: vehicle must use the same fuel as the ROM unit!
<b>0447</b>	Separate fuel tank.
<b>04794</b>	Unwinding of HP hose reel via remote control (only in combination with hydraulically driven HP reel and 8 or 10 button remote control)
<b>0479500</b>	Reeling of high-pressure hose reel via remote control up to a safe distance of 5 metres from the machine
<b>047961</b>	Automatic KUBOTA engine start on operating panel and remote control. In case of 8 or 10 buttons remote control included; indication through LED on the transmitter once the engine is running" (iROM)
<b>041700</b>	Additional cable reel with 50m. cable (only available in combination with option Electrical radio remote control HeavyDuty-Remote, 10 buttons, iROM)
<b>0424013</b>	Working light (LED) mounted near HP reel incl. mounting kit
<b>04131101</b>	800l. instead of 1000l. water tank
<b>04131102</b>	800l. instead of 1350l. water tank
<b>048001</b>	Extension dry run protection for the HP pump in the 2nd water tank and hydraulic reel
<b>0440</b>	2 stainless steel anti-surge baffle plates mounted inside 600, 800, 1000 or 1350l. water tank (Reduces rocking and increases driving comfort).
<b>041012</b>	Fixed hydrant filling connection equipped with STORZ coupling (cam size 66mm.) with filter.
<b>0411</b>	Extending hydrant filling connection equipped with STORZ coupling (cam size 66mm.) with filter
<b>0481</b>	Fixed venturi type ejector including 10m. Hose (ND50) and a Professional self floating synthetic basket. Connected onto water tank of the HP system.
<b>0474</b>	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).
<b>0549</b>	Suction-ejector for anti-freeze, hose included. Equipped with quick connection.
<b>04431</b>	Bypass switch dry run protection (iROM)
<b>0484</b>	Pulsation system, manually operated. For a lower water consumption and the hose advances further in the pipe and passes through bends easier
<b>0423519</b>	80m. instead of 40m. 3/8" heat resistant hose for hot water unit
<b>042320</b>	40m. 3/8" HP steelplly hose, max. 300 bar
<b>04233</b>	40m. 3/8" HP steelplly hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spray lance.
<b>0551015</b>	Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage)
<b>0551050</b>	Frost Protection System via Webasto AirTop 2000ST heater, including thermostat, battery combiner and additional 74Ah battery, connected to ROM HP installation's fuel tank (built in B'veld, NL) (ROM van pack units)
<b>0551070</b>	Frost Protection System via Webasto AirTop 2000ST heater, including thermostat, battery combiner and additional 74Ah battery, connected to vehicle (built in B'veld, NL) (ROM van pack units)
<b>04051102</b>	Swivelling arm and sub frame spray painted in special company colour (RAL)

\* 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.

Note: The options for the EcoFit PTO may vary slightly. Refer to ROM.

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