



World's most innovative and user friendly
sewer cleaning equipment



Product Catalogue



Sewer cleaning equipment

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ROM bv

ROM is a specialist in sewer jetting and toilet servicing equipment. We focus on the sewer cleaning and toilet servicing sector, and state, provincial, and municipal governments. ROM was founded in 1980 and, since 2004, we belong to one of the six specialised companies of the KOKS Group. With over 35 years of experience and over 50 local partners in 30 countries, ROM has transformed into a dynamic and international company.

Eugène Plompen Managing director

"Quality, knowledge, and trust are 'must haves' which are taken for granted nowadays. However, we believe that this is not enough to distinguish our company from the competition. In achieving corporate success, our employees represent the main component. Their commitment, creativity, and innovative capacities determine the success of our company. This is why we speak of a "WE" culture! Our company culture is based upon open and honest communication. This way, we can respond properly to all of the industry's and our customers' wishes and needs and translate these into a high quality product. Knowledge, advice, and clear communication are our focal points. At ROM, we do what we say and we say what we do. This does not only go for our company itself, but also for the relationships with our customers and our partner network which represents ROM all over the world."



From the Sahara to the North Pole

We produce our sewer cleaning and toilet servicing equipment in our factories in the Netherlands and in Brno in the Czech Republic. Not only do we supply our equipment to customers in the Netherlands, but also far beyond its borders. Our customers are located all over Europe, Asia, Africa, and South America.

Why do so many professionals choose ROM machines? The answer is simple: trust. Every day, thousands of ROM machines are deployed in countless harsh environments. These units operate in extremes of heat and cold, withstand dirt and mud, and perform reliably day in and day out. ROM equipment is known all over the world as the leading brand, with products which allow professionals like you to complete jobs more quickly and reliably.

One of the design parameters for developing ROM equipment is efficient operation. We engineer ease-of-use into every product. Efficient operation leads to more jobs, higher revenues, and increased customer satisfaction. We are committed to introducing new ways to help your business grow and prosper.



Quality & Innovation: Structural analysis using the finite element method



In house production

At ROM, everything revolves around the development, manufacturing, and sales of high quality sewer cleaning and toilet servicing equipment. A selection of our equipment range; high pressure sewer jetting trailers, skid-mounted sewer jetting machines, vacuum units, and combined units. On top of that, ROM also represents a number of brands, such as RIDGID Kollmann inspection, location, and draining equipment, ENZ nozzles, and Trelleborg Epros sewer renovation technologies.

Development

ROM continuously invests in the development of new technologies. Our engineering departments in the Netherlands and the Czech Republic are always working on improving and creating new high quality and innovative solutions. Efficient operation, optimum ease of use, value for money, and contemporary design are important starting points.

Lean manufacturing

At ROM, we produce according to the "Lean method"; minimising waste and unnecessary resources, and better management of the procedures. As a result, all the energy and creativity of our company is focused on optimising all the aspects which are most important to our customers; price, quality, delivery times, service, maintenance, durability, and the environment.

Approved and certified

ROM is ISO 9001 certified and only supplies equipment which has the CE marking. All equipment has been approved and certified in accordance with the legal standards and directives concerning quality, safety, occupational health and safety, the environment, and durability.



Professional service team

When purchasing a ROM, you get more than just high quality equipment. Even after your product has left our showroom, we continue to feel responsible. A professional service team, in house and in the field, is at your disposal. Our service organisation operates in the Netherlands, Belgium, and in the German state of North Rhine-Westphalia. For all other areas, we have local partners at your disposal (through our elaborate international partner network) for all your servicing inquiries.

Our after sales department aims to aid our customers as much as possible and to ensure optimum performance of your machine at the lowest possible costs. Technical know-how is important, but consideration for the client is even more vital. We would love to explain how to get the most out of your machine, how to prevent wear and tear, and how to increase the lifespan of your machine by frequent servicing and maintenance. Our service saves you time and money. Now, and in the future.

ROM Maintenance kits

A ROM machine is a high quality, reliable unit which is designed to perform, and especially to continue performing well. No matter if you have a toilet servicing unit, high pressure sewer jetting trailer, skid mounted jetter, or a combined high pressure and vacuum unit, you should always be able to rely on your machine. This is why it is so important to pay close attention to the maintenance of your machine. For this, ROM offers you various maintenance kits. Please consult your local partner or contact ROM.

SPARE PARTS 24/7

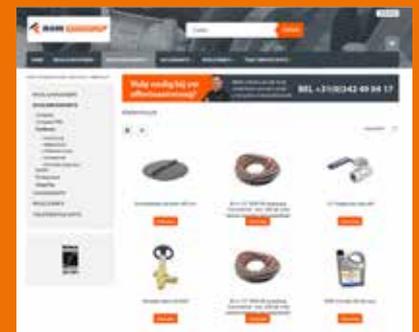
From high pressure hoses to filters and from valves to gaskets for high pressure pumps: we have all the parts you need in order to do your job. ROM parts are synonymous with quality, warranty, and a long lifespan. And also, we offer them against competitive prices!

Many common parts are directly available from our warehouses. Thanks to our extensive stock, we are able to deliver your ordered parts very rapidly and perform speedy repairs.



ROMpartsshop.com is the leading parts web shop for sewer cleaning and toilet servicing equipment. Here you can easily order your wear parts and accessories for your high pressure sewer jetting machines, vacuum installations, and toilet servicing units online.

Via this parts web shop, you have access to hundreds of parts. 24 hours a day and 7 days a week.



 ROM <small>KOKS Group</small>	 KOKS <small>Group</small>	 EUROM <small>KOKS Group</small>
ROM bv  The Netherlands www.rombv.com	KOKS Group bv  The Netherlands www.koks.com	EUROM Sales s.r.o.  Czech Republic www.eurom.cz
1	2	3



ROM: From the Sahara to the North Pole

A RELIABLE PARTNER

In the sewer cleaning industry, investments are long term. Because of this, it is a reassuring thought to know that ROM is a solid company within the successful KOKS Group. This gives you the security that, even after years, you can still order your parts and can count on us for servicing and maintenance. We are backed up by an elaborate and powerful partner network in Europe and far beyond, which ensures good accessibility and fast reaction times.

OVER 50 PARTNERS IN 30 COUNTRIES

Worldwide, ROM has access to over 50 representatives in over 30 countries, consisting of ROM partners and ROM service partners, where a large number of partners fulfill both functions. In this case, they maintain the premise of "One Stop Shopping", which means that you as our customer can be completely serviced and assisted at just one single location; for purchasing a new unit, for parts and accessories, and even for maintenance and repairs. More info? www.rombv.com

 Underground Technical Services Ltd Ireland www.utsld.ie	 Motorrens SL Spain www.motorrens.es	 Klenco Pte Ltd. Singapore www.klenco-asia.com	 BC Systems SIA Latvia www.cleazone.lv	 YESBAGS Algeria www.yes-bags.com
 Whale Tankers Ltd United Kingdom www.whale.co.uk	 Gebrüder Baltensperger A.G. Switzerland www.gebaltag.ch	 PAL Inženiring d.o.o. Slovenia www.pal-inzeniring.si	 Vretmaskin AB Sweden www.vretmaskin.se	 Test Sanat Co. Iran www.testsanat.com
Al Durra Al Durra UAE www.rombv.com	 U.R. Technik Switzerland www.urtech.ch	 Güneri Makina San. ve Tic. A.Ş. Turkey www.gunerimakina.com	 Magne Gitmark & Co AS Norway www.gitmark.no	 PT. Dayacitra Utamipratama Indonesia www.dayacitra.com
 Gerotec GmbH Germany www.gerotec.de	 Dietmar Kaiser AG Liechtenstein www.dietmarkaiser.com	 Next Poland www.next-tk.pl	 Robotechnik Kft. Hungary www.robotechnik.hu	 Agra Trgovina d.o.o. Croatia www.agra-trgovina.hr
 JCOSTIBA Portugal www.jcostiba.pt	 Aleco S.r.l. Italy www.aleco.it	 C-TV/Tekniske Artikler A/S Denmark www.c-tv.dk	 Merkator Russia www.merkatorgroup.ru	 BIDUD PLUS Ltd. Israel www.bidud-plus.co.il
 El Alameia Egypt www.elalamia.co	 Nuova ConTec S.r.l. Italy www.nuovacontec.com	CHEBBI Water CHEBBI Water Tunisia www.rombv.com	S.C. San Euro Stil S.R.L. S.C. San Euro Stil S.R.L. Moldova www.rombv.com	 Mas-Industria Ecuador www.masindustria.com
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 PANATEC Spain www.panatec.net	 Pickart Fahrzeugtechnik GmbH Austria www.pickart.at	 New GRADEKO d.o.o. Bosnia Herzegovina www.newgradeko.com.ba	 MOO, Equipos E Ingeniería Ltda Chile www.moo.cl	



SEWER JETTING TRAILERS

Our professional high pressure sewer jetting trailers are suitable for the cleaning of house connections and main sanitary sewer systems up to Ø600mm.

The trailers are available with a petrol or diesel engine. You can adjust the high pressure and water capacities to the chosen working area.

The high pressure pump provides a cleaning pressure of up to max. 200 bar and a water capacity of up to max. 100 litres per minute. Several water tank capacities are available, e.g. 400, 650, and 900 litres.

ROM trailers can be found around the world at municipalities, specialised sewer cleaning companies, and contractors.

These machines can be used for the following purposes:

- Cleaning and unblocking of lateral lines and main lines
- Cleaning and unblocking of drains (Ø70mm) and smaller lines
- Facade / surface cleaning
- Drain cleaning
- Graffiti removal
- Oil spill control



The above mentioned applications are merely examples of the many possibilities. On the following pages you will find more information concerning the specific machines. More information? Consult your local ROM partner or contact ROM.

ROM SmartTrailer

High pressure sewer jetting trailer



The ROM SmartTrailer sewer jetting trailer is suitable for the unblocking and cleaning of lateral lines and main lines in the sanitary system up to Ø300mm. The machine can also be employed for facade, surface and drain cleaning. The trailer can even be used for light graffiti removal. The perfect solution for sewer cleaners, plumbers and municipalities.

Compact power machine

This sewer jetter is proof that compact and power go together really well. With a cleaning pressure of up to max. 150 bar and a water capacity of up to max. 50l/min, the SmartTrailer is a force to be reckoned with.

Easy to operate

The SmartTrailer can easily be operated by anyone. The job will be done in no time at all.

Safe driving habits

A comfortable driving experience thanks to the trailer's low centre of gravity. This ensures both stable and safe road holding.

Standard driving licence sufficient

The machine's weight is so low, that it can be towed by any vehicle. Even with a full water tank, the total weight of the vehicle remains below 750kg. Therefore, a trailer (or other specific) licence is not required. Because a standard driving licence is sufficient, the SmartTrailer can be used very flexibly in terms of required personnel and vehicle fleet.

Maintenance friendly

The ROM SmartTrailer is a maintenance friendly machine. Thanks to the combination of a B&S engine and a Speck high pressure pump, the unit requires little maintenance. The optional bonnet has a wide opening angle, which is ideal for servicing the engine/pump compartment.

Easy to park

The SmartTrailer can be parked practically anywhere thanks to its compact design. Moreover, the trailer is so light weight that you can easily push it anywhere by yourself, even through the narrowest of streets.

Top quality for a low price

Despite its sharp pricing, the machine is full of high quality parts; a Speck high pressure pump, a robust electro galvanised HP reel and a hot-dip galvanised frame.

Operate from a distance

Go for the optional remote control and work even more efficiently, ergonomic and safely. Makes it possible to operate the machine by yourself and work from a greater distance. Includes emergency stop button.

Options? See next pages

For more info, go to rombv.com

Technical information



Suitable for

Unblocking and cleaning of lines up to max Ø300mm
Facade, surface, and drain cleaning and graffiti removal

Drive

4 stroke air-cooled petrol engine
Manual starting system or Electric starting system

High pressure pump

Speck NP25, three cylinder plunger pump
Cleaning pressure up to max. 150 bar and a water capacity up to max. 50 l/min

High pressure reel

Manually operated
Robust, electro galvanised high pressure reel
Suitable for max. 80m 1/2" (ND13) sewer jetting hose
ROM maintenance-free bearing & external radial swivel joint

Conservation

Hot-dip galvanised frame
Other metal (plate) parts electro galvanised

Standard features include i.a.

Fully integrated water tank (400 litres)
High pressure sewer jetting hose 50 metres
Toolbox (60l.) with stainless steel cover
Several accessories, such as an infinitely adjustable pressure regulator, pressure gauge and water filter with automatic stop valve



Advantages

- Multi-purpose
- User friendly
- Light weight
- Perfect for lighter commercial vehicles
- Standard driving licence is sufficient
- Compact
- City centres and parking garages are easily accessible
- Can be parked practically anywhere
- Optimum performance in the harshest of circumstances
- Reliable industrial engine/pump combinations
- Maintenance friendly
- Hot-dip galvanised frame
- 400 litre water tank
- Safe (CE marking)

Article number	02215	02217	02218	02219
Version	ROM SmartTrailer 150/40 without bonnet	ROM SmartTrailer 150/40 with bonnet	ROM SmartTrailer 150/50 without bonnet	ROM SmartTrailer 150/50 with bonnet
Starting system	Manual starting system	Electric starting system	Manual starting system	Electric starting system
Engine	Petrol, 13.2kW / 18hp B&S Vanguard		Petrol, 16.9kW / 23hp B&S Vanguard	
Pump	Speck 150 bar - 40l/min		Speck 150 bar - 50l/min	
Water tank capacity	400l			
Empty weight (excl. options)	Approx. 300kg	Approx. 320kg	Approx. 310kg	Approx. 330kg
Dimensions (l x w x h)	2750 x 1240 x 1050mm			
HP reel drive	Manual			
HP sewer jetting hose	50m 1/2" (ND13)			
Water filling hose reel	Optional: Manually operated water filling hose reel with 50m 3/4" filling hose (ND20)			



OPTIONS ROM SMARTTRAILER

047853



Remote control Smart-Remote

- Electrical radio remote control Smart-Remote
- 3 buttons with pressure on/off, automatic gas control and emergency stop (Only suitable for SmartTrailer petrol versions with option 'electric starting system')
- Work more efficiently, ergonomically, and safely
- Makes it possible to operate the machine by yourself and work from a greater distance

0425



Rotating beacon 360° (LED) on pole

- For maximum safety
- Not in combination with option 'working light on pole'
- Only available in combination with option 'Electric starting system'

04243



Working light (LED) on pole

- For illumination of your work space
- Not possible in combination with option 'Rotating beacon on pole'
- Only available in combination with option 'Electric starting system'

04022



Manually operated filling hose reel

- Quick refilling of the water tank with the manually operated water filling hose reel with 50m 3/4" hose (ND20)

04103



Fixed hydrant filling connection

- Fixed hydrant filling connection equipped with STORZ coupling (cam size 52mm.) with filter on the water tank

04840



Longer sewer jetting hose

- 80m. instead of 50m. 1/2" HP sewer jetting hose

0405



Spray painted in specific colour

- The bonnet can be spray painted in your company colour (RAL colour tones)

290800



Spray gun

- Spray gun with lance 70cm. and flatspray nozzle
- For surface cleaning and removal of (light) graffiti



Nozzle sets

- **00713** Nozzle set 3/8", consists of grenade, rotating nozzle, pointed nozzle
- **00716** Nozzle set 1/2", consists of grenade 51, rotating nozzle, pointed nozzle

OTHER OPTIONS

Art.No.	Description
04780	Electric starting system instead of hand start; incl. maintenance free battery
04782	Automatic gas control SmartTrailer (minimum - maximum gas)
04210	Dry run protection for HP pump, without signalling. This protection is necessary in combination with all Speck HP pumps, including the NP25, P30, P41 and P45. This is explicitly stated in the instructions for use by Speck
04154	Nose wheel with safety stop instead of pole for optimal manoeuvring, including mounting
0434	Nozzle storage rack mounted on installation
00168	TÜV vehicle approval test
001695	European Type Approval, consists of a general document to realise final end user registration
397362	Plug adapter from 7 pin (Vehicle) to 13 pin (ROM Trailer)
TRB200	Net discount picking up ROM SmartTrailer in Brno, Czech Republic instead of in Barneveld, The Netherlands. Delivery: FCA Brno CZ (Incoterms 2010)

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

Ask for our package deals



ROM SmartTrailer PRO

High pressure sewer jetting trailer



The new ROM SmartTrailer PRO sewer jetting trailer: packed with smart solutions based on over 35 years of experience. Perfect for the unblocking and cleaning of lateral lines and main lines in the sanitary sewer system up to Ø400mm. You can go for a petrol or a diesel engine, a cleaning pressure of up to max. 200 bar and a water capacity of up to max. 60 l/min.

Spacious 650 litre water tank

By clever use of space and material, the SmartTrailer PRO is compact, light weight and equipped with a spacious water tank of 650 litres. This way, you can continue your work activities longer.

Stable road holding thanks to unique transit

The SmartTrailer PRO has a unique transit space in its water tank. Perfect for the storage of longer tools. Also, the transit stabilises the water in the tank for safe handling.

Smart tool boxes

Always the right tools within reach thanks to the two extensive standard tool boxes. With integrated holders for storing nozzle cases and safety cones.

Optimal operating ease

Thanks to the ergonomic located reels, electric starting system, full operation at the rear and the easy to reach emergency stop button, every job is a piece of cake.

User friendly electrically driven HP reel

The SmartTrailer PRO can be equipped with an electrically driven high pressure reel with hose guiding system. This allows for easier operation and is also very environment friendly.

Get to work faster without any additional actions

Having to open the bonnet prior to commencing your work activities is not necessary thanks to the well thought out thermal management. The heat is dissipated through the grille.

Extremely rigid

The Scorpion skeleton provides optimum rigidity and strength. The base frame and chassis are hot-dip galvanised and the chassis is from the high quality brand AL-KO.

Compose your own SmartTrailer PRO

Our newest unit is standardly very complete. Select the required cleaning pressure, water capacity, and expand the SmartTrailer PRO with additional options such as an electric HP reel, a bonnet spray painted in your company colour, or a nozzle case.

And if you opt for a diesel version with remote control, we provide you with our user and maintenance friendly iROM operation totally free of charge!

Options? See next pages

For more info, go to rombv.com

Technical information



Suitable for

Unblocking and cleaning of drains and sewers up to max Ø400mm
Facade, surface, and drain cleaning and graffiti removal

Drive

Petrol or diesel
Electric starting system

High pressure pump

Speck NPR25, 3 plunger high pressure pump
Cleaning pressure up to max. 200 bar and a water capacity up to max. 60 l/min

High pressure reel

Manually operated or electrically driven
Robust, electro galvanised high pressure reel
Suitable for max. 80m ½" (ND13) sewer jetting hose

Conservation

Base frame / chassis is fully hot-dip galvanised
Scorpion skeleton, bumper and other bodywork: powder coated in RAL 7016 anthracite grey

Standard features include i.a.

Spacious water tank (650 litres) and fuel tank (30 litres)
2 spacious tool boxes
Polyester bonnet and toolbox covers supplied in gelcoat RAL 9010 Pure white
Manually operated water filling hose reel with 50m. ¾" water hose (ND20)
Double insulated stainless steel exhaust silencer



Advantages

- Continue your work activities longer thanks to the spacious 650 litre water tank
- Work easily and environment friendly with the electrically driven HP reel (optional)
- Stable road holding thanks to unique transit in water tank
- Always the right tools within reach thanks to spacious tool boxes and integrated holders
- You can get started quickly thanks to its sophisticated thermal management. Opening the bonnet is not necessary

Article number	02250	02252	02254	02256	02258	02257
Version	ROM SmartTrailer PRO 150/40 Petrol	ROM SmartTrailer PRO 150/50 Petrol	ROM SmartTrailer PRO 140/60 Petrol	ROM SmartTrailer PRO 150/60 Diesel	ROM SmartTrailer PRO 200/38 Diesel	ROM SmartTrailer PRO 200/60 Diesel
Starting system	Electric					
Engine	Petrol, 13.2kW / 18hp B&S Vanguard	Petrol, 16.9kW / 23hp B&S Vanguard		Diesel, 19kW / 25hp Kubota D1105		Diesel, 23,5kW / 32hp Kubota D1105T
Pump	Speck NPR25/41	Speck NPR25/50	Speck NPR25/60	Speck NPR25/60	Speck NPR25/38	Speck NPR25/60
Water tank capacity	650l					
Empty weight (excl. options)	Approx. 575kg			Approx. 640kg		Approx. 695kg
Dimensions (l x w x h)	3700 x 1440 x 1380mm					
HP reel drive	Manually (option: electric)					
HP sewer jetting hose	60m. ½" (ND13)					
Water filling hose reel	Manually operated water filling reel incl. 50m ¾" water hose (ND20)					



OPTIONS ROM SMARTTRAILER PRO

047853



Remote control Smart-Remote

- Electrical radio remote control Smart-Remote
- 3 buttons with pressure on/off, automatic gas control and emergency stop (Only suitable for SmartTrailer petrol versions with option 'electric starting system')
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

047855



Remote control Smart-Remote+

- Electrical radio remote control Smart-Remote+
- 7 buttons with pressure on/off, infinite speed control and emergency stop
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

0425



Rotating beacon 360° (LED) on pole

- For maximum safety

0424013



Spotlight (LED)

- Working light near HP reel incl. mounting kit
- For illumination of your work space

044455



ROM eREEL: Electric drive for HP reel

- Including extensive operation (e.g. free run and speed control) and hose guiding system with ball bearings
- Light weight
- Does not use hydraulic oil (environment friendly)
- HP reel can also be used when the engine is not running (saves fuel and less noise nuisance)

0423



Second HP reel

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

04102

Fixed hydrant filling connection

- Fixed hydrant filling connection equipped with STORZ coupling (cam size 66mm.) with filter on the water tank
- Filling of the water tank via STORZ connection (for e.g. fire hydrants)
- Via the optional Open Venturi Type Ejector you can also (re)fill the water tank via surface water. Besides this, you can empty cellars, shafts, and manholes

048131

Fixed venturi type ejector

- Fixed venturi type ejector combined with camlock filling connection, including 10m. hose, filter and bypass switch
- (Re)fill your water tank quickly and easily by suctioning surface water
- The filter on the venturi type ejector prevents contamination of the water tank by aquatic weeds and floating debris



Spray gun + Additional storage holder

- **290800** Spray gun with lance 70cm. and flatspray nozzle
- **0434010** Additional storage holder for spray gun; for intensive use of spray gun, mounted onto bumper

OTHER OPTIONS

Art.No. Description

047945	Unwinding of HP hose reel via remote control (only in combination with electrically driven HP reel and remote control Smart-Remote+)
047961	Automatic diesel 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)
0421	Dry run protection for HP pump
0443	Bypass switch dry run protection
041501	Water level indicator, mounted to the backside of the water tank
0484	Pulsation system, manually operated. For a lower water consumption and the hose advances further in the pipe and passes through bends easier
0426	Digital speed/working hour counter for petrol engine
042633	Digital hour counter for diesel engine (not necessary in combination with iROM)
042320	40m. 3/8" HP steelply hose, max. 300 bar
04233	40m. 3/8" HP steelply hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spray lance
0485	80m. instead of 60m. 1/2" HP sewer jetting hose
04057	Polyester parts spray painted in company colour (RAL, unicolor)
040571	Polyester parts spray painted in metallic company colour (RAL)
0434	Nozzle storage rack mounted on installation
0434000	Contoured foam (water absorbent) to store the nozzles, mounted onto unit
0016	RDW vehicle approval test (Only NL) trailers
00169	TÜV vehicle approval test
001695	European Type Approval, consist of general document to realize final end user registration
397362	Plug adapter from 7 pin (Vehicle) to 13 pin (ROM Trailer)
00716	Nozzle set 1/2", consists of grenade 51, rotating nozzle, pointed nozzle
007005	Nozzle case ROM JetToolcase Basic (Hose ND13 & ND16 with 1/2" connection)
0070	Nozzle case ROM JetToolcase (Hose ND13 & ND16 with 1/2" connection)
TRB300	Net discount picking up ROM SmartTrailer PRO in Brno, Czech Republic instead of in Barneveld, The Netherlands. Delivery: FCA Brno CZ (Incoterms 2010)

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

ROM 900

High pressure sewer jetting trailer



The ROM 900 sewer cleaning trailer. Stylish design. Superior user friendliness. Its attractive design and exceptionally complete range of equipment distinguish ROM 900 from all other sewer cleaning trailers. The professional ROM 900 is suitable for the unblocking and cleaning of lateral lines and main lines in the sanitary sewer system of up to Ø600mm. The ROM 900 trailer can easily be expanded with a system for oil spillage control and drainage cleaning.

Innovative design

The ROM 900 combines attractive design with optimum ease of operation. The low centre of gravity ensures unprecedented stable and safe road holding, both with empty and full water tank. The sophisticated frame ensures a very low dry weight. The innovative design also has a very low drag coefficient, which saves fuel.

Optimum efficiency

A radial swivel joint, designed in house, ensures maximum efficiency at the end of the sewer jetting hose.

Toolboxes

There are two large, lockable and water resistant toolboxes on either side of the trailer.

User friendly

The ROM 900 has a handy open storage compartment for your hoses. The machine is also fitted with a 270° rotating high pressure reel with a range of 1 metre outside the trailer. The reels have been positioned at an optimum working height on the basis of European research. The control panel and stainless steel drip tray always rotate along with the hydraulically operated HP reel. An important advantage is that you can use the HP reel both in resting and extended position.

Noise insulated

The trailer is fitted with an advanced noise insulation package (72dB) as standard. This prevents complaints from people in the vicinity and ensures that you can conduct your work comfortably and with pleasure.

Extensive choice of water tank capacities

The water tank is excellently protected because it is integrated into the trailer. The overflow can be adjusted as desired, depending on the maximum trailer weight of the vehicle. This gives you an unrestricted choice of 500 up to 900 litres effective water tank capacity.

Durable and low maintenance

The ROM 900 is extremely durable and low maintenance. Features such as a hot-dip galvanised frame/chassis and the double insulated stainless steel damper will leave you in no doubt about this. The covers and bottom panels are made of flexible impact-resistant material. The large opening angle of the bonnet makes it easy and simple to access components for service and maintenance.

Options? See next pages

For more info, go to rombv.com

Technical information



Suitable for

Unblocking and cleaning of drains and sewers up to max Ø600mm.
Facade, surface, and drain cleaning and graffiti removal

Drive

Diesel & Electric starting system

High pressure pump

Speck 3 plunger high pressure pump
Cleaning pressure up to max. 200 bar and a water capacity up to max. 100 l/min

High pressure reel

Hydraulically driven
Solid electro galvanised
Suitable for max. 120m ½" (ND13) sewer jetting hose

Conservation

Base frame / chassis entirely hot-dip galvanised
Plating powder coated RAL 7016 Anthracite grey, impact-resistant side and bottom panel PE (RAL 7016) Polyester covers in RAL 9010 Pure white

Standard features include i.a.

Spacious 900-litre water tank and 30-litre fuel tank
Two large tool boxes & Open storage box (for storage of hoses etc.)
270° rotational, hydraulic HP reel with extendable hose guiding system & control panel that swivels along with reel
Manually operated water filling reel incl. 50m. ¾" water hose (ND20)
Double insulated stainless steel exhaust silencer



Advantages

- Hydraulically driven HP reel (infinitely adjustable)
- Operating panel / electronics are installed in a lockable, vandal and water proof tool box
- Rotating control panel next to the HP reel, mounted at an ergonomic height
- Rotating stainless steel drip tray protecting the machine from dirt
- Transparent fuel tank
- Lockable bonnet with wide opening angle; perfect for maintenance and servicing of the engine/pump combination
- Heat exchanger for perfect temperature control

Article number	02290	02292	02294	02296	02298
Version	ROM 900 150/60 Diesel	ROM 900 200/60 Diesel	ROM 900 150/75 Diesel	ROM 900 200/72 Diesel	ROM 900 150/100 Diesel
Starting system	Electric				
Engine	Diesel, 19kW / 25hp Kubota D1105	Diesel, 23.5kW / 32hp Kubota D1105 T		Diesel, 33kW / 45hp Kubota V1505T	
Pump	Speck P45/60		Speck P45/75	Speck P45/72	Speck P45/100
Water tank capacity	900l				
Empty weight (excl. options)	Approx. 950kg	Approx. 975kg		Approx. 1025kg	
Dimensions (l x w x h)	4150 x 1770 x 1470 mm				
HP reel drive	Hydraulically driven				
HP sewer jetting hose	80m ½"(ND13)				80m 5/8" (ND16)
Water filling hose reel	Manually operated water filling reel incl. 50m. ¾" water hose (ND20)				



OPTIONS ROM 900

0478900



Remote control Professional-Remote

- Hydraulic radio remote control Professional-Remote
- 8 buttons with pressure on/off, (vacuum on/off), infinite speed control, emergency stop and battery charger for transmitter
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and work from a greater distance

04790100



Remote control HeavyDuty-Remote

- Hydraulic radio remote control HeavyDuty-Remote
- 10 buttons with pressure on/off, (vacuum on/off), infinite speed control, information display, external antenna, removable rechargeable battery, emergency stop and battery charger for transmitter.
- Work more efficiently, ergonomic, and safely

0425



Rotating beacon 360° (LED) on pole

- For maximum safety
- Not possible in combination with option 'Working light on pole'



Working light (LED)

- **042400** Working light (LED) on magnetic bracket, incl. mounting set
- **04243** Working light (LED) on pole. (not in combination with option 'rotating beacon on pole')
- For illumination of your work space

04254



Traffic Safety Package

- Safety features such as a LED flashing bar, retro-reflective stickers, Megaflare warning lights and foldable safety cones
- Improves visibility and increases safety
- Safer for your employees
- Reduced chances of accidents

0423



Second HP reel

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



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



Spray painted in specific colour

- **04057** Polyester parts spray painted in company colour (RAL, unicolor)
- **040571** Polyester parts spray painted in Metallic company colour (RAL)

0484



Pulsation system

- **0484** Pulsation system, manually operated. For a lower water consumption and the hose advances further in the pipe and passes through bends easier
- **04837** Pulsation system, electronically operated via remote control and/or control panel. For a lower water consumption and the hose advances further in the pipe and passes through bends easier

OTHER OPTIONS

Art.No. Description

Art.No.	Description
04794	Unwinding of HP hose reel via remote control (only in combination with hydraulically driven HP reel and 8 or 10 button remote control)
04796	Automatic diesel engine start on operating panel and remote control
0417	Additional cable reel with 50m. cable (only available in combination with option radiographic remote control)
04031	Extension of hydraulic system for hydraulic drive second HP reel or filling hose reel. Possible with maximum 60m. 1/2" or 80m. 3/8" HP hose. Delivery incl. fixed layered hose guiding system. Excl. HP hose
0422	Dry run protection for HP pump in combination with hydraulically driven reel. This protection is necessary in combination with all Speck HP pumps, including the types NP25, P30, P41 and P45. This is explicitly stated in the instructions for use by Speck
04102	Fixed hydrant filling connection equipped with STORZ coupling (cam size 66mm.) with filter on the water tank
04814	Fixed venturi type ejector combined with 66mm. STORZ filling connection, including 10m. hose, filter and bypass switch
0549	Suction-injector for anti-freeze, hose included. Equipped with quick connection
0551010	Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage)
0443	Bypass switch dry run protection
042362	Diesel particulate filter integrated in stainless steel muffler
042364	Diesel particulate filter integrated in stainless steel muffler, incl. monitoring system and display
042340	Oil spillage control unit, with narrow and wide track spraying booms, plastic tank and spray gun with rotation cutter
042311	Drain package, consists of a reeling cart with two reels and 100m. 1/2" drain hose mounted on one or these reels
042320	40m. 3/8" HP steelply hose, max. 300 bar
04233	40m. 3/8" HP steelply hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spray lance
04134	Adjustment of tank capacity to max. towing capacity of vehicle (500-900l.)
0434	Nozzle storage rack mounted on installation
0016	RDW vehicle approval test (Only NL) trailers
00169	TÜV vehicle approval test
001695	European Type Approval, consists of a general document to realise final end user registration
397362	Plug adapter from 7 pin (Vehicle) to 13 pin (ROM Trailer)
007005	Nozzle case ROM JetToolcase Basic (Hose ND13 & ND16 with 1/2" connection)
0070	Nozzle case ROM JetToolcase (Hose ND13 & ND16 with 1/2" connection)
00710	Nozzle case ROM JetToolcase+ (Hose ND13 & ND16 with 1/2" connection)

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



SEWER CLEANING SKID UNITS

Our advanced high pressure skid mounted sewer jetting units are suitable for unblocking and cleaning of house connections and the sanitary sewer system up to Ø600mm.

The ROM skid mounted units are available with a petrol or diesel engine. You can adjust the high pressure and water capacities to the chosen working area. The high pressure pump provides a cleaning pressure of up to max. 250 bar and a water capacity of up to max. 130 litres per minute.

There are several tank capacities available such as a 400, 650, 800, 1000 and 1350 litres. Optionally you can increase the water capacity if desired.

What characterises our skid mounted jetters is the compact design and low empty weight. This allows you to take on plenty of water and be left with more (storage) space. You also save costs seeing our units fit in commercial vehicles that require only a modest investment.

Applications for which these machines are used:

- Unblocking and cleaning of house connections and the sanitary sewer system
- Unblocking and cleaning of surface water drains (Ø70mm) and smaller pipes
- Facade / surface cleaning
- Drain cleaning
- Removal of light graffiti
- Oil spillage control

The above mentioned applications are merely examples of the many possibilities. On the following pages you will find more information concerning the specific machines. More information? Consult your local ROM partner or contact ROM.

ROM Compact Skid mounted jetting unit



The ROM Compact is the ideal high-pressure sewer-jetting machine for unblocking and cleaning service pipes and the main sewer system up to a diameter of max. Ø300mm. The unit has a petrol engine and the Speck high pressure pump delivers a cleaning pressure of max. 150 bar a water capacity of up to max 60 l/min. The installation is also appropriate for surface and drain cleaning and removing light graffiti. With its compact dimensions, an empty weight from 210 kg and a 400-litre water tank the unit is perfect for installation in light to medium commercial vehicles.

Double cost saving

The unit is compact and lightweight, allowing you to take on plenty of water and are left with more (storage) space. The Compact is ideal for mounting in light to medium-weight commercial vehicles, such as the Volkswagen Transporter and the Mercedes-Benz Vito. Besides the very competitively priced skid mounted unit, you will also save money on the van, because the Compact fits into lightweight vehicles that require only a modest investment.

User-friendly simplicity

The unit combines proven technologies with user-friendly simplicity. You will be amazed at how easy to use the Compact is. This will allow you and your employees to work more productively than ever.

Durable & Maintenance-friendly

The robust construction and solid engine/pump combinations (B&S engines and Speck high pressure pumps) ensure that the unit provides you with a long-lasting solution. A ROM lasts for years and years.

ISO standard / CE mark

The unit possesses a CE mark, which guarantees that your machine meets the fundamental European requirements regarding safety, environment and user health. In addition, ROM is certified to the latest ISO standards. For you this means that "We say what we do, we do what we say and we prove it too!" Also after your product has left our showroom.

Wide choice of configurations

Our Compact line consists of two types: Compact and Compact PRO.

The skid-mounted units are identical in quality, but differ in equipment and design.

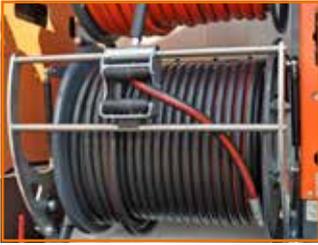
Do you regularly unblock and clean pipes around the house and occasionally the main sewer system up to a diameter of 300 mm? Then choose the Compact configuration. For instance the 60 litre version offers you an ideal flushing capacity for draining grease and sand.

Do you need even more flushing and cleaning capacity? Choose the Compact PRO with a powerful Kubota diesel engine (see product page Compact PRO).

Options? See next pages

For more info, go to rombv.com

Technical information



Suitable for

Unblocking and cleaning of drains and sewers up to max. Ø300mm
Facade, surface, and drain cleaning and graffiti removal

Drive

Petrol
Electric start

High pressure pump

Speck NP25, 3 plunger high pressure pump
Cleaning pressure up to max. 150 bar and a water capacity up to max. 60 l/min

High pressure reel

Manually operated
Suitable for max. 80m. 1/2" (ND13) HP sewer jetting hose

Conservation

Sand blasted frame and reels, powder coated RAL 7016 Anthracite grey
Control panel: RAL2004 Pure orange
Piping and several accessories galvanised

Standard features include i.a.

400-litre water tank
Electric start
50m. 1/2" (ND13) HP sewer jetting hose
Spacious transparent fuel tank
Several accessories, such as an infinitely adjustable pressure regulator, pressure gauge and water filter with washable element



Advantages

- *Competitively priced*
- *Compact and lightweight*
- *Very easy to use (e.g. full operation at front of unit)*
- *Solid construction and robust engine/pump combinations (B&S engines and Speck high pressure pumps) ensure a durable solution*
- *Anti-vibration sub frame prolongs lifespan*
- *Drip tray under reels ensure maximum protection of vehicle's interior*
- *Robust water filter above drip tray with water stop*
- *Infinitely adjustable pressure regulator*
- *Stable and safe road holding with both empty and full tank, thanks to low centre of gravity*
- *Various options and promotional packages possible*

Article number	0251	0254	02547
Version	ROM Compact 150/40 Petrol	ROM Compact 150/50 Petrol	ROM Compact 140/60 Petrol
Starting system	electric		
Engine	Petrol, 13.2kW / 18hp B&S Vanguard		Petrol, 16.9kW / 23hp B&S Vanguard
Pump	Speck NP25/41	Speck NP25/50	Speck NP25/60
Water tank capacity	400l		
Empty weight (excl. options)	Approx. 225kg	Approx. 230kg	
Dimensions (l x w x h)	1050 x 1190 x 1100mm		
HP reel drive	Manually (option: hydraulically driven)		
HP sewer jetting hose	50m. 1/2" (ND13)		
Water filling hose reel	Optional: Manually operated water filling reel incl. 50m. 3/4" water hose (ND20)		



OPTIONS ROM COMPACT

0478600



Remote control Easy-Remote

- Electrical radio remote control Easy-Remote
- 6 buttons with pressure on/off, infinite speed control, emergency stop and battery charger for transmitter
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

0478800



Remote control Professional-Remote

- Electrical radio remote control Professional-Remote
- 8 buttons with pressure on/off, (vacuum on/off), infinite speed control, emergency stop and battery charger for transmitter
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

0424



Working light (LED)

- Working light (LED) on magnetic bracket
- For illumination of your work space

04021



Manually operated filling hose reel

- Manually operated water filling hose reel with 50m. 3/4" filling hose (ND20)

0444



Hydraulic drive for HP reel

- Hydraulic drive for HP reel
- Including mounting of hydro-engine, extensive operation (e.g. free run and speed control) and extendable hose guiding system with ball bearings

0410



Fixed hydrant filling connection

- Fixed hydrant filling connection equipped with STORZ coupling (cam size 66mm.) with filter on the water tank
- Filling of the water tank via STORZ connection (for e.g. fire hydrants)
- Via the option 'Open Venturi Type Ejector' you can also (re)fill the water tank via surface water. Besides this, you can empty cellars, shafts, and manholes

0481



Fixed venturi type ejector

- Fixed venturi type ejector including 10m. hose (ND50) and a professional self floating synthetic basket. Connected onto water tank of the HP system
- (Re)fill your water tank quickly and easily by suctioning surface water

0549



Suction-injector for anti-freeze

- Suction-injector for anti-freeze, hose included. Equipped with quick connection



Nozzle cases

- **007005** Nozzle case ROM JetToolcase Basic (Hose ND13 & ND16 with 1/2" connection)
- **0070** Nozzle case ROM JetToolcase (Hose ND13 & ND16 with 1/2" connection)

OTHER OPTIONS

Art.No. Description

0268	Mounting of installation in Barneveld, consisting of installation package, accessories, labour and mounting according to the European CE regulations
04010	Installation kit, consisting of e.g. galvanised mounting plates, assembly items, stainless steel exhaust pipe, bandage and connectors
04013	4 Mounting brackets 215mm
04014	4 Mounting brackets 240mm
04015	4 Mounting brackets 300mm
04780	Electric starting system instead of hand start; incl. maintenance free battery
047862	Operating panel, including operating buttons for electrical radio remote control Easy Remote
0417	Additional cable reel with 50m. cable (only available in combination with option radiographic remote control)
04257	Traffic Safety Packages ROM Jetting skid-mounted units
042301	Manually operated second HP reel with 3-way valve/unloader combined system. Excluding HP hose
0421	Dry run protection for HP pump
0422	Dry run protection for HP pump in combination with hydraulically driven reel. This protection is necessary in combination with all Speck HP pumps, including the types NP25, P30, P41 and P45. This is explicitly stated in the instructions for use by Speck
041310	650l. water tank instead of 400l. water tank. Not in combination with art. 04132
04132	Additional 600l. water tank including couplings and frame modification. Only available in combination with 400l. 600l. or 1000l. water tank
0474	Automatic filling system water tank operating on 12/24V, mounting or floating system on filling connection and/or water filling hose reel (max. 8 bar pressure)
0443	Bypass switch dry run protection
0484	Pulsation system, manually operated. For a lower water consumption and the hose advances further in the pipe and passes through bends easier
0426	Digital speed/working hour counter for petrol engine
042655	Hour counter
042677	RPM Counter
042320	40m. 3/8" HP steelply hose, max. 300 bar
04233	40m. 3/8" HP steelply hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spray lance
04840	80m. instead of 50m. 1/2" HP sewer jetting hose
0551010	Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage)
0551050	Frost Protection System via Webasto AirTop 2000ST heater, including thermostat, battery combiner and additional 105A battery, connected to ROM HP installation's fuel tank (built in B'veld, NL)
0551070	Frost Protection System via Webasto AirTop 2000ST heater, including , including thermostat, battery combiner and additional 105A battery, connected to vehicle (built in B'veld, NL)
290800	Spray gun with lance 70cm. and flatspray nozzle
0434	Nozzle storage rack mounted on installation
00713	Nozzle set 3/8", consists of grenade, rotating nozzle, pointed nozzle
00716	Nozzle set 1/2", consists of grenade 51, rotating nozzle, pointed nozzle

* 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.

ROM Compact PRO Skid mounted jetting unit



Are you looking for a powerful sewer jetting unit for an attractive price? Then the Compact PRO is the ideal machine. The unit is equipped with a Kubota diesel engine. The Speck high pressure pump delivers a jetting pressure up to 200 bar and a water capacity up to 75 l/min. The machine is suitable for continuously unblocking and cleaning of house connections. Even cleaning the main sewer system up to Ø500mm is possible. The PRO version is our successful Compact's 'big brother' and offers you many extras, making it the ideal cost saving unit.

Spacious 650-litre water tank

The Compact PRO is equipped by default with a spacious 650-litre water tank. This means you do not have to refill the tank as often, allowing you to continue working longer.

More (storage) space

The unit is compact and lightweight, allowing you to take on plenty of water and be left with more (storage) space.

Userfriendly

The unit combines proven techniques with user friendly simplicity. The electric starting system and the hydraulically driven high pressure reel with extensible hose guide with ball bearings make working very comfortable.

Working faster

The unit has large flushing and cleaning capacities. The robust reel has large swivel joints for minimum pressure loss and maximum cleaning capacity. More power makes it possible to work faster. This results in lower labour costs.

Smart investment

The unit is attractively priced. And thanks to its compact dimensions and the low empty weight (from only 395kg) you have many choices in terms of vehicles, which require a modest investment. You benefit from minimum depreciation and low fuel consumption, resulting in more profit!

Durable and maintenance friendly

The industrial Kubota diesel engine and powerful low-maintenance Speck high pressure pump ensure you a durable solution. The vibration reducing sub frame prolongs the lifespan.

Standard lavishly equipped

The Compact PRO comes standard with a hydraulically driven high pressure reel, water filling hose reel, electric starting system, and a flexible and kink resistant sewer jetting hose with a wear-resistant, smooth exterior.

In addition to the very extensive basic configuration, you can choose from a wide range of options and accessories, including spray painting of the front panel in a custom colour.

Options? See next pages

For more info, go to rombv.com

Technical information



Suitable for

Unblocking and cleaning of drains and sewers up to max. Ø500mm
Facade, surface, and drain cleaning and graffiti removal

Drive

Diesel
Electric starting system

High pressure pump

Speck P45, 3 plunger high pressure pump
Cleaning pressure up to max. 200 bar and a water capacity up to max. 75 l/min

High pressure reel

Hydraulically driven
Suitable for max. 80m ½" (ND13) sewer jetting hose

Conservation

Sand blasted frame and reels, powder coated RAL 7016 Anthracite grey
Design cover: RAL2004 Pure orange
Piping and several accessories galvanised
Front panel, brushed stainless steel

Standard features include i.a.

Spacious 650-litre water tank and 12-litre fuel tank
Electric starting system
Hydraulically driven HP reel & Extendable hose guide
60m. 1/2" (ND13) HP sewer jetting hose
Water filling hose reel with 50m. 3/4" water hose



Advantages

- Small in size, big on performance
- Compact and lightweight
- Dual savings; Competitively priced skid mounted unit fits into vehicles which demand a relatively small investment
- Powerful Kubota diesel engine
- Generous 650-litre water tank
- Standard with hydraulic high pressure hose reel
- Drip pan under reels ensures maximum protection of vehicle interior
- Various accessories, such as an continuously adjustable pressure regulator, pressure gauge and water filter with automatic water stop and washable element
- Stable and safe road holding, thanks to low center of gravity
- Various options and action packages possible

Article number	025551	025553	025555
Version	ROM Compact PRO 160/60 Diesel	ROM Compact PRO 200/60 Diesel	ROM Compact PRO 150/75 Diesel
Starting system	Electric		
Engine	Diesel, 19kW / 25hp Kubota D1105	Diesel, 23.5kW / 32hp Kubota D1105T	
Pump	Speck P45/60		Speck P45/75
Water tank capacity	650l		
Empty weight (excl. options)	Approx. 395kg	Approx. 405kg	
Dimensions (l x w x h)	1510 x 1220 x 1100mm		
HP reel drive	Hydraulically driven		
HP sewer jetting hose	60m. ½" (ND13)		
Water filling hose reel	Manually operated water filling reel incl. 50m. 3/4" water hose (ND20)		



OPTIONS ROM COMPACT PRO

0478600



Remote control Easy-Remote

- Electrical radio remote control Easy-Remote
- 6 buttons with pressure on/off, infinite speed control, emergency stop and battery charger for transmitter
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

0478800



Remote control Professional-Remote

- Electrical radio remote control Professional-Remote
- 8 buttons with pressure on/off, (vacuum on/off), infinite speed control, emergency stop and battery charger for transmitter
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

0417



Additional cable reel with 50m. cable

- Additional cable reel with 50m. cable (only available in combination with option 'remote control')

0424



Spotlight (LED)

- Working light (LED) on magnetic bracket
- For illumination of your work space

04257



Traffic Safety Package

- Safety features such as a LED flashing bar, retro-reflective stickers, Megaflare warning lights and foldable safety cones
- Improves visibility and increases safety
- Safer for your employees
- Reduced chances of accidents

0410



Fixed hydrant filling connection

- Fixed hydrant filling connection equipped with STORZ coupling (cam size 66mm.) with filter on the water tank
- Filling of the water tank via STORZ connection (for e.g. fire hydrants)
- Via the optional Open Venturi Type Ejector you can also (re)fill the water tank via surface water. Besides this, you can empty cellars, shafts, and manholes

0485



Longer sewer jetting hose

- 80m. instead of 60m. 1/2" HP sewer jetting hose

0549



Suction-injector for anti-freeze

- Suction-injector for anti-freeze, hose included. Equipped with quick connection



Nozzle cases

- **007005** Nozzle case ROM JetToolcase Basic (Hose ND13 & ND16 with 1/2" connection)
- **0070** Nozzle case ROM JetToolcase (hose ND13 & ND16 with 1/2" connection)

OTHER OPTIONS

Art.No. Description

0268	Mounting of installation in Barneveld, consisting of installation package, accessories, labour and mounting according to the European CE regulations
04010	Installation kit, consisting of e.g. galvanised mounting plates, assembly items, stainless steel exhaust pipe, bandage and connectors
04013	4 Mounting brackets 215mm.
0404	Fuel from vehicle fuel tank (replaces standard fuel tank), including fuel lift pump, piping, labour and mounting
0447	Separate fuel tank
047862	Operating panel, including operating buttons for electrical radio remote control Easy Remote
04230	Second HP reel instead of water filling reel, complete with 3-way valve/unloader combined system. Excluding HP hose
0422	Dry run protection for HP pump in combination with hydraulically driven reel. This protection is necessary in combination with all Speck HP pumps, including the types NP25, P30, P41 and P45. This is explicitly stated in the instructions for use by Speck
0481	Fixed venturi type ejector including 10m. Hose (ND50) and a Professional self floating synthetic basket. Connected onto water tank of the HP system
0474	Automatic filling system water tank operating on 12/24V, mounting or floating system on filling connection and/or water filling hose reel (max. 8 bar pressure)
0443	Bypass switch dry run protection
0484	Pulsation system, manually operated. For a lower water consumption and the hose advances further in the pipe and passes through bends easier
042362	Diesel particulate filter integrated in stainless steel muffler
042364	Diesel particulate filter integrated in stainless steel muffler, incl. monitoring system and display
0423510	High pressure hot water unit 70kW "Commercial design", incl. plateau, diesel tank 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). * Advice: order art. no. 0404 Fuel from vehicle fuel tank.
042351	High pressure hot water unit 60kW "Professional design", incl. brackets, diesel tank, 40m. 3/8" heat resistant hose, convertor 12V-230V 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)
0423519	80m. instead of 40m. 3/8" heat resistant hose for hot water unit
042655	Hour counter
042320	40m. 3/8" HP steelply hose, max. 300 bars
04233	40m. 3/8" HP steelply hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spray lance
0551010	Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage)
0551050	Frost Protection System via Webasto AirTop 2000ST heater, including thermostat, battery combiner and additional 105A battery, connected to ROM HP installation's fuel tank (built in B'veld, NL)
0551070	Frost Protection System via Webasto AirTop 2000ST heater, including , including thermostat, battery combiner and additional 105A battery, connected to vehicle (built in B'veld, NL)
0405	Spray painted in special company colour (RAL)
290800	Spray gun with lance 70cm. and flatspray nozzle
0434	Nozzle storage rack mounted on installation
00713	Nozzle set 3/8", consists of grenade, rotating nozzle, pointed nozzle
00716	Nozzle set 1/2", consists of grenade 51, rotating nozzle, pointed nozzle

* 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.

ROM EcoNomic Skid mounted jetting unit



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 is equipped with Kubota diesel engine and the Speck high pressure pump delivers a cleaning pressure up to max. 200 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 VW Transporter, MB Vito, Renault Trafic / Opel Vivaro, Toyota Hiace and Ford Transit. 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 iROM intelligence system is integrated by default on the EcoNomic. iROM operation includes day light display and water resistant control panel (IP65), with function display (speed/working hour counter etc.) 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 (135° + 90°)

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

Diesel
Electric starting system

High pressure pump

Speck P45, 3 plunger high pressure pump
Cleaning pressure up to max. 150 bar and a water capacity up to max. 100 l/min

High pressure reel

Hydraulically driven
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.

Spacious 600-litre water tank and 30-litre fuel tank
Swivelling hydraulically driven HP reel (135°+90°) & extendable hose guide
Electronic operation via iROM incl. daylight display
Water filling hose with 50m. ¾" water hose

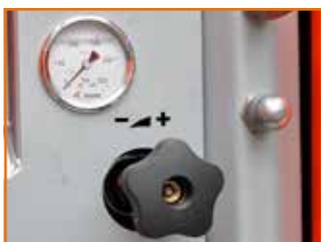


Advantages

- 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 liquid cooled diesel 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	02571	02573	02575	02577	02579
Version	ROM EcoNomic 160/60 Diesel	ROM EcoNomic 200/60 Diesel	ROM EcoNomic 150/75 Diesel	ROM EcoNomic 200/72 Diesel	ROM EcoNomic 150/100 Diesel
Starting system	Electric				
Engine	Diesel, 19kW / 25hp Kubota D1105	Diesel, 23,5kW / 32hp Kubota D1105 T*		Diesel, 33kW / 45hp KUBOTA V1505 T*	
Pump	Speck P45/60		Speck P45/75	Speck P45/72	Speck P45/100
Water tank capacity	600l				
Empty weight (excl. options)	Approx. 535kg	Approx. 545kg		Approx. 575kg	Approx. 590kg
Dimensions (l x w x h)	1450 x 1250 x 1250mm				
HP reel drive	Hydraulically driven, with speed control and freewheel mode				
HP sewer jetting hose	80m. ½" (ND13)				80m. 5/8" (ND16)
Water filling hose reel	Manually operated water filling reel incl. 50m. ¾" water hose (ND20)				

* Turbo engines have smaller dimensions, which leaves you with more space in the vehicle. Moreover, you benefit from reduced fuel consumption in full throttle and a lower sound pressure (loaded 17,5% and unloaded 23%)



OPTIONS ROM ECONOMIC

0478850



Remote control Professional-Remote

- Electric radio remote control Professional-Remote
- 8 buttons with pressure on/off, infinite speed control, information feedback through LED, emergency stop and battery charger for transmitter. (iROM)
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

04790000



Remote control HeavyDuty-Remote

- Remote control HeavyDuty-Remote
- 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)
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

0424013



Working light (LED)

- Working light (LED) mounted near HP reel incl. mounting kit
- For illumination of your work space

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

0410



Fixed hydrant filling connection

- Fixed hydrant filling connection equipped with STORZ coupling (cam size 66mm.) with filter on the water tank
- Filling of the water tank via STORZ connection (for e.g. fire hydrants)
- Via the optional Open Venturi Type Ejector you can also (re)fill the water tank via surface water. Besides this, you can empty cellars, shafts, and manholes

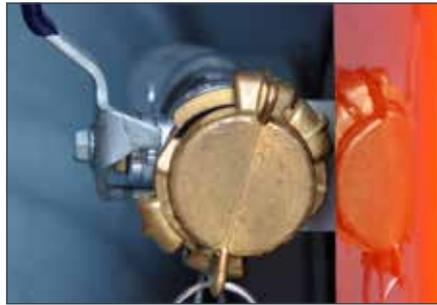
0485



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

0549



Suction-injector for anti-freeze

- Suction-injector for anti-freeze, hose included. Equipped with quick connection



Nozzle cases

- **007005** Nozzle case ROM JetToolcase Basic (Hose ND13 & ND16 with 1/2" connection)
- **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

02682	Mounting of installation in Barneveld, consisting of installation package, accessories, labour and mounting according to the European CE regulation
040111	Installation kit, consisting of e.g. galvanised mounting plates, assembly items, flexible stainless steel exhaust pipe, bandage and connectors
0404	Fuel from vehicle fuel tank (replaces standard fuel tank), including fuel lift pump, piping, labour and mounting
0447	Separate fuel tank
04794	Unwinding of HP hose reel via remote control (only in combination with hydraulically driven HP reel and 8 or 10 button remote control)
047961	Automatic diesel 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)
041700	Additional cable reel with 50m. cable (only available in combination with option Electrical radio remote control HeavyDuty-Remote, 10 buttons, iROM)
0424017	LED strip lighting (connected via the existing interior lighting) mounted on the vehicle's ceiling
04257	Traffic Safety Packages ROM Jetting skid-mounted units
0422	Dry run protection for HP pump in combination with hydraulically driven reel. This protection is necessary in combination with all Speck HP pumps
0480	Dry run protection for HP pump in combination with two water tanks and hydraulically driven reel
04132	Additional 600l. water tank including couplings and frame modification. Only available in combination with 400l. 600l. or 1000l. water tank
041321	Additional 800l. water tank including couplings and frame modification. Only available in combination with 800l. or 1350l. water tank
04133	Additional 1000l. water tank including couplings and frame modification. Only available in combination with 600l. or 1000l. water tank
041331	Additional 1350l. water tank including couplings and frame modification. Only available in combination with 800l. or 1350l. water tank
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
048131	Fixed venturi type ejector combined with camlock filling connection, including 10m. hose, filter and bypass switch
0474	Automatic filling system water tank operating on 12/24V, mounting or floating system on filling connection and/or water filling hose reel (max. 8 bar)
04431	Bypass switch dry run protection (iROM)
042362	Diesel particulate filter integrated in stainless steel muffler
042364	Diesel particulate filter integrated in stainless steel muffler, incl. monitoring system and display
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", incl. plateau, diesel tank of machine, 40m. 3/8" heat resistant hose and funnel. Complete package integrated onto 2nd reel of HP machine
042351	High pressure hot water unit 60kW "Professional design", incl. brackets, diesel tank, 40m. 3/8" heat resistant hose, convertor 12V-230V and funnel. Complete package integrated onto 2nd reel of HP machine
0423519	80m. instead of 40m. 3/8" heat resistant hose for hot water unit
042320	40m. 3/8" HP steelply hose, max. 300 bar
04233	40m. 3/8" HP steelply hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spray lance.
0551010	Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage)
0551050	Frost Protection System via Webasto AirTop 2000ST heater, including thermostat, battery combiner and additional 105A battery, connected to ROM HP installation's fuel tank (built in B'veld, NL) (ROM van pack units)"
0551070	Frost Protection System via Webasto AirTop 2000ST heater, including , including thermostat, battery combiner and additional 105A battery, connected to vehicle (built in B'veld, NL)
0405	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.

Ask for our package deals

ROM Ecofit Skid mounted jetting unit



The ROM EcoFit is one of the most advanced skid-mounted sewer jetting machines and is available with either a separate diesel engine or as a PTO installation. With a cleaning pressure of up to max. 250 bar and a water capacity of up to max. 100 l/min the machine is suitable for cleaning of house connections and sanitary sewer systems of up to max. Ø600mm. The ROM EcoFit is the ideal skid-mounted sewer jetting machine for virtually any medium to heavy weight commercial vehicle.

Optimal comfort

The EcoFit offers you every comfort imaginable. It features, for example, a 270° rotating high pressure hose reel that can reach up to one metre outside the vehicle. The control unit, control panel, stainless steel drip tray and filling hose also all swing-out together with the hydraulically operated HP hose reel. Another important advantage is that the hose can be used in both neutral and extended positions which are all placed at the most ergonomic height.

Wide choice in water tank capacities

The lightweight modular skid-mounted tanks allow large amounts of water to be transported without using all the effective free space in your vehicle. Water tanks are available in 600, 800, 1000 and 1350 litre capacities.

Indestructible

The EcoFit is indestructible. Features such as the stainless steel drip tray, the double insulated stainless steel silencer and the hot-dip galvanised frame leave no questions. Also, the water tanks are not placed directly on the vehicle floor, which prevents rubbing and wear. In addition, a heat exchanger ensures perfect temperature control.

Maintenance friendly

The industrial Kubota engine or PTO-drive ensures, together with the powerful low maintenance Speck high pressure pump, an optimal reliability. And preventive maintenance is easy as one, two, three, because all machine parts are easy to access.

Optimal Efficiency

Thanks to deliberate piping and a swivel joint developed in-house, you benefit from optimal efficiency at the end of the sewer jetting hose.

Professional appearance

The ROM EcoFit has been designed using an entirely new concept in which every detail has been carefully reconsidered. Important design features include the machine's excellent functionality and professional appearance. Its low centre of gravity ensures stability and safety whilst driving, both when the tank is empty and full. Thanks to the compact dimensions of the machine, plenty of space remains in your vehicle to carry tools and other materials. The colour combination, modern anthracite grey with bright orange, gives a professional and traffic safe appearance. Of course, your unit can be ordered in any other colour.

Besides this very extensive basic version, a wide range of extra options and accessories are available.

Options? See next pages

More info, go to rombv.com

Technical information



Suitable for

Unblocking and cleaning of drains and sewers up to max. Ø600mm
Facade, surface, and drain cleaning and light graffiti removal

Drive

Diesel or PTO
Electric starting system

High pressure pump

Speck, 3 plunger high pressure pump
Cleaning pressure up to max. 250 bar and water capacity up to max. 120 l/min

High pressure reel

Hydraulically driven
Solid electro galvanised
Suitable for max. 120m ½" Treljet or 90m 5/8" Treljet

Conservation

Base frame hot-dip galvanised
Stainless steel drip tray and swivelling frame finished in RAL7016 Anthracite grey
Front plate finished in RAL 2004 (Pure orange)
Other metal (plate) parts are electrolytic galvanised

Standard features include i.a.

Spacious 600-litre or 1000-litre water tank and 28-litre fuel tank
270° rotating high pressure reel with extendable hose guide, control panel that swivels with frame, control cabinet and stainless steel drip tray
Water filling hose reel with 50m. 3/4" water hose



Advantages

- Hydraulically operated 270° rotating high pressure hose reel (can be used both in neutral and extended position)
- Swivelling control unit, control panel, stainless steel and drip tray
- Heat exchanger for perfect temperature control
- Wide choice in water tank capacities
- Low centre of gravity for stable and safe road holding with tank both empty or full
- Hot-dip galvanised frame
- Double insulated stainless steel damper
- Water filter with automatic water stop and washable element
- Toothed belt drive; higher return of drive and longer lifespan

Article number	02761	0277	02771	0278	0279	0280	02802	02805
Version	ROM Ecofit 200/60 Diesel	ROM Ecofit 150/75 Diesel*	ROM Ecofit 200/72 Diesel	ROM Ecofit 150/85 Diesel	ROM Ecofit 150/100 Diesel*	ROM Ecofit 250/60 Diesel*	ROM Ecofit 200/100 Diesel	ROM Ecofit 160/120 Diesel
Starting system	Electric							
Engine	Diesel, 23.5kW / 32hp Kubota D1105 T		Diesel, 33kW / 45hp Kubota V1505 T	Diesel, 26.5kW / 36hp Kubota V1505	Diesel, 33kW / 45hp Kubota V1505 T		Diesel, 42kW / 57hp Kubota V2403MT	
Pump	Speck P45/60	Speck P45/75	Speck P45/72	Speck P45/85	Speck P45/100	Speck P45/60	Speck P55/100	Speck P55/128
Water tank capacity**	600l			1000l	600l		1000l	
Empty weight (excl. options)	Approx. 575kg	Approx. 585kg	Approx. 605kg	Approx. 620kg	Approx. 630kg	Approx. 605kg	Approx. 900kg	
Dimensions (l x w x h)	1420 x 1220 x 1310mm		1505 x 1220 x 1310mm	1835 x 1220 x 1310mm		1505 x 1220 x 1310mm	1965 x 1250 x 1320mm	
HP reel drive	Hydraulically driven							
HP sewer jetting hose	80m. ½" (ND13)			80m. 5/8" (ND16)		80m. ½" (ND13)	80m. 5/8" (ND16)	
Water filling hose reel	Manually operated water filling reel incl. 50m. 3/4" water hose (ND20)							

* Also available in PTO. Please contact us for the possibilities. / ** Choice between various tank capacities: 600, 800, 1000, 1200, 1350, 1600, 1800, 2000 and 2700 litres.



OPTIONS ROM ECOFIT

Options ROM

04790100



Remote control Professional-Remote

- **0478900** Remote control Professional-Remote (Diesel)
- **0478700** Remote control Professional-Remote (PTO)
- 8 buttons with pressure on/off, (vacuum on/off), infinite speed control, emergency stop and battery charger for transmitter. (Ecofit Diesel)
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance



Remote control HeavyDuty-Remote

- Remote control HeavyDuty-Remote
- 10 buttons with pressure on/off, (vacuum on/off), infinite speed control, information display, external antenna, removable rechargeable battery, emergency stop and battery charger for transmitter
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

0424



Working light (LED)

- Working light (LED) on magnetic bracket
- For illumination of your work space

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

- **04132** Additional 600l. water tank including couplings and frame modification
- **041321** Additional 800l. water tank including couplings and frame modification
- **04133** Additional 1000l. water tank including couplings and frame modification
- **041331** Additional 1350l. water tank including couplings and frame modification

0481



Fixed venturi type ejector

- Fixed venturi type ejector including 10m. Hose (ND50) and a professional self floating synthetic basket. Connected onto water tank of the HP system
- (Re)fill your water tank quickly and easily by suctioning surface water
- The filter on the venturi type ejector prevents contamination of the water tank by aquatic weeds and floating debris



High pressure hot water unit

- **0423510** High pressure hot water unit 70kW "Commercial design"
- **042351** High pressure hot water unit 60kW "Professional design"

0405



Spray painted in specific colour

- Spray painted in special company colour (RAL)



Lining

- Consult ROM for all the possibilities concerning "lining" in your skid mounted vehicle.

OTHER OPTIONS

Art.No. Description

0269	Mounting of installation in Barneveld, consisting of installation package, accessories, labour and mounting according to the European CE regulations
04012	Installation kit, consisting of e.g. galvanised mounting plates, assembly items, flexible stainless steel exhaust pipe, bandage and connectors
0404	Fuel from vehicle fuel tank (replaces standard fuel tank), including fuel lift pump, piping, labour and mounting
0447	Separate fuel tank
04794	Unwinding of HP hose reel via remote control (only in combination with hydraulically driven HP reel and 8 or 10 button remote control)
04372	Reeling and un-reeling of HP hose via cross spindle system and automatic adjustment via integrated hose guiding system
04796	Automatic diesel engine start on operating panel and remote control
0417	Additional cable reel with 50m. cable (only available in combination with option radiographic remote control)
04257	Traffic Safety Packages ROM Jetting skid-mounted units
0403	Extension of hydraulic system for hydraulic drive second HP reel or filling hose reel. Possible with maximum 60m. 1/2" or 80m. 3/8" HP hose.
0422	Dry run protection for HP pump in combination with hydraulically driven reel. This protection is necessary in combination with all Speck HP pumps
0480	Dry run protection for HP pump in combination with two water tanks and hydraulically driven reel
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
041313	1350l. instead of 1000l. water tank, placed on and in an extended frame
0440	2 stainless steel anti-surge baffle plates mounted inside 600, 800, 1000 or 1350l. water tank (Reduces rocking and increases driving comfort)
0411	Extending hydrant filling connection equipped with STORZ coupling (cam size 66mm.) with filter
0474	Automatic filling system water tank operating on 12/24V, mounting or floating system on filling connection and/or water filling hose reel (max. 8 bar)
0549	Suction-injector for anti-freeze, hose included. Equipped with quick connection
0443	Bypass switch dry run protection
04812	Eagle silence drive
0484	Pulsation system, manually operated. For a lower water consumption and the hose advances further in the pipe and passes through bends easier
04837	Pulsation system, electronically operated via remote control and/or control panel. For a lower water consumption and the hose advances further in pipe)
042362	Diesel particulate filter integrated in stainless steel muffler
042364	Diesel particulate filter integrated in stainless steel muffler, incl. monitoring system and display
0423519	80m. instead of 40m. 3/8" heat resistant hose for hot water unit
042320	40m. 3/8" HP steelply hose, max. 300 bars
04233	40m. 3/8" HP steelply hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spray lance
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
0551010	Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage)
0551050	Frost Protection System via Webasto AirTop 2000ST heater, including thermostat, battery combiner and additional 105A battery, connected to ROM HP installation's fuel tank (built in B'veld, NL) (ROM van pack units)
0551070	Frost Protection System via Webasto AirTop 2000ST heater, including , including thermostat, battery combiner and additional 105A battery, connected to vehicle (built in B'veld, NL)
007005	Nozzle case ROM JetToolcase Basic (Hose ND13 & ND16 with 1/2" connection)
0070	Nozzle case ROM JetToolcase (Hose ND13 & ND16 with 1/2" connection)

* 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.

Ask for our package deals

ROM Professional Skid mounted jetting unit



The ROM Professional high pressure sewer jetting unit is suitable for installation in heavy-duty commercial vehicles. The installation is available with a separate diesel engine or as a PTO installation and is designed for the cleaning of house connections and sanitary sewer systems of up to Ø600mm. The robust design and its high quality are valued by professional sewer cleaners and local authorities worldwide.

Versatile

The ROM Professional is a high pressure sewer cleaning unit with a solidly built construction. Because of the option of 1/2" and 3/4" high pressure jetting hose, the unit is versatile.

Three reels

The ROM Professional has two hydraulically driven high pressure reels and a hydraulically driven filling reel. The HP reels can be rotated independently and have foldable hose guides supported by bearings.

Optimum performance

Maximum performance is achieved at the end of the sewer cleaning hose due to the wide tubes and specially developed low resistance radial flow, which contributes to an optimal output.

PTO driven

With the PTO version, the water pump is hydraulically driven by a pump on the vehicle gearbox. A soft start module ensures that the water pump is switched on and off.

Generous 1000-litre water tank

By default, the unit possesses a generous 1000-litre water tank. Because of this, you do not need to refill the tank as often allowing you to continue working for longer.

CE Marking

The ROM Professional is manufactured by an ISO certified specialist company and is assembled according to customer requirements. The design and production of the ROM Professional meet the CE marking safety requirements.

Several options available

Although a basic version of the ROM Professional is already completely equipped, several options and accessories are at your disposal.

Options? See next pages

More info, go to rombv.com

Technical information



Suitable for

Unblocking and cleaning of drains and sewers up to max. Ø600mm
Facade, surface and drain cleaning and graffiti removal

Drive

Diesel or PTO
Electric starting system

High pressure pump

Speck, 3 plunger high pressure pump
Cleaning pressure up to max. 150 bar and water capacity up to max. 130 l/min

High pressure reels

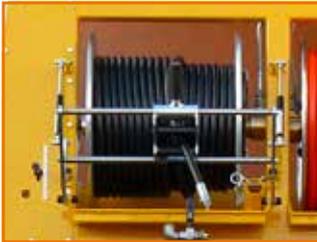
Hydraulically driven
HP Reel 1: Suitable for max. 100m 1/2" (ND13)
HP Reel 2: Suitable for max. 100m 3/4" (ND13)
ROM radial swivel joint

Conservation

Frame/sheet metal sand blasted, treated with rust-proofing primer, finished in RAL 7016 Anthracite grey
Reels, piping and several accessories galvanised

Standard features include i.a.

Spacious 1000-litre water tank
3 hydraulically driven reels (high pressure reels and filling hose reel)
High pressure reels mounted on swivelling frame
Water filling hose reel with 50m. 3/4" water hose
Several accessories such as an infinitely adjustable pressure regulator, pressure gauge and water filter with automatic water stop and washable element



Advantages

- Appropriate for installation in closed heavy-duty commercial vehicles
- Versatile and according to choice can be set to 1/2" or 3/4" high pressure jetting hose
- Sturdy and functional design
- 3 hydraulically driven reels (incl. filling reel) can be rotated independently and have collapsible hose guides supported by bearings
- Maximum performance achieved at the end of the sewer cleaning hose due to the wide tubes and in-house developed low resistance radial swivel joint

Article number	02621	02671	0267	02670
Version	ROM Professional 150/100/3H Diesel	ROM Professional 150/130/3H Diesel	ROM Professional 150/100/3H PTO	ROM Professional 150/130/3H PTO
Starting system	Electric		-	
Engine	Diesel, 33kW / 45hp Kubota V1505 T	Diesel, 42kW / 57hp Kubota V2403M T	PTO	PTO
Pump	Speck P45/100	Speck P55/128	Speck P45/100	Speck P55/128
Water tank capacity	1000L			
Empty weight (excl. options)	Approx. 1080kg	Approx. 1190kg	Approx. 1100kg	Approx. 1180kg
Dimensions in mm (l x w x h)	2060 x 1580 x 1590mm	2200 x 1580 x 1590mm	1870 x 1580 x 1590mm	
HP reel drive	Hydraulically driven			
HP sewer jetting hose	80m 3/4" (ND20) en 80m 1/2" (ND13)			
Water filling hose reel	Hydraulically driven water filling hose reel incl. 50m. 3/4" water filling hose (ND20)			



OPTIONS ROM PROFESSIONAL

0478900



Remote control Professional-Remote

- Hydraulic radio remote control Professional-Remote
- 8 buttons with pressure on/off, (vacuum on/off), infinite speed control, emergency stop and battery charger for transmitter
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

04790100



Remote control HeavyDuty-Remote

- Remote control HeavyDuty-Remote
- 10 buttons with pressure on/off, (vacuum on/off), infinite speed control, information display, external antenna, removable rechargeable battery, emergency stop and battery charger for transmitter
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

0424



Working light (LED)

- Working light (LED) on magnetic bracket
- For illumination of your work space

0437



Cross spindle system

- Reeling and un-reeling of HP hose 3/4" via cross spindle system and automatic adjustment via integrated hose guiding system

0411



Extending hydrant filling connection

- Extending hydrant filling connection equipped with STORZ coupling (cam size 66mm.) with filter
- Filling of the water tank via STORZ connection (for e.g. fire hydrants)
- Via the optional Open Venturi Type Ejector you can also (re)fill the water tank via surface water. Besides this, you can empty cellars, shafts, and manholes

0481



Fixed venturi type ejector

- Fixed venturi type ejector including 10m. Hose (ND50) and a professional self floating synthetic basket. Connected onto water tank of the HP system.
- (Re)fill your water tank quickly and easily by suctioning surface water
- The filter on the venturi type ejector prevents contamination of the water tank by aquatic weeds and floating debris



High pressure hot water unit

- **0423510** High pressure hot water unit 70kW "Commercial design", incl. plateau, diesel tank of machine, 40m. 3/8" heat resistant hose and funnel
- **042351** High pressure hot water unit 60kW "Professional design", incl. brackets, diesel tank, 40m. 3/8" heat resistant hose, convertor 12V-230V and funnel



Nozzle case ROM JetToolcase

- Nozzle case ROM JetToolcase (Hose ND13 & ND16 with 1/2" connection)



Nozzle case ROM JetToolcase+

- Nozzle case ROM JetToolcase+ (Hose ND13 & ND16 with 1/2" connection)

OTHER OPTIONS

Art.No. Description

Art.No.	Description
0270	Mounting of installation in Barneveld, consisting of installation package, accessories, labour and mounting according to the European CE regulations
0404	Fuel from vehicle fuel tank (replaces standard fuel tank), including fuel lift pump, piping, labour and mounting
0447	Separate fuel tank
04794	Unwinding of HP hose reel via remote control (only in combination with hydraulically driven HP reel and 8 or 10 button remote control)
04796	Automatic diesel engine start on operating panel and remote control
0417	Additional cable reel with 50m. cable (only available in combination with option radiographic remote control)
04257	Traffic Safety Packages ROM Jetting skid-mounted units
0422	Dry run protection for HP pump in combination with hydraulically driven reel. This protection is recommended in combination with all Speck HP pumps, including the types NP25, P30, P41 and P45. This is explicitly stated in the instructions for use by Speck
0480	Dry run protection for HP pump in combination with two water tanks and hydraulically driven reel
04133	Additional 1000l. water tank including couplings and frame modification. Only available in combination with 600l. or 1000l. water tank
0440	2 stainless steel anti-surge baffle plates mounted inside 600, 800, 1000 or 1350l. water tank
0474	Automatic filling system water tank operating on 12/24V, mounting or floating system on filling connection and/or water filling hose reel (max. 8 bar)
0443	Bypass switch dry run protection
0484	Pulsation system, manually operated. For a lower water consumption and the hose advances further in the pipe and passes through bends easier
04837	Pulsation system, electronically operated via remote control and/or control panel. For a lower water consumption and the hose advances further in the pipe and passes through bends easier
042362	Diesel particulate filter integrated in stainless steel muffler
042364	Diesel particulate filter integrated in stainless steel muffler, incl. monitoring system and display
0423519	80m. instead of 40m. 3/8" heat resistant hose for hot water unit
04854	120m. instead of 80m. 3/4" HP sewer jetting hose
0551010	Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage)
0551050	Frost Protection System via Webasto AirTop 2000ST heater, including thermostat, battery combiner and additional 105A battery, connected to ROM HP installation's fuel tank (built in B'veld, NL)
0551070	Frost Protection System via Webasto AirTop 2000ST heater, including , including thermostat, battery combiner and additional 105A battery, connected to vehicle (built in B'veld, NL) (ROM van pack units)

* 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.



ROM VACUUM UNITS

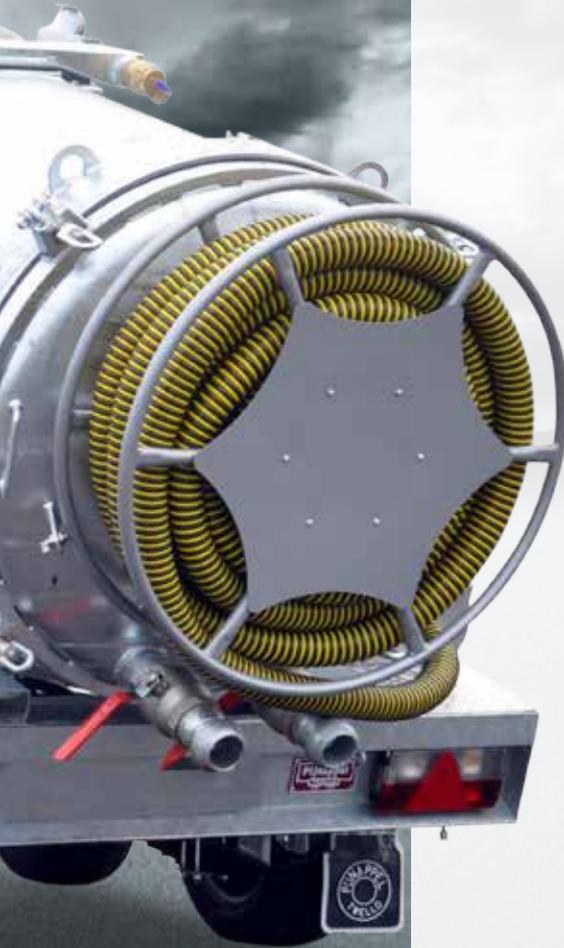
ROM vacuum units are intended for the simple emptying of grease traps, septic tanks and surface water drains. The units are perfect for use in places that are difficult to access such as schoolyards and shopping centres. The vacuum units are also suited for the removal of excess water after flooding problems. You can think of, for example, flooded cellars or garages.

The ROM VAC pick-up units are available in different versions (600l. - 2000l. tanks) and offer you mobility and flexibility. A perfect opportunity to expand your activities

Thanks to a convenient pick-up system with fork-lift tubes, you can easily pick up the units and place them on a trailer or a vehicle with flatbed. Don't need the unit for some time? Then you can remove it allowing you to use your vehicle for other purposes.

Applications for which these machines are used:

- Emptying of grease traps
- Septic tank cleaning
- Emptying of surface water drains
- Emptying of flooded cellars and garages
- Calamity approach with severe flooding of pollution of surface water
- Pit cleaning



The above mentioned applications are merely examples of the many possibilities. On the following pages you will find more information concerning the specific machines. More information? Consult your local ROM partner or contact ROM.

ROM VAC Pick-up units

Vacuum pick-up unit



The ROM VAC pick-up units are intended for the simple emptying of grease traps, septic tanks and surface water drains. The compact design is ideal for places with difficult access such as shopping centres and schoolyards. The vacuum units are also suited for suctioning the excess water after flooding problems. The installations are available in different versions (600l. - 2000l. tanks) and offer the perfect to expand your activities.

Pick-up system

De ROM VAC is placed on a hot-dip galvanised frame onto which fork-lift tubes are connected. Thanks to this, you can easily place your ROM VAC on a trailer or a commercial vehicle with flatbed. The advantage is that you can easily remove the pick-up unit from your vehicle or trailer when you don't need to use it for a short period of time.

In length or in width?

Depending on where you want to place your pick up unit you can choose either a length version, perfect for placement on a trailer, or a width version in case you would like to place the machine on a flatbed. This way, you always make the best use of the available space and the unit's control is at exactly the right place.

Extra low version for parking garages

Would you like to use the ROM VAC pick-up unit in parking garages as well? Choose the VAC 1750. This vacuum unit is unique because of its height of only 1.14 metres (combined with most trailers, the total height remains below 1.95 metres). With ease, you can reach places with difficult access such as parking garages.

Design

The ROM VAC has been designed with attention devoted to both functionality and design of the machine. For example, choose a design bonnet in your company's colours for an optimal representative appearance.

Safety

The vacuum system possesses all necessary safety measurements, such as over and under pressure safety valves, an emergency stop and a double ball valve in the tank to prevent over suctioning). The moisture trap with second ball safety valve protects the vacuum pump by draining fluid that comes along with air. This second ball valve is an additional safety feature against over suctioning.

Durable

The robust vacuum tank with integrated pick-up frame is entirely hot-dip galvanised. Because of this, the VAC is well protected against weather conditions and allows you to work carefree for years on end.

Fast cleaning

It only takes a short time to clean the unit because the rear cover can be opened. Drain the sludge, quickly clean the inside and on to the next job. The built-in level indicator shows exactly how much sludge is in the tank.

Options? See next pages

More info, go to rombv.com

Technical information



Suitable for

Easy emptying of grease traps, septic tanks, surface water drains etc.
Calamity approach with severe flooding
Places that are difficult to access such as schoolyards and shopping centres

Drive

Petrol engine
Electric starting system



Vacuum tank

Various configurations available (600l. - 2000l.)
Entirely hot-dip galvanised
Rear side that's easy to operate. Can be opened up to 110° on smooth running "oversized" hinges

Vacuum pump

MEC air cooled sliding vane pump, driven through a double V-belt transmission and finished in rust-proofing metallic lacquer
Free air displacement up to max. 4.350 l/min
Automatic lubrication
Max. vacuum -0.85 bar
Mounted on anti-vibration sub frame
Combined oil separator / silencer



Conservation

Vacuum tank entirely hot-dip galvanised both inside and out
All frame parts and fork lift tubes entirely hot-dip galvanised

Standard features include i.a.

Two x 2m (3") suction- / press- /drain hose with couplings
Several safety measurements, double ball safety valve, moisture separator with second ball valve, combined oil separator / silencer, pressure gauge and level indicator

Advantages

- User friendly operation
- Powerful vacuum pump sprayed in silver anti-corrosion metallic paint, incl. automatic lubrication
- Choose between various Honda engines
- Engine/pump combination can be placed both on front as well as left side so that a long and narrow or a short and wide machine is created
- Durable entirely hot-dip galvanised design
- Standard with several safety measurements
- Combined oil separator / silencer
- Professional appearance

Article number	0318	0319	0321	0322	032250	0323
Version	ROM VAC 600	ROM VAC 1000	ROM VAC 1200	ROM VAC 1600	ROM VAC 1750	ROM VAC 2000
Starting system	Electric					
Engine	Petrol 9hp Honda		Petrol 13hp Honda			
Pump	MEC 2000		MEC 4000			
Water tank capacity	600l	1000l	1200l	1600l	1750l	2000l
Empty weight	Approx. 490kg	Approx. 540kg	Approx. 600kg	Approx. 650kg	Approx. 660kg	Approx. 705kg
Dimensions (long version)	1.70x1.20x1.40m	2.10x1.30x1.50m	2.23x1.30x1.58m	2.25x1.50x1.62m	3.44x1.15x1.14m	2.57x1.50x1.62m
Dimensions (wide version)	1.20x1.70x1.40m	1.55x1.80x1.50m	1.83x1.945x1.58m	1.64x2.04x1.62m	n/a	1.96x2.04x1.62m
Suction/Press/Drain hose	2 x 2m. 3"					



ROM 1600 Vacuum trailer



The ROM 1600 vacuum trailer allows you to empty flooded cellars or garages. The convenient level indicator shows when the sludge tank is full. The user friendly tipping system the vacuum tank is emptied and cleaned in no time at all. Ready for the next job. ROM delivers this vacuum unit on a twin axle chassis. The trailer has a low centre of gravity and because of that, it has a very stable road holding.

Compact and low design

With a height of less than two metres, the ROM 1600 is ideal for places that are hard to reach, such as city centres and parking garages.

Ergonomic working height

All operational components are placed at an ergonomic working height and are within reach. In addition, the ROM 1600 is equipped with a level indicator so you can easily check the level of sludge in the tank. Due to this, working with the ROM 1600 is not only comfortable but also efficient.

Safety

The unit is fitted with safety measurements to protect against over and under pressure. The double ball valve prevents over suctioning. Additionally, a moisture trap (with second ball safety valve) protects the vacuum pump by draining fluid that comes along with air. This second ball valve is an additional safety feature against over suctioning.

Clean and hygienic

The combined oil separator / silencer ensure that oils that are released during use of the vacuum pump do not end up on your machine or in the environment and, maybe even more important, are not detrimental to the health of your employees.

Durable

The robust vacuum trailer features among others a fully hot-dip galvanised tank and frame. Because of this the ROM 1600 is well protected and you can work care free for years.

Petrol or Diesel

The ROM 1600 is available with a petrol engine and a MEC 4000 vacuum pump or with a diesel engine and a Vacustar vacuum pump. Both configurations are equipped with a electrical tipping system.

Intensive use

Are you planning to use the ROM 1600 intensively? Then choose a Kubota diesel engine and a Heavy-Duty VacuStar L400 vacuum pump. This vacuum pump has a very high airflow for maximum suction power and is very well suited to use intensively.

Want to use the ROM 1600 less frequently? Then choose a petrol engine and a MEC 4000 vacuum pump.

Options? See next pages

More info, go to rombv.com

Technical information



Suitable for

Easy emptying of grease traps, septic tanks, surface water drains etc.
Calamity approach with severe flooding
Places that are difficult to access such as schoolyards and shopping centres

Drive

Petrol or Diesel
Electric starting system

Vacuum tank

1600 litres
Entirely hot-dip galvanised
Rear side that's easy to operate. Can be opened up to 110° on smooth running
"oversized" hinges

Vacuum pump

ROM 1600 Petrol: MEC 4000 - 4350 l/min
ROM 1600 Diesel: Heavy-Duty VacuStar L400 - 5400 l/min
Automatic lubrication
Max. vacuum -0.75 bar
Mounted on anti-vibration sub frame
Combined oil separator / silencer

Conservation

Vacuum tank entirely hot-dip galvanised both inside and out
All frame parts and fork lift tubes entirely hot-dip galvanised

Standard features include i.a.

Two x 2m (3") suction- / press- / drain hose with couplings
Several safety measurements, double ball safety valve, moisture separator with second ball valve, combined oil separator / silencer, pressure gauge and level indicator



Advantages

- As standard delivered with twin axle chassis
- Convenient tipping system with cover that can be opened completely for fast emptying and cleaning
- Stable road holding thanks to low centre of gravity
- Comfortable and efficient working due to operational components placed at ergonomic height are within reach
- Long lifespan
- Standard lavishly equipped, such as various safety measurements
- Several options available

Article number	0307	030702
Version	ROM 1600 Vacuum trailer (twin axle)	
Engine	13,2kW / 18hp B&S VANGUARD Petrol Engine	9,4kW / 13pk KUBOTA Z482 Diesel Engine
Vacuumpump	MEC 4000	Heavy-Duty VacuStar L 400
Capacity	4350 l/min	5400 l/min
Water tank capacity	1600l	
Empty weight (excl. options)	Approx. 1380kg	ca. 1480kg
Vacuum hose	2x 3" (ND75)	
Dimensions (l x w x h)	4750x1810x1840mm	



OPTIONS ROM VAC PICK-UP

04683



Design engine/pump cover

- Designer engine/pump cover with hinged lid, colour RAL 2004 Pure orange

0654



Reel for suction hose

- Manually operated reel for suction hose in colour RAL 9006 White aluminium, mounted to sewage tank, excluding vacuum hose (not for 600l. unit)

04686



Drain pipe

- Drain pipe for discharging water, halfway of the sludge water tank level

04684



Spray painted in custom colour

- Vacuum tank spray painted in special colour for unit (RAL)

OTHER OPTIONS

Art.No. Description

027050	Installation on flat cargofloor in Barneveld, consisting of accessories, labour and mounting according to the European CE regulations.
04682	18m. vacuum hose 2", suction pipe with ball valve (in combination with option 0654).
04681	Second connection with 18m. vacuum hose 2", suction pipe with ball valve. Two hooks for vacuum hose storage and holster for suction pipe.
0442	Sampling connection ND75.
06232	Active carbon filter element for air filtration and noise reduction, consisting of stainless steel housing and filter element.
0462	13hp Kubota Z482 diesel engine instead of petrol engine.
0676	Long Life upgrade kit for vacuum pump RV3100 / MEC 2000 to significantly extend the effective running time. Kit exists of Kevlar-reinforced instead of standard partitions in the vacuum pump, steel instead of plastic filter element in the oil separator and additional oil reservoir.
0677	Long Life upgrade kit for vacuum pump RV5200 / MEC 4000 to significantly extend the effective running time. Kit exists of Kevlar-reinforced instead of standard partitions in the vacuum pump, steel instead of plastic filter element in the oil separator and additional oil reservoir.
0461	Heavy-Duty vacuum pump, model VacuStar L 400, 325m ³ /h (instead of standard vacuum pump)
3615	2,5m. 3" vacuum hose with Perrot coupling.
0441	3" suction pipe or aluminium, complete with handle and 3" valve in storage holder.

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

OPTIONS ROM 1600

0425



Rotating beacon 360° (LED) on pole

- Rotating beacon 360° (LED) on pole. Not in combination with working light on pole

0654



Reel for suction hose

- Manually operated reel for suction hose in colour RAL 9006 White aluminium, mounted to sewage tank, excluding vacuum hose (not for 600l. unit)

0462



Kubota diesel engine

- 13hp Kubota Z482 diesel engine instead of petrol engine

06232



Active carbon filter

- Active carbon filter element for air filtration and noise reduction, consisting of stainless steel housing and filter element

0442



Sampling connection ND75

- Sampling connection ND75

0461



Heavy-Duty vacuum pump

- Heavy-Duty vacuum pump, model VacuStar L 400, 325m³/h (instead of standard vacuum pump)

OTHER OPTIONS

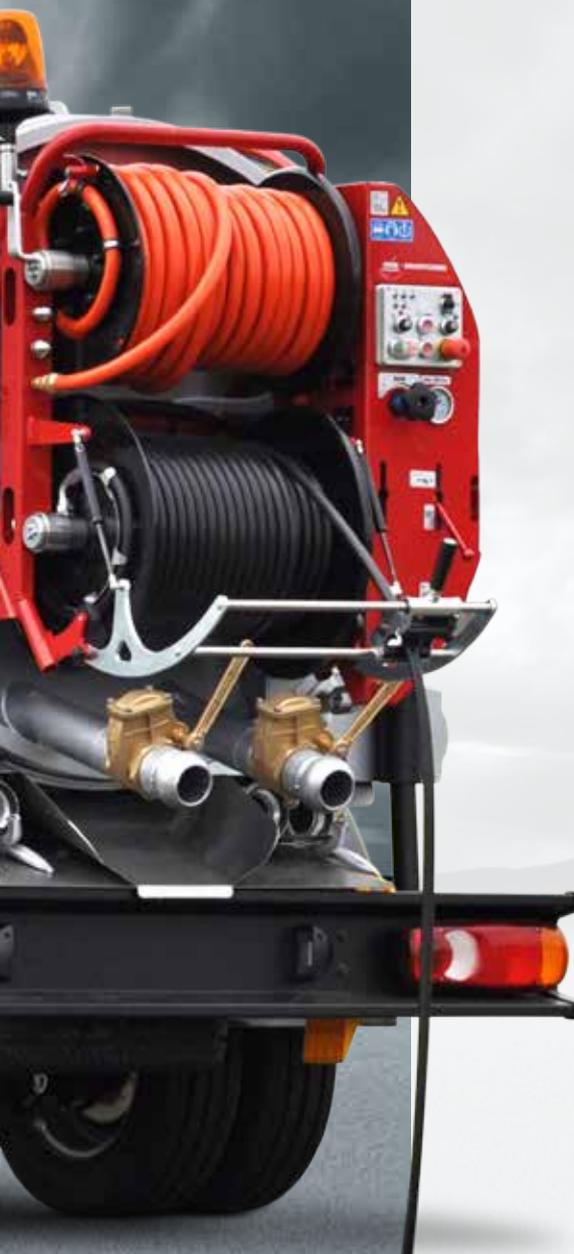
Art.No. Description

0677	Long Life upgrade kit for vacuum pump RV5200 / MEC 4000 to significantly extend the effective running time. Kit exists of Kevlar-reinforced instead of standard partitions in the vacuum pump, steel instead of plastic filter element in the oil separator and additional oil reservoir
0426	Digital speed/working hour counter for petrol engine
0424	Working light (LED) on magnetic bracket
04243	Working light (LED) on pole
04682	18m. vacuum hose 2", suction pipe with ball valve (in combination with option 0654)
04681	Second connection with 18m. vacuum hose 2", suction pipe with ball valve. Two hooks for vacuum hose storage and holster for suction pipe
04686	Drain pipe for discharging water, halfway of the sludge water tank level
3615	2,5m. 3" vacuum hose with Perrot coupling
0441	3" suction pipe of aluminium, complete with handle and 3" valve in storage holder
04521	Protection mat for inside the toolbox (price per metre)
04684	Vacuumtank spray painted in special colour for unit (RAL)
00163	RDW vehicle approval test (Only NL) < 3500kg

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



COMBI HIGH PRESSURE- & VACUUM UNITS



Compact, lightweight and maximum reliability. This characterises our combined units. With the combined units you benefit optimally from the tried and trusted ROM high pressure technology, combined with our years of experience in the field of vacuum machines. The vacuum unit lets you suction grease traps, septic tanks, gullies and flooded cellars. The high pressure unit is suitable for unblocking and cleaning house connections and the main sewer system.

Within our combined units line you can choose between several types including the SmartCombi (appropriate from 3,5 tonnes chassis) and the SmartCombi PRO (appropriate from 6 tonnes chassis). The units can be mounted onto a chassis, tandem axle trailer or flatbed. The vacuum system can be executed with a conventional vacuum pump or a unique thrust jetter.

SmartCombi

The compact, lightweight SmartCombi equipped with diesel engine is available in various configurations with a maximal cleaning pressure of 200 bar and a flushing capacity of maximum 75l/min.

SmartCombi PRO

The SmartCombi PRO, the successful SmartCombi's 'big brother', offers apart from more flushing and cleaning capacity, many extras and is available in both PTO drive as well as powerful diesel versions.

Interventor Combi

A combined unit installed in a van? ROM offers this with our Interventor Combi. In the back of the vehicle the high pressure module is installed and at the side a vacuum unit.

Other Combi installations

Besides the above mentioned units, ROM offers other Combi solutions. One example of this is the Combi 3500/1000/85 for 12 tonnes vehicles. You can choose your combi as you desire, matching the type of job and the demands that go with it. More info? Consult your local partner or contact ROM.

Applications for which these machines are used:

- Emptying of grease traps
- Septic tank cleaning
- Emptying of surface water drains
- Calamity approach with severe flooding or pollution of surface water or contamination of surface water
- Pit cleaning

Vacuum pump or thrust jetter?

Advantages thrust jetter:

- More compact in build because less components are needed (saves approx. 120 kg in body weight)
- Less maintenance demanding components
- Environmentally friendly: a thrust jetter uses, in contrary to a vacuum pump, no lubricating oil
- Less noise nuisance because there is no vacuum pump
- Lower investment

Advantages vacuum pump:

- The vacuum pump allows for simultaneous suction and jetting activities

The above mentioned applications are merely examples of the many possibilities. On the following pages you will find more information concerning the specific machines. More information? Consult your local ROM partner or contact ROM.

ROM SmartCombi HP-Vac Combined unit



The ROM SmartCombi is a compact and attractively priced design combined unit. The combined high pressure and vacuum pick up unit can be mounted on a chassis (from 3,5 tonnes), twin axle trailer or flatbed. The durable design is extremely compact and manoeuvrable and therefore perfect for use in city centres and parking areas. The SmartCombi is specifically designed for suction and jetting activities. It is perfectly suitable for the unblocking/cleaning of house connections and municipal sewers of up to Ø600mm. and the draining of flooded basements and grease traps.

Several versions

The SmartCombi is fitted with a frugal low-noise Kubota diesel engine and a Speck high pressure pump. The vacuum system can be executed with a unique thrust jetter or a vacuum pump with a maximum cleaning pressure of 200 bar and a maximum water capacity of 75 litres per minute. You can choose from several tank capacities fresh and waste water; (1500 litres in total). The vehicle is very compact and lightweight which makes it possible to drive it with a regular driving licence (depending on total weight of vehicle and its load).

Lightweight

Thanks to a low weight (from only 800kg) you are left with maximal loading capacity. Thus, you can take on more fresh water and sludge.

Compact

Because of the compact design, our SmartCombis are particularly suitable for city centres and car parks (option: lowering vehicle) and other locations that are difficult to access.

Reliable

The robust construction ensures a prolonged durability. For instance, the tank is fully galvanised inside and out. The steady engine/pump combinations (Kubota engines and Speck high pressure pumps) offers you a lasting solution.

Cost saving

The unit is sharply priced and suitable for mounting onto a twin axle trailer, open body truck or lightweight chassis, requiring only a modest investment. And, no small importance, the compact and lightweight unit offers a considerable daily fuel saving.

User friendly simplicity

The unit combines tried techniques and user friendly simplicity. You will be amazed how easy it is to operate the SmartCombi. Because of this, you and your employees will work more productive than ever.

Safe

The unit has a CE-safety mark, which guarantees that the machine complies with the European regulations concerning safety, environment and user health. By default, the unit is supplied with all necessary safeties, such as over pressure and under pressure safety valves, emergency stop and a double ball valve (prevents over suctioning). Should you choose a version with a vacuum pump, then the combi is also fitted with automatic lubrication, a combined oil separator / silencer and a moisture separator, including second ball valve.

Options? See next pages

More info, go to rombv.com

Technical information



Suitable for

Unblocking / cleaning of drains and sewers up to Ø600mm
Emptying of flooded cellars and grease traps

Drive

Diesel engine | Electric starting system

High pressure pump

Speck, 3 plunger high pressure pump
Cleaning pressure up to max. 200 bar and a water capacity up to max. 75 l/min

High pressure reel

Manually operated | Suitable for 80m ½" (ND13) HP sewer jetting hose

Vacuum system

Either via advanced thrust jetter or conventional high pressure pump
Free air displacement of up to max. 6.500 l/min
Max. vacuum -0.85 bar
Mounted on anti-vibration sub frame

Conservation

Tank entirely hot-dip galvanised both inside and out
Reel frame and control panel powder coated RAL 9006
Reels powder coated in high gloss RAL 7016 (Anthracite grey)

Standard features include i.a.

1500-litre fresh water / sludge tank | Frugal low-noise Kubota diesel engine
Various safety measurements

Advantages

- For twin axle trailer, open body truck or a chassis from 3,5 ton such as Renault Maxity, Nissan Cabstar, Ford Transit en Toyota Dyna
- Lightweight; from 800 kg
- Compact and manoeuvrable
- Regular driving licence is possible
- Lowering vehicle for parking garages (option)
- Slanted bottom; fast unloading and cleaning of tank
- User friendly control panel & control cabinet
- Integrated (fork lift) tubes to store hoses
- Fast switching between suction (thrust jetter) and jetting (high pressure reel) via remote control

Article number	0301020	0301030	0301040	0301050	0301060	0301070	0301080
Version	ROM SmartCombi S-140/60	ROM SmartCombi V-140/60	ROM SmartCombi S-200/60	ROM SmartCombi V-200/60	ROM SmartCombi S-150/75	ROM SmartCombi V-150/75	ROM SmartCombi V-200/72
Starting system	Electric						
Engine	Diesel, 19kW / 25hp Kubota D1105		Diesel, 23.5kW / 32hp Kubota D1105T	Diesel, 33kW / 45hp Kubota V1505 T	Diesel, 23.5kW / 32hp Kubota D1105T	Diesel, 33kW / 45hp Kubota V1505 T	
High pressure pump	Speck NP25/60		Speck P45/60		Speck P45/75		Speck P45/72
Vacuum system	Thrust jetter, 4200l/min (0.85 bar)	Vacuum pump, 3600l/min (0.75 bar)	Thrust jetter, 6500l/min (0.85 bar)	Vacuum pump, 4100l/min (0.75 bar)	Thrust jetter, 6500l/min (0.85 bar)	Vacuum pump, 4100l/min (0.75 bar)	Vacuum pump, 4100l/min (0.75 bar)
Water tank capacity	1.000/500 ór 900/600 ór 800/700 litres (waste-/ fresh water)						
Empty weight (excl. options)	Approx. 800kg	Approx. 920kg	Approx. 860kg	Approx. 990kg	Approx. 860kg	Approx. 990kg	Approx. 990kg
Dimensions (l x w x h)	Mounting length (advised loading platform length) 2.75m Overall length max. 3.15m Width = 1.300mm Height = 1.350mm (Depending on the chassis chosen = H + H chassis < 2.00m)						
HP reel drive	Manual (hydraulic = optional)						
HP sewer jetting hose	50m. ½" (ND13)						
Water filling hose reel	Optional						
Vacuum hose	3" (ND80) x 2,4m (2 x)						

* Want to know more about the benefits of the thrust jetters and vacuum pump versions? Consult the technical specifications or contact us.



OPTIONS ROM SMARTCOMBI

046831



Design engine / pump cover

- Design engine / pump compartment cover, colour RAL 2004 Pure orange, lockable

0478800



Remote control Professional-Remote

- Remote control Professional-Remote
- 8 buttons with pressure on/off, (vacuum on/off), infinite speed control, emergency stop and battery charger for transmitter
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

04021



Manually operated filling hose reel

- Manually operated water filling hose reel with 50m. 3/4" filling hose (ND20)

0444



Hydraulically driven HP reel

- Hydraulic drive for HP reel. Including mounting of hydro-engine, extensive operation (e.g. free run and speed control) and extendable hose guiding system with ball bearings

0654



Reel for suction hose

- Manually operated reel for suction hose in colour RAL 9006 White aluminium, mounted to sewage tank, excluding vacuum hose (not for 600l. unit)

045250



Storage cabinet

- Lockable tool storage cabinet (side mounted), colour RAL 2004 Pure orange (SmartCombi)

OTHER OPTIONS

Art.No. Description

046795	Mounting on chassis in Barneveld, including necessary mounting brackets, sidelights and wheel covers. (only supported chassis types)
046798	Mounting on flatbed or trailer in Barneveld
04679812	Mounting kit "Basic" Renault Maxity/Nissan Cabstar (wheelbase 2.500mm.)
04679814	Mounting kit "Extended" Renault Maxity/Nissan Cabstar (wheelbase 2.500mm.)
04679816	Mounting kit "Basic" Iveco Daily (wheelbase 3.000mm.)
04679818	Mounting kit "Extended" Iveco Daily (wheelbase 3.000mm.)
04679823	Mounting kit "Basic" Fiat Ducato (wheel base 3.450mm.)
04679825	Mounting kit "Extended" Fiat Ducato (wheel base 3.450mm.)
04679884	Mounting consoles, set of 8 items
04679900	Lowering vehicle cabin and modifying suspension Renault Maxity/Nissan Cabstar from 2.12m. to approx 1.98m.
04679911	Lowering vehicle cabin Renault Maxity/Nissan Cabstar from 2.12m. to approx 1.95m.
04679944	Lowering vehicle cabin and modifying front axle suspension Renault Maxity/Nissan Cabstar from 2.12m. to approx 1.85m.
04679977	Lowering vehicle cabin Mitsubishi Fuso Canter 6S15 from 2.125m. to approx 2.05m.
04375	Quick switching between suction(thrust jetter) and projection (high pressure reel) on remote control (only available in combination with option Professional-Remote 8 buttons & HeavyDuty-Remote 10 buttons radiographic remote control)
0424	Working light (LED) on magnetic bracket
0425	Rotating beacon 360° (LED) on pole
04259	Traffic Safety Package ROM SmartCombi (PRO)
042301	Manually operated second HP reel with 3-way valve/unloader combined system. Excluding HP hose
0421	Dry run protection for HP pump
0422	Dry run protection for HP pump in combination with hydraulically driven reel. This protection is necessary in combination with all Speck HP pumps, including the types NP25, P30, P41 and P45. This is explicitly stated in the instructions for use by Speck
04816	Fixed venturi type ejector including 10m. hose and filter. Connected onto HP system. (SmartCombi (PRO) "V" types)
04818	Fixed venturi type ejector including 10m. hose and filter. Connected onto HP system. (SmartCombi (PRO) "S" types)
0484	Pulsation system, manually operated. For a lower water consumption and the hose advances further in the pipe and passes through bends easier
042362	Diesel particulate filter integrated in stainless steel muffler
042364	Diesel particulate filter integrated in stainless steel muffler, incl. monitoring system and display
042655	Hour counter
042320	40m. 3/8" HP steelply hose, max. 300 bars
04233	40m. 3/8" HP steelply hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spraylance
04840	80m. instead of 50m. 1/2" HP sewer jetting hose
0551010	Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage)
045688	Additional thrust jetter to quickly empty vacuum tank (not possible on SmartCombi V-types)
04531	Linking system for the vacuum water tank onto the fresh water system, consisting of a connection hose with extra fitted T-piece including valve and coupling
045959	Stainless steel discharge plate
045120	Aluminium storage tray (side mounted), colour RAL 2004 Pure orange
045122	4 suction hoses 3 " or 2.4m. (ND80) instead of 2 suction hoses (please note: for some configurations the two additional hoses will, because of the limited space, protrude or be delivered separately)
0452199	Protection mat for inside the toolbox
04674	Cyclist protection bars (prescribed by law)
04682	18m. vacuum hose 2", suction pipe with ball valve (in combination with option 0654)
046829	Additional 2" suction connection with 18,3m. 2" vacuum hose and suction tube with valve. Incl. 2 hooks on side storage tank. (not possible in combination with option 0654 on SmartCombi)
04686	Drain pipe for discharging water, halfway of the sludge water tank level
046867	Drain pipe for discharging water, on 2/3 of the sludge water tank level
067610	Long Life upgrade kit for vacuum pump RV4000 / MEC 3000 to significantly extend the effective running time. Kit exists of Kevlar-reinforced instead of standard partitions in the vacuum pump, steel instead of plastic filter element in the oil separator and additional oil reservoir
0468455	Tank sprayed in colour (RAL colour only)
0468456	Complete unit sprayed in colour (RAL colour only)
0484991	Surcharge for mounting 2 "selector valve" options
0484995	Surcharge for mounting 3 "selector valve" options (SmartCombi (PRO))
290800	Spray gun with lance 70cm. and flatspray nozzle
0434	Nozzle storage rack mounted on installation
00163	RDW vehicle approval test (Only NL) < 3500kg
00165	RDW vehicle approval test (Only NL) > 3500kg
007005	Nozzle case ROM JetToolcase Basic (Hose ND13 & ND16 with 1/2" connection)
0070	Nozzle case ROM JetToolcase (Hose ND13 & ND16 with 1/2" connection)

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

ROM SmartCombi PRO HP-Vac Combined unit



The SmartCombi PRO is the 'big brother' of our SmartCombi and is suitable for vehicles from 6 tonnes. The PRO version offers you, besides extra vacuum suction power and more flushing and cleaning capacity, many other extras and is available in both PTO and diesel version.

The unit has a maximum cleaning pressure of 200 bar and flushing capacity of 100 l/min. With a 3000-litre tank the SmartCombi PRO is perfectly suited for the unblocking and cleaning of domestic connections and main sewers up to Ø600mm as well as draining of flooded cellars and grease traps.

User friendly extras

The SmartCombi PRO is furnished with many extras by default. For instance, the unit is fitted with a hydraulically driven high pressure reel that reaches far outside the vehicle so you have it locked in the right position in no time at all.

You can even place the reel perpendicularly to the vehicle. Having to turn the vehicle numerous times to get it in the ideal place is no longer necessary.

The hose guiding system makes reeling a piece of cake. In addition, the reel is fitted with a control panel that swivels along with the reel so all the buttons you need are always within reach. Nice and efficient.

Robust construction

The SmartCombi PRO is made to operate with satisfaction for years and years. The base frame for instance is galvanised both inside and out. The other frame and steel parts are either electro galvanised or have a durable industrial powder coating.

Safety

By default, the unit is supplied with all necessary safeties, such as over pressure and under pressure safety valves, emergency stop and a double ball valve (prevents over suctioning). Should you choose a version with a vacuum pump, then the combi is also fitted with automatic lubrication, a combined oil separator / silencer and a moisture separator, including second ball valve.

Vacuum system

The vacuum system can be executed with a conventional vacuum pump or a unique thrust jetter. Some of the advantages of our advanced thrust jetter compared to the vacuum pump are an even higher reliability and benefits to the environment, a lower noise level and lower investment costs. Do you want to be able to suction and jet simultaneously? The version with the vacuum pump is the best choice for you.

Easy to clean

The vacuum tank can be cleaned easily because of the rear tank door that opens sideways. Thanks to the slanted bottom, the sludge runs out easily and no residue remains. All it needs is a quick cleaning and you are ready for your next assignment.

Choose your tank capacity

An additional benefit of the slanted bottom is that you can choose the partition of the tank yourself. The 3000-litre total can be partitioned in 2000/1000, 1800/1200 or 1600/1400 litres.

Options? See next pages

More info, go to rombv.com

Technical information



Suitable for

Unblocking / cleaning of house connections and the sanitary sewer system up to Ø600mm
Emptying of flooded cellars and grease traps

Drive

Diesel engine or PTO | Electric starting system

High pressure pump

Speck, 3 plunger high pressure pump
Cleaning pressure up to max. 200 bar and a water capacity up to max. 100 l/min

High pressure reel

270° rotating high pressure reel
Suitable for max. 120m 1/2" (ND13) or 90m 5/8" HP sewer jetting hose

Vacuümsysteem

Either via advanced thrust jetter or conventional high pressure pump
Free air displacement of up to max. 7.500 l/min
Max. vacuum -0.85 bar
Mounted on anti-vibration sub frame

Conservation

Tank entirely hot-dip galvanised both inside and out
Reel frame and control panel powder coated RAL 9006
Reels powder coated in high gloss RAL 7016 (Anthracite grey)

Standard features include i.a.

3000-litre fresh water / sludge tank | Unique swivelling HP reel
Various safety measurements



Advantages

- Appropriate for chassis types from 6 tonnes, such as Iveco Daily 70C21, Isuzu NPR75, Mitsubishi Fuso 7C18, Avia D75
- Available as PTO- or diesel version. Tank capacity or 3000l.
- Choose fresh water / sludge division yourself. Choice between 2000/1000, 1800/1200 or 1600/1400 litres
- 270° rotating hydraulically driven HP reel with hose guiding system and control panel that swivels along
- Slanted bottom; fast unloading an cleaning or tank
- Integrated (fork lift) tubes; ideal for storage or hoses
- Automatically closing water filter with washable element

Article number	0302020	0302030	0302040	0302050	0302060	0302070	0302080	0302090
Version	SmartCombi PRO S-200/72 PTO	SmartCombi PRO V-200/72 PTO	SmartCombi PRO S-150/100 PTO	SmartCombi PRO V-150/100 PTO	SmartCombi PRO S-200/72 Diesel	SmartCombi PRO V-200/72 Diesel	SmartCombi PRO S-150/100 Diesel	SmartCombi PRO V-150/100 Diesel
Starting system	-				Electric			
Engine	PTO				Diesel 33kW / 45hp KUBOTA V1505 T			
High pressure pump	Speck P45/72		Speck P45/100		Speck P45/72		Speck P45/100	
Vacuum system	Thrust jetter, 7500 l/min	Vacuum pump, 6150 l/min	Thrust jetter, 7300 l/min	Vacuum pump, 6150 l/min	Thrust jetter, 7500 l/min	Vacuum pump, 6150 l/min	Thrust jetter, 7300 l/min	Vacuum pump, 6150 l/min
Water tank capacity	2000/1000 of 1800/1200 of 1600/1400 liter (waste-/ fresh water)							
Empty weight (excl. options)	Approx. 1290kg	Approx. 1450kg	Approx. 1290kg	Approx. 1450kg	Approx. 1325kg	Approx. 1485kg	Approx. 1325kg	Approx. 1485kg
Dimensions (l x w x h)	Mounting length (advised loading platform length) 3.45m Overall length max. 3.75m Width = 1.600mm Height = 1.650mm							
HP reel drive	270° rotating hydraulically driven HP reel, mounted on swiveling frame (with extendable hose guiding system)							
HP sewer jetting hose	80m 1/2" (ND13)		80m 5/8" (ND16)		80m 1/2" (ND13)		80m 5/8" (ND16)	
Water filling hose reel	Optional							
Vacuum hose	3" ND75 x 3,2m (2 x)							

* Want to know more about the benefits of the thrust jettors and vacuum pump versions? Consult the technical specifications or contact us.



OPTIONS ROM SMARTCOMBI PRO



Remote control Professional-Remote

- **0478700** Hydraulic radio remote control (SmartCombi PRO PTO)
- **0478900** Hydraulic radio remote control (SmartCombi PRO Diesel)
- 8 buttons with pressure on/off, (vacuum on/off), infinite speed control, emergency stop and battery charger for transmitter



Remote control HeavyDuty-Remote

- **0460100** Hydraulic radio remote control (SmartCombi PRO PTO)
- **04790100** Hydraulic radio remote control (SmartCombi PRO Diesel)
- 10 buttons with pressure on/off, (vacuum on/off), infinite speed control, information display, external antenna, removable rechargeable battery, emergency stop and battery charger for transmitter

04021



Manually operated filling hose reel

- Manually operated water filling hose reel with 50m. 3/4" filling hose (ND20)

046832



Design engine / pump cover

- Design engine / pump compartment cover, colour RAL 2004 ure orange, lockable



Drain pipe

- **04686** Drain pipe for discharging water, halfway of the sludge water tank level
- **046867** Drain pipe for discharging water, on 2/3 of the sludge water tank level

0654



Reel for suction hose

- Manually operated reel for suction hose in colour RAL 9006 White aluminium, mounted to sewage tank, excluding vacuum hose (not for 600l. unit)

OTHER OPTIONS

Art.No. Description

046796	Mounting on chassis in Barneveld, including necessary mounting brackets, sidelights and wheel covers. (Only supported chassis types)
04679830	Mounting kit "Basic", consisting of support frame, set of mounting consoles and mounting material
04679832	Mounting kit "Extended", consisting of support frame, set of mounting consoles and mounting material, side protection, side lighting, mudguard supports, mudguards and waste protection plate
04679886	Mounting consoles, set or 8 items
04794	Unwinding of HP hose reel via remote control (only in combination with hydraulically driven HP reel and 8 or 10 button remote control)
04372	Reeling and un-reeling of HP hose via cross spindle system and automatic adjustment via integrated hose guiding system hose length max. 100m. 1/2" or 80m. 5/8"
04375	Quick switching between suction(thrust jetter) and projection (high pressure reel) on remote control (only available in combination with option Professional-Remote 8 buttons & HeavyDuty-Remote 10 buttons radiographic remote control)
0424	Working light (LED) on magnetic bracket
0425	Rotating beacon 360° (LED) on pole
04259	Traffic Safety Package ROM SmartCombi (PRO)
042301	Manually operated second HP reel with 3-way valve/unloader combined system. Excluding HP hose
0422	Dry run protection for HP pump in combination with hydraulically driven reel. This protection is necessary in combination with all Speck HP pumps, including the types NP25, P30, P41 and P45. This is explicitly stated in the instructions for use by Speck.
04816	Fixed venturi type ejector including 10m. hose and filter. Connected onto HP system. (SmartCombi (PRO) "V" types)
04818	Fixed venturi type ejector including 10m. hose and filter. Connected onto HP system. (SmartCombi (PRO) "S" types)
0484	Pulsation system, manually operated. For a lower water consumption and the hose advances further in the pipe and passes through bends easier
042362	Diesel particulate filter integrated in stainless steel muffler (Suitable for all diesel machines excl. SmartTrailer PRO, VAC units, ROM 1600)
042364	Diesel particulate filter integrated in stainless steel muffler, incl. monitoring system and display
042655	Hour counter
042320	40m. 3/8" HP steelply hose, max. 300 bars
04233	40m. 3/8" HP steelply hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spray lance
04850	100m. instead of 80m. 1/2" HP sewer jetting hose
04851	20m. instead of 80m. 1/2" HP sewer jetting hose
048511	90m. instead of 80m. 5/8" HP sewer jetting hose
0551010	Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage)
045688	Additional thrust jetter to quickly empty vacuum tank (not possible on SmartCombi V-types)
04531	Linking system for the vacuum water tank onto the fresh water system, consisting of a connection hose with extra fitted T-piece including valve and coupling
0459592	Stainless steel discharge plate
045121	Aluminium storage tray (side mounted), colour RAL 2004 Pure orange
045124	4 suction hoses 3" or 3,2m. (ND80) instead of 2 suction hoses (please note: for some configurations the two additional hoses will, because of the limited space, protrude or be delivered separately)
045252	Lockable tool storage cabinet (side mounted), colour RAL 2004 Pure orange
04521998	Protection mat for inside the toolbox
04674	Cyclist protection bars (prescribed by law)
04682	18m. vacuum hose 2", suction pipe with ball valve (in combination with option 0654).
046829	Additional 2" suction connection with 18,3m. 2" vacuum hose and suction tube with valve. Incl. 2 hooks on side storage tank. (not possible in combination with option 0654 on SmartCombi (PRO))
0678	Long Life upgrade kit for vacuum pump RV6200 / MEC 5000 to significantly extend the effective running time. Kit exists of Kevlar-reinforced instead of standard partitions in the vacuum pump, steel instead of plastic filter element in the oil separator and additional oil reservoir.
0468458	Tank sprayed in colour (RAL colour only)
0468459	Complete unit sprayed in colour (RAL colour only)
0484991	Surcharge for mounting 2 "selector valve" options (SmartCombi (PRO))
0484995	Surcharge for mounting 3 "selector valve" options (SmartCombi (PRO))
290800	Spray gun with lance 70cm. and flatspray nozzle
0434	Nozzle storage rack mounted on installation
00165	RDW vehicle approval test (Only NL) > 3500kg.
007005	Nozzle case ROM JetToolcase Basic (Hose ND13 & ND16 with 1/2" connection)
0070	Nozzle case ROM JetToolcase (Hose ND13 & ND16 with 1/2" connection)

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

Ask for our package deals

ROM Interventor Combi HP-Vac Combined unit



The ROM Interventor Combi is perfect for when you would like to perform both high pressure and vacuum activities. A high pressure module is installed in the back of the vehicle and a vacuum module in the side. By combining both modules in one vehicle, you can simultaneously perform cleaning and suctioning activities. Sewer and surface cleaning or the emptying of grease traps, septic tanks or surface water drains, it's all possible.

Compact and manoeuvrable

The Interventor Combi fits in vehicles such as the VW Transporter, MB Vito en Fiat Ducato. These compact vehicles are highly manoeuvrable and perfect for sites that are difficult to access. The VW Transporter and MB Vito are ideal for use in parking garages. And, of no small importance, depending on the chosen configuration, the vehicle can be driven with a regular driving licence (B) in many occasions.

Smart investing

The Interventor Combi can be installed in vehicles that require only a small investment. You benefit from low investment costs, minimum depreciation and low fuel consumption, so more profits!

Powerful high pressure module

The high pressure module is furnished with a powerful Kubota diesel engine and the Speck pump delivers a cleaning pressure of up to max. 200 bar and a flushing capacity of max. 75 l/min. The machine is suitable for continuously unblocking and cleaning house connections. Even cleaning the main sewer system up to Ø500mm is possible.

User friendly

The unit combines proven techniques with user friendly simplicity. The electric starting system and hydraulically driven high pressure reel with extendable hose guiding system with ball bearings makes your work very comfortable.

Reliable vacuum module

The vacuum module possesses a 600-litre water tank and a forceful vacuum pump with automatic lubrication. The installation is fitted with all necessary safeties, such as over pressure and under pressure safety valves, emergency stop and a double ball valve (prevents over suctioning). Should you choose a version with a vacuum pump, then the combi is also fitted with automatic lubrication, a combined oil separator / silencer and a moisture separator, including second ball valve.

Deployment at low temperatures

This van pack combi is, combined with for instance our Webasto parking heating, highly appropriate for use in extremely low temperatures.

Options? See next pages

More info, go to rombv.com

Technical information



Suitable for

Unblocking and cleaning of drains and sewers up to max Ø500mm.
 Facade, surface, and drain cleaning and graffiti removal
 Emptying of grease traps, septic tanks, surface water drains etc.
 Calamity approach with severe flooding

Drive

Diesel | Electric starting system

High pressure pump

Speck P45, 3 plunger high pressure pump
 Cleaning pressure up to max. 200 bar and water capacity up to max. 75 l/min

High pressure reel

Hydraulically driven
 Suitable for max. 80m ½" (ND13) sewer jetting hose

Conservation

Sand blasted frame and reels, powder coated RAL 7016 Anthracite grey
 Design cover: RAL2004 Pure orange | Front panel brushed stainless steel
 Vacuum tank entirely hot-dip galvanised, both inside and out
 All frame parts vacuum module entirely hot-dip galvanised

Vacuumpump

Vacuum pump RV3100 with an air displacement of 3.100 l/min.
 With automatic lubrication | Set vacuum - 0,65 bar
 Combined oil separator / silencer

Standard features include i.a.

400l. water tank | 12l. fuel tank | Hydraulically driven HP reel
 60m. 1/2" (ND13) HP sewer jetting hose | Filling hose reel with water hose
 Hi-Vac suction hose (ND 50 x 9.1m) with suction probe (ND 50 x 1m) and ball valve



Advantages

- Multi-functional
- Double cost saving; attractively priced unit fits into light commercial vehicles that require a small investment
- The frame and vacuum tank are entirely galvanised both inside and out
- Lavishly equipped by default, such as a high pressure reel and various safety measurements
- Combined oil separator / silencer
- Heat exchanger with temperature control
- Stainless steel exhaust / silencer
- Several options available such as Webasto parking heating for deployment at extremely low temperatures

Article number	0306020	0306030
Version	ROM Interventor Combi 200/60 Diesel	ROM Interventor Combi 150/75 Diesel
Starting system	Electric	
Engine	Diesel, 23.5kW / 32hp Kubota D1105T	
High pressure pump	Speck P45/60	Speck P45/75
Vacuumpump	RV3100, 3100 l/min	
Water tank capacity	400l fresh water / 600l waste water	
Empty weight (excl. options)	Approx. 750kg	
Dimensions (l x w x h)	HD unit: 1220 x 1100 (w x h) • VAC unit: 1330 x 1245 mm (w x h) • Total length: 2450 mm	
HP reel drive	Hydraulically driven	
HP sewer jetting hose	60m. ½" (ND13)	
Water filling hose reel	Manually operated water filling reel incl. 50m. 3/4" water hose (ND20)	
Vacuumhose	3"ND 80 x 2,4m + 2" Hi-Vac ND 50 x 9,1m	



OPTIONS ROM INTERVENTOR COMBI

0478600



Remote control Easy-Remote

- Remote control Easy-Remote
- 6 buttons with pressure on/off, infinite speed control, emergency stop and battery charger for transmitter
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

0478800



Remote control Professional-Remote

- Remote control Professional-Remote
- 8 buttons with pressure on/off, (vacuum on/off), infinite speed control, emergency stop and battery charger for transmitter
- Work more efficiently, ergonomic, and safely
- Makes it possible to operate the machine by yourself and to work from a greater distance

04257



Traffic Safety Package

- Safety features such as a LED flashing bar, retro-reflective stickers, Megaflare warning lights and foldable safety cones
- Improves visibility and increases safety
- Safer for your employees
- Reduced chances of accidents

0424



Working light (LED)

- Working light (LED) on magnetic bracket
- For illumination of your work space

0410



Fixed hydrant filling connection

- Fixed hydrant filling connection equipped with STORZ coupling (cam size 66mm.) with filter on the water tank
- Filling of the water tank via STORZ connection (for e.g. fire hydrants)
- Via the optional Open Venturi Type Ejector you can also (re)fill the water tank via surface water. Besides this, you can empty cellars, shafts, and manholes



High pressure hot water unit

- **0423510** High pressure hot water unit 70kW "Commercial design", incl. plateau, dieseltank van machine, 40m. 3/8" heat resistant hose, convertor 12V-230V and funnel
- **042351** High pressure hot water unit 60kW "Professional design", incl. brackets, diesel tank, 40m. 3/8" heat resistant hose, convertor 12V-230V and funnel

0423519



Heat resistant hose

- 80m. instead of 40m. 3/8" heat resistant hose for hot water unit

0617



Longer suction hose

- Longer suction hose, 15.2m instead of 9.1m



Nozzle cases

- **007005** Nozzle case ROM JetToolcase Basic (Hose ND13 & ND16 with 1/2" connection)
- **0070** Nozzle case ROM JetToolcase (Hose ND13 & ND16 with 1/2" connection)

OTHER OPTIONS

Art.No. Description

02680	Mounting of installation in Barneveld, consisting of installation package, accessories, labour and mounting according to the European CE regulations
040100	Installation kit, consisting of e.g. galvanised mounting plates, assembly items, stainless steel exhaust pipe, bandage and connectors
0404	Fuel from vehicle fuel tank (replaces standard fuel tank), including fuel lift pump, piping, labour and mounting
0447	Separate fuel tank
047862	Operating panel, including operating buttons for electrical radio remote control Easy Remote (only available in combination with option 04786)
04794	Unwinding of HP hose reel via remote control (only in combination with hydraulically driven HP reel and 8 or 10 button remote control)
04796	Automatic diesel engine start on operating panel and remote control
0417	Additional cable reel with 50m. cable (only available in combination with option radiographic remote control)
04230	Second HP reel instead of water filling reel, complete with 3-way valve/unloader combined system. Excluding HP hose
0422	Dry run protection for HP pump in combination with hydraulically driven reel. This protection is necessary in combination with all Speck HP pumps, including the types NP25, P30, P41 and P45. This is explicitly stated in the instructions for use by Speck
0481	Fixed venturi type ejector including 10m. Hose (ND50) and a Professional self floating synthetic basket. Connected onto water tank of the HP system
0474	Automatic filling system water tank operating on 12/24V, mounting of floating system on filling connection and/or water filling hose reel (max. 8 bar)
0549	Suction-injector for anti-freeze, hose included. Equipped with quick connection
0443	Bypass switch dry run protection
0484	Pulsation system, manually operated. For a lower water consumption and the hose advances further in the pipe and passes through bends easier
042362	Diesel particulate filter integrated in stainless steel muffler (Suitable for all diesel machines excl. SmartTrailer PRO, VAC units, ROM 1600)
042364	Diesel particulate filter integrated in stainless steel muffler, incl. monitoring system and display (Suitable for all diesel machines excl. SmartTrailer PRO, VAC units, ROM 1600)
042655	Hour counter
042320	40m. 3/8" HP steelply hose, max. 300 bars
04233	40m. 3/8" HP steelply hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spray lance
0485	80m. instead of 60m. 1/2" HP sewer jetting hose
0551010	Frost protection system via air compressor; presses water out of the high pressure circuit (for frost free transport and storage)
0551050	Frost Protection System via Webasto AirTop 2000ST heater, including thermostat, battery combiner and additional 105A battery, connected to ROM HP installation's fuel tank (built in B'veld, NL)
0551070	Frost Protection System via Webasto AirTop 2000ST heater, including , including thermostat, battery combiner and additional 105A battery, connected to vehicle (built in B'veld, NL)
0676	Long Life upgrade kit for vacuum pump RV3100 / MEC 2000 to significantly extend the effective running time. Kit exists of Kevlar-reinforced instead of standard partitions in the vacuum pump, steel instead of plastic filter element in the oil separator and additional oil reservoir
290800	Spray gun with lance 70cm. and flatspray nozzle
0434	Nozzle storage rack mounted on installation
00713	Nozzle set 3/8", consists of grenade, rotating nozzle, pointed nozzle
00716	Nozzle set 1/2", consists of grenade 51, rotating nozzle, pointed nozzle

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

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SEWER CLEANING ACCESSORIES

ROM has representation rights for several leading manufacturers such as RIDGID Kollmann inspection, locating and drain cleaning equipment, ENZ nozzles and Trelleborg Epros sewer renovation techniques.

We offer you a complete one-stop-shop in the field of sewer service. With us, you can always count on our expertise, flexibility and top of the bill service. Our service centres for RIDGID and ENZ ensure you expert advice and help for repairs at the times you need it.

Sewer cleaning accessories:

- Pipe seals
- ROM sewer jetting hoses
- Hi-Vac vacuum hoses
- Baby hoses
- Gully grabs
- Manhole cover hooks & man hole cover lifters
- Smoke generators
- Marking and tracing solutions
- Trolleys with reel
- Cable guiding devices

Nozzles:

- Standard Nozzles
- Rotating Nozzles
- Nozzles accessories
- Cutters and chain scrapers
- Shortcutters
- Industrial cleaning nozzles



More information? Consult your local ROM partner or contact ROM.



Sewer cleaning equipment



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