

ROM - SmartCombi

Combined high-pressure / vacuum units

ROM
KOKS GROUP

The world's
most compact
and sharply priced
design combi



ROM SmartCombi

Europe's most compact

The ROM SmartCombi is Europe's most compact, lightweight and sharply priced design combi. The combined high pressure and vacuum pick-up unit is easily mountable on chassis, twin axle trailer or open truck body.

The ROM SmartCombi is available in two configurations:

- SmartCombi S-140/60 (= thrust jetter type)
- SmartCombi V-140/60 (= vacuum pump type)

The unit is provided as standard with, among other things:

- Rugged galvanised tank and construction
- Integrated forklift tubes; ideal for hose storage
- Slanted bottom system in the water tank
- Reliable SPECK high-pressure pump

The ROM SmartCombi has been specially designed for suction and jetting activities. Ideal for, unblocking and cleaning domestic and main sewers up to Ø300mm.



TYPICAL FEATURES

Urbanproof

The design is highly compact and manoeuvrable and particularly suitable for city centres with narrow streets. The lowered version (optional) is ideal for working in indoor car parks.

Multifunctional use

The high-pressure system enables you to perform sewer jetting, surface and drain cleaning. With the vacuum system, you can empty septic tanks, cess pits, grease pits and flooded basements.

User-friendly

The concept is characterised by its ergonomic design and user-friendly simplicity.

Cost savings

Amongst others, the unit can be mounted to a Volkswagen Crafter, Mercedes Sprinter and Iveco Daily. The lightweight design enables the unit to even be mounted to a sharply priced chassis, such as the Nissan Cabstar or Renault Maxity. The unit also has an economical silent diesel engine.

The unit's low weight means you are able to carry maximum water. This will cut down on unnecessary trips.

Quality and durability

Both the frame and the tank are galvanised. This guarantees a long lifespan. The reliable SPECK high-pressure pump leads to less maintenance on the machine.

Normal driving licence 'B'

Depending on the total weight of the vehicle, the load and the tank ratio sludge-/ clean water tank, it may be possible to drive on the B class driving licence, as well as the C class driving licence.

Slanted bottom system

The slanted bottom system means you can easily unload the tank. An expensive hydraulic tipping system is therefore not necessary. This system also gives unprecedented stable and safe road holding, thanks to the low centre of gravity.

Safety

The system has been developed on the basis of over 30 years of experience and has a safety (CE mark) and complies with all safety standards.



compact and sharply priced design combi



The ROM SmartCombi is available in the following configurations:

Article number	0301020	0301030
Name	ROM SmartCombi S-140/60*	ROM SmartCombi V-140/60*
Engine	19kW / 26hp KUBOTA Diesel	
Pump	Speck 140 bar - 60l/min	
Vacuum system	thrust jetter, 3300 l/min (- 0.75 bar)	Vacuum pump MEC 3000, 3600 l/min (- 0.75 bar)
Tank capacity (ratio sludge / clean water tank)	1.000/500 óf 900/600 óf 800/700 liter	
Empty weight basic model	Approx. 875kg (short version) / Approx. 1000kg (long version)	
Dimensions (l x w x h)	2750 x 1300 x 1350mm	
HP sewer cleaning hose	50 m ½" (ND13)	
Vacuum hoses	ND 80 x 2,4m (2 items)	

* Would you like to know more about the jet suction and vacuum pump versions? Consult the technical specifications of the SmartCombi S-140/60 and V-140/60.



Thrust jetter configuration



Vacuum pump configuration



Slanted bottom system



Compact design ideal for hard to reach places



Control box in motor/pump combination



User-friendly water-repellent control panel



Integrated forklift tubes; ideal for hose storage



Automatically closing water filter with rinsable element



Moisture guard (V-140/60 version)



Combined oil separator / silencer (V-140/60 model)



Pressure regulator + Manometer



Discharge valve + Suction valve

Options



Electrical radio remote control Professional-Remote, 7-channel



Design engine / pump compartment cover, (standard red RAL 3002)



Rotating beacon on pole



Manually operated water filling hose reel with 50m. 3/4" filling hose



Hydraulic drive for HP reel with e.g. extendable layered hose guiding system



Pulsation system



Lockable tool storage cabinet



Vacuum hose reel

- Mounting on chassis, flatbed or trailer.
- Mounting kit (Basic / Extended) and Mounting consoles.
- Lowering vehicle cabin Renault Maxity/Nissan Cabstar < 1.95m.
- Lowering vehicle cabin and modifying suspension Renault Maxity/Nissan Cabstar < 1.85m.
- Design engine / pump compartment cover.
- Electrical radio remote control Professional-Remote.
- Working light on magnetic bracket.
- Rotating beacon on pole.
- Safety package.
- Manually operated water filling hose reel with 50m. 3/4" filling hose.
- Hydraulic drive for HP reel. Including mounting of hydro-engine, extensive operation (e.g. neutral position and speed control) and extendable layered hose guiding system.
- Manually operated second HP reel.
- Dry run protection.
- Fixed venturi type injector including 10m. hose and filter.
- Pulsation system, manually operated.
- Hour counter.
- RPM counter.
- 40m. 3/8" HP steelplly hose, incl. ROM jetting nozzle 32 and grenade 42.
- 40m. 3/8" HP steelplly hose, incl. quick-release valve on the hose and quick-release turnbuckle for the spray lance.
- 80m. instead of 50m. 1/2" HP sewer jetting hose.
- Frost Protection System.
- Additional thrust jetter to quickly empty vacuum tank (not possible on Smart Combi V-140/60).
- Linking system for the vacuum water tank onto the fresh water system.
- Stainless steel discharge plate.
- Aluminium storage tray (side mounted).
- 4 suction hoses 3"(ND80)(2,4m.) instead of 2.
- Lockable tool storage cabinet (side mounted).
- Protection mat for inside the toolbox.
- Cyclist protection bars (prescribed by law).
- Vacuum hose reel, excluding vacuum hose.
- Second connection with 18m. vacuum hose 2", suction pipe with ball valve.
- Additional 2"suction connection with 18.3m. 2" vacuum hose and suction tube with valve. Incl. 2 hooks on side storage tank.
- Drain pipe for discharging water.
- Tank sprayed in company colour (RAL).
- Spraygun with lance 90cm. and flatspray nozzle.
- Nozzle storage rack mounted on installation.
- RDW Inspection costs (vehicle registration, administrative charges and application
- Nozzle case ROM JetToolcase.

ROM bv

Harselaarseweg 63
3771 MA Barneveld, Holland

Tel : +31 (0)342 49 04 17
Fax : +31 (0)342 49 28 00

E-mail : info@rombv.com
Internet : www.rombv.com

