

ROM VAC - ADR

Vacuum unit for sucking and transporting (hazardous) liquid substances



Using the ROM VAC - ADR vacuum unit, you can suck up and transport liquid substances and sludge. With the addition of ADR, the machine is also suitable for hazardous substances, such as combustible substances and oils. The compact design is ideal for places that are difficult to reach, such as tight driveways and oil clean up operations. In addition to the very capable basic version, there is a wide choice of options, including SIR certification.

Multi-functional use

In addition to sucking up and transporting liquid substances and sludge, you can even suck up hazardous substances such as flammable substances and (fuel) oils. For example, for emptying fuel oil tanks.

In accordance with ADR guidelines

The unit is built in accordance with European ADR guidelines and CE mark.

Safe working

The installation has various safety features to prevent over and under pressure situations occurring. The double-ball safety valve prevents oversuction, for example. The unit is also supplied with 3 x 10 Ω suction hoses (3") for the discharge of static electricity. In addition, optimal weight distribution ensures safe and stable driving. Roll bars protect the unit in the event of an accident.

Extremely compact and manoeuvrable

The compact installation fits on smaller vehicles with a shorter turning circle. You benefit from maximum manoeuvrability, making it possible to reach even the most difficult places, including tight driveways and city centres.

Smart investment

The compact machine is suitable for mounting on a "lightweight" chassis, so only a modest investment is required. In addition, the compact and lightweight combination provides you with considerable fuel savings every day. And last but not least, the machine is extremely suitable for smaller (emergency) jobs. Cleaning a compact vacuum tank takes less time than with larger ADR vehicles. In addition to saving time, you also produce less cleaning waste that you will have to pay for when unloading.

Simple, quick and easy.

All the operating components are placed at an ergonomic height and within easy reach. You can quickly suck up liquids with the large 3" suction connection. Furthermore, the unit is equipped with a level indicator with smart signalling so you can easily see how full the tank is. Taking samples is also a piece of cake thanks to the handy inspection hatch.

Empty and clean the tank quickly

The tank is emptied via the 3" drain connection. The tank is placed at a "shallow angle" so you can easily wash away the remaining dirt. The stainless steel dump plate keeps the vehicle clean during unloading.

Sustainable

The unit uses an industrial KUBOTA liquid-cooled diesel engine with stainless steel spark arrester and advanced Samson water ring vacuum pump. Furthermore, a long service life is guaranteed because the vacuum tank is made of 316L stainless steel.

Powerful water ring vacuum pump

The Samson water ring vacuum pump is spark-free and ensures maximum suction power. The pump is very powerful, quiet and environmentally friendly. In addition, the water ring pump guarantees extra-long service life and high operational reliability, even under the heaviest operating conditions.

Well-equipped as standard

The ADR unit comes equipped with many conveniences as standard, including spacious tool and hose boxes. Furthermore, the unit is sprayed in your desired (company) colour as standard. In addition to the very extensive basic version, you have a wide choice of options, including SIR certification, high-pressure installation (100 bar - 15 l/min) and a rotating beacon. The rear cover can also open and close automatically as an option via two additional open/close actuators.

Options? Contact ROM

Technical details



Suitable for

Quick suction and transportation of liquid substances, sludge and hazardous substances, such as flammable substances and oils (consult ROM for more information)

Also ideal for smaller (emergency) jobs

Hard-to-reach places, such as tight driveways and oil clean ups

Drive

Water-cooled diesel engine | Started electrically

Vacuum tank

Compliant with European regulations: ADR tank codes L4BH and S4BH

1,750 litres (net: 1,400 litres)

316L stainless steel

Suction connection 3" (ND75) with ball valve

Drain connection 3" (ND75) with ball valve

Inspection hatch; ideal for taking samples

Rear door easy to handle. Can be opened up to 90° on smooth-running "oversized" hinges

Closure of rear wall via 4 electrically operated clamps

Vacuum pump

Water ring pump, Samson TM-350 (spark-free)

Free air intake approx. 5,500 litres/min

Maximum pressure: -0.85 bar

Automatic temperature protection for process water

Mounted on anti-vibration subframe

Preservation

Vacuum tank is passivated | Auxiliary window completely hot-dip galvanised



Benefits

- For chassis from 7 tons, such as Iveco Daily 70C and MAN TGL 8
- Lightweight, compact and manoeuvrable
- Various safety features, such as over and under pressure, double ball safety valve, level indicator
- Temperature protection
- Stable road holding thanks to low centre of gravity
- Easy operation
- Long service life and high operational reliability
- Environmentally-friendly water ring vacuum pump; works without oil lubrication, which prevents emissions of oil mist

Article number	032305
Name	ROM VAC 1750 - ADR 316L
Starter system	Started electrically
Engine	18.7kW/25.4pk Kubota D1105 EU Stage V & EPA Tier 4 Diesel Engine (spark-free)
Vacuum system	Water ring pump, Samson TM-350, 5500 l/min (spark-free)
Tank capacity	1,750 litres (net: 1,400 litres)
Empty weight (excl. options)	Approx. 1,200 kg
Dimensions (l x b x h)	3550 x 2290 x 1750 mm
Vacuum hose	3 piece 3" 3.6m suction hose (10 Ω)
High-pressure pump	Optional: high-pressure installation (100 bar - 15 l/min)

Always check the most up-to-date legislation and local regulations. Any questions? Contact ROM

