

Rolba ADR Specification

Chassis:	Fo-Number: Mercedes Arocs 8x4*4-4200mm. Euro 6, L-Cab. 8,5 ton front axel. 32 ton. Parable front air rear. 350 liters Fuel tank mounted on right side. ADR.
PTO:	Gear box mounted MB 123-10c, MPA low/medium-speed
Mud wings:	Original plastic mud wings mounted from chassi supplier.
Sub frame:	Mounted with chassis supplier instructions
Tank:	Volume ca.21 000 liters (4660 Gallon) in two compartments. The tank is cylindrical. Made in stainless steel. Tank approved for 1 bar working pressure (test pressure 4 bar). ADR.
Tip:	Hydraulic tip (up to 45 degrees).
Water compartment:	Saddle tanks built on tank, in Stainless steel EN 1.4301 (304). Volume 3 000 l (660 gallon). Equipped with manhole, vent, fill / drain, and connected to the high pressure pump. Water filling with an air gap. Level indicator with plastic pipes.
Sludge compartment:	Volume 18 000 l (4000 gallon) equipped with overflow protection (Stainless 6 "steel ball). The compartment is fitted with 1st safety valve.
Manhole:	Mounted on top of the tank. Steps on tank for an easy access to manhole.
Fall Protection:	Foldable fall protection rail mounted on top of the tank. Air operated.
Level Indicator:	Marked every 500 liters. Mounted on the left side
Rear Door:	Fully hydraulic, and fitted with a rubber seal. Lockable with four hydraulic locking pins.
Valves:	4 "suction at the top with decanting and 6" emptying at the bottom of the rear door. Both air operated with Bauer fittings. Even operated from remote control.
Decanting:	3pcs of 8mm wide slits cut in to the top suction pipe for decanting liquids thru the top suction.
Vacuum/Blower:	Jurop PVT 400. It is a hydraulically driven rotary lobe vacuum pump, lubrication free and maintenance free. Pneumatic controlled suction / pressure. Mounted on anti-vibration dampers, with shortest suction lines possible for maximum efficiency. Capacity 33 000l/min (1200 cfm) free air. The power pack is built into a soundproof cabinet fitted with polished stainless steel doors. Additional space for hanging clothing / raingear.
Secondary Tank:	Built-in tank positioned between sludge compartment and vacuum pump. This tank is equipped with overflow protection, sight gauges, vacuum gauges, safety valve and drain valve.

Silencer:

Silencer are installed after the vacuum pump for noise reduction.

Suction

Hose Reel:

Hydraulic driven and rotated in 170°, capacity 50m 3" suction hose. Mounted on rear door. Inc. 50 meters of 3" hose with TW coupling, divided in 10, 20, 20 meters.

Hose Cassette 5 ":

Cassette finished in polished stainless steel with 5" special wear hose. The hose is stored on top of the tank. This is connected to a hydraulically operated hose manipulator which is mounted at the rear of the tank and can be rotated up to 170°. The arm also has a telescopic function. Bauer fitting.

Jetting pump:

Pratissoli KF28 hydraulic driven. Capacity 210 bar 90 l/min. 3045 psi 19.8 Gallons/min. Jetting Pump is mounted in front and on left side of tank. Pump are equipped with float switch for water level, automatically turns off at low level. Effective water filters on the pump suction pipe.

Hose reel:

Hydraulic driven, capacity 120 m ½" high pressure hose. Mounted next to jetting pump. With manual hose spreader. 80m high pressure hose included.

Tank Jetting:

3pcs of nozzles are mounted at the front of tank, connected to the jetting pump, operated from the maneuver panel.

Equipment:

1 x flushing nozzle ½" 1 x forward firing nozzle ½" 1 x holder for nozzles. 1 x tiger tail 1 x high pressure hand lance 1 x Shoulder holder for remote 1 X Brackets for Quattro Safe Equipment same as 1904.

ADR Equipment:

The tank has all necessary equipment for ADR regulations. According to ADR regulation L4AH+S4AH. Class 3, 6:1 and parts of class 8 and 9. Cabinet's left-side: Made in polished stainless steel with lockable and rubber-sealed doors. Supplied with plastic protection matting.

Hose tray right-side:

Made in polished stainless steel and Integrated with the tank. Supplied with plastic protection matting.

Hydraulics:

Manufactured in aluminum and positioned on truck chassis. Oil cooler mounted on the unit.

Rear Protection:

Manually operated rear protection crash bar.

Side Protection:

According to EU current standards.

Road cone holder:

Mounted in front of hose box. Room for 6pcs of cones.

Flashing Beacon:

2 x supplied at rear of the tank.

Lighting:	LED lighting in all cabinets
Work Lights:	4 x LED lights supplied.
Control Panel:	Positioned in polished stainless steel cabinet.
Hour Meter:	2 x supplied (vacuum pump / high-pressure pump).
Manuals:	2 x supplied (hard copy / digital copy).
Painting:	Blasting, priming and paint in 2 pack component.
Remote Control:	Åkerströms radio operates all functions. The transmitter is equipped with emergency stop, rechargeable battery and charger.