

Vacuum tankers AKHS-10 KAMAZ-65115 ATEX with sleeping berth

от 0 р



Варианты комплектации

Полные характеристики

Capacity, cubic meter	10
The number of sections	1
Pumps	JUROP PR-150 D ATEX 1200 об/мин, левое вращение взрывозащищенный
Structural connection of the tank to the chassis	Using tie-down tapes
Steel grade	09G2S (09Г2С) (low-alloy steel with a minimum thickness of 4 mm)
Bottom opening/Raising the capacity:	hydraulic

Power take-off box to gear shift box	Power take-off box with hydraulic drive pump
Quick coupling	Camlock, 2 pieces
Pencil case for hoses	2 metal boxes on both sides of the tank; length 4 meters; width 480 mm
Pressure-suction hoses	ДУ-100, length 6 meters
Inspection window	Spherical shape with illumination, located on the rear bottom
Protection components of the vacuum unit	<ul style="list-style-type: none"> - Shut-off valve in the process neck in the form of a stainless steel ball with a diameter of 150 mm in the basket; - Safety valve; - Non-contact induction (thermal) sensor in the neck.
Hydraulic washing system for dense particles	<ul style="list-style-type: none"> - High-pressure water pump GC 50/12, UDOR (Italy) 120 bar; - High-pressure hose on an inertial coil, L=15 meters, monitor, refueling gun; - Coarse filter 50 microns, pressure gauge; - 2 stainless steel tanks 12X18N10T for clean water 0.5 cubic meters each with water heating from an electric heater.
Stop valve	<ul style="list-style-type: none"> - Four-way valve for switching vacuum and discharge modes; - ANM-53 hatch with quick-release connection on the rear drain; - Drain with heating from the engine exhaust chassis.
Modification of the vehicle for transportation of dangerous goods	Removal of the silencer behind the cab up, with a spark suppressor
	Booking the fuel tank from four sides
	Shielding of electrical wiring
	Installing orange flashing lights
	OP-6 fire extinguishers, 2 pieces
	Plastic fire extinguisher cases, 2 PCs.
	Plastic boxes for sand and Kosma, 2 PCs.
	Ground coil with pin
	Holders under nameplates of the goods transported
	Rear safety rail, with ground circuit
	Marking the container with a reflective material
	IP65 mass breaker
Color	Orange RAL2002, paint coating Mippa
Inscription	FLAMMABLE, hazard class stickers

Additionally	Stairway and service platform made of sheet metal with folding railing
	Fire hose between the frame and the support
	mudguard

Подробное описание

Vacuum truck AKNS-10-65115 is used for cleaning wells, stormwater and sewer networks, sedimentation tanks from silt and transporting the collected mass to the disposal sites, and can also be used in other industries that require sampling, transportation of various liquid products.

Tankers AKNS-10 may be performed for all climate zones, a sleeping berth is optional.

Tanker component parts:

- cistern (circle cross-section, steel grade 09G2S),
- vacuum pump (KO-505, PNR-122, PVT-200, PVT-400, BK-6M2 or HBP-8/3),
- electrical equipment,
- fire-fighting equipment (extinguishers, sand boxes),
- measurement equipment (vacuum manometer).

Vacuum truck specifications

Tanker AKNS-10 is a cistern installed on “KAMAZ” chassis.

Cistern – is a welded construction of two bottoms and drum shell.

An operating platform with a non-slip perforated flooring is available on the tanker. A ladder is also pre- installed for comfortable lifting.

In the foot of the back bottom there is a flanged pipe with a filler flap. On a flap there is a butterfly valve, which makes the pipe opened or closed when turning. All connections are tight due to hermetical seals. The hose is attached to the filler flap with a coupling nut. The hose includes a delivery-suction hose DN 100mm, a coupling nut for connection with a filler, and a gasket.

Compressor is designed for creating vacuum during the filling and creating pressure during the discharge. A vacuum truck unit includes: vacuum pump, grease filter, moisture separator, pipe system with ball valves.

The pump drives from the chassis engine through the drive shaft.

The tanker is installed on a frame mounted support which combines with chassis. The supports are attached to a metal cradle structure which is fixed on a mainframe with U-bolts. Under the supports in cradles there are metal ribs which protect from crushing. Under a frame support there are ribbon springs.

Electrical wiring is layed through metal hoses, all connections are encapsulated, equipment is performed in explosion-proof configuration.

The tanker is provided with a warning sign “Flammable”. On a back side there is a ground circuit. 200 mm of it must contact the road surface.

Performance

- Belt fixation of cistern.
- Additional filler pipe.
- Heating of the footvalve with an IC-engine exhaust system.
- 4 types of workplace illumination around the vehicle.
- Instrument boxes on the back-end of cistern.

Possible modifications for hazardous materials transportation:

- orange color tanker with a sign “flammable”,
- changing the location of muffler,
- arc-control device,
- shielded wiring,
- grounding reel,
- ground circuit,
- fuel tank protection,
- back-side protector,
- orange warning lights – 2 pcs,
- fire extinguishers – 2 pcs,
- sand boxes,
- felt box,
- light-reflecting marking,
- attachment for a class of hazard information sign.

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