

Chassis: MAN TGS 26.360 6x2-2BL Euro 5.

9-ton front axle with 385/65 22.5" tires.

16-speed Comfort-Shift gearbox.

Parabolic suspension front, air rear.

Steerable running shaft.

Gearbox PTO. 3120H

Comfort cab model "M"

Volume: Total approx. 13700 lit.

Water volume: Approx. 1700 lit.

Sludge volume: Approx. 12000 liters (ADR compartment)

Calculation pressure vacuum: 4.0 bar. 100% vacuum

Working pressure: 3.0 bar. Safety valve: 0.8 bar.

Test pressure: 4.0 bar

Calculation temp: < 50 degrees C.

Tank: Made in "Black" pressure vessel steel (Carbon Steel). Tank diameter: 1800 etc. The tank can be hydraulically tipped. Telescopic tipping piston at the front of the tank.

Underflushing: A flushing ramp (so-called Wash-Bar) mounted in the rear sludge compartment to

facilitate the emptying of tough and heavy materials.

Rear end: Hydraulically openable via two hydraulic cylinders to approx. 90 degrees opening angle. Sealing via rubber gasket. Hydraulic locking via 4 locking pistons with adjustment.

Manhole: 1 manhole, 450 mm.

Overfill protection: Level indicator type float in acid-resistant mounted on the back end.

Graded in

liter.

Safety valve: In addition to the safety valve on the air stem, there is explosive tin in it sludge compartment acc. ADR.

Splash guard: 1 3-part splash guard, covering 70% of the tank area.

Water compartment: Volume approx. 1700 liters in the front part of the tank. The compartment is depressurised.

Manhole cover for easy inspection. Level display with transparent level pipe and 3-way valve for drainage. Water refilling takes place through filling valve with fire hydrant connection, right side.

Bottom outlet: 4" stainless pneumatic flap valve mounted on the rear end with 4"

Storz coupling and adapter for KVG coupling model 42.

Top suction: 2 pcs. 4" stainless pneumatic flap valves mounted left/right side on the rear end. The left top suction is connected with a 4"

suction hose to the drum valve on the suction hose drum. Provided with

Storz coupling and adapter for KVG coupling model 42.

Suction hose drum: Collapsible hydraulically operated suction hose drum with swivel mounted on it

the back gable. Intended for 50M 3" suction hose. Stainless steel design.

Equipped with hose guide. Suction hose included.

working mode

Vacuum pump: Type MORO PM 200 complete with liquid separator, silencer and filters. Mounted on foundation with hydraulic tank and connections behind the car's cab.

The pump is water-cooled via cooler with fan. Automatic reverser for suction/pressure via pneumatic 4-way valve. Red lights up when pressed lamp, clearly visible on the rear of the tank.

Pump data: 19300 lit/min freely released. Max vacuum: 90%. Max pressure: 1.0 bar. Digital display of vacuum/pressure.

Stainless steel openable hatches between cabin/tank.

Flushing hose reel: Hydraulically driven fixed stainless steel hose reel for ½" hose.

Duct flushing hose 80M is included on the right chassis side at the back in a stainless cabinet

The hose drum is equipped with an automatic hose guide

type "eternity screw". Flushing accessories: 2 flushing nozzles and 1 flush gun to the ½" hose.

Hydraulic system: Hydraulic motors for operation of vacuum pump, flushing pump and hose drums.

Hydraulic pumps for operation of all hydraulic functions

Equipped with directional valves. The hydraulic oil is cooled via circulation in the superstructure frame. The hydraulics are adapted to drive high pressure pump and hose drums independently of each other.

The system holds approx. 400 liters of hydraulic oil. Mineral oil.

Hose storage: On the left side of the tank, a stainless steel hose box along the length of the tank.

The hose box is built in two compartments so that hoses can also be placed on top.

Storage cabinet: On the right side of the tank mounted cabinet row with 3 pcs. lockable waterproof

hatches. Webasto air heater and lighting mounted in the cabinet.

Wardrobe: 1 wardrobe (900x500x500 mm) with heating.

Tool cabinet: 2 tool cabinets in impact-resistant plastic, mounted on the chassis.

Fenders: MAN original plastic fenders over drive/bogie wheels.

Control cabinet: Fully enclosed (IP 65) with all functions well grouped.

Control cab: Work lights, warning beacons, heater/circulation, main switch, power take off.

Electrical cabinet: IP 65 rated cabinet with all functions well gathered in the cabinet and equipped with lighting.

Work lighting: 6 work lights; 2 pcs front part of tank, 2 pcs on the back part of tank.

Mobile work light with 15M cable.

Warning lights: 2 rotating warning beacons, mounted at the rear of the tank top.

Flash light front/back on the chassis.

Hygiene equipment: Tealetric washing mixer mounted in cabinet.

Ascent on tank: Mobile ladder

The top of the tank is equipped with a rubber non-slip mat.

Stainless steel protective plate on the sides of the tank top.

Surface treatment: The tank is sandblasted, primed and varnished

Back-TV monitor: At the back of the vehicle a reversing camera and LCD monitor in the cab.

Underrun protection:

ADR equipment:

Radio control: Make ÅKERSTRÖM Remotus 8000.