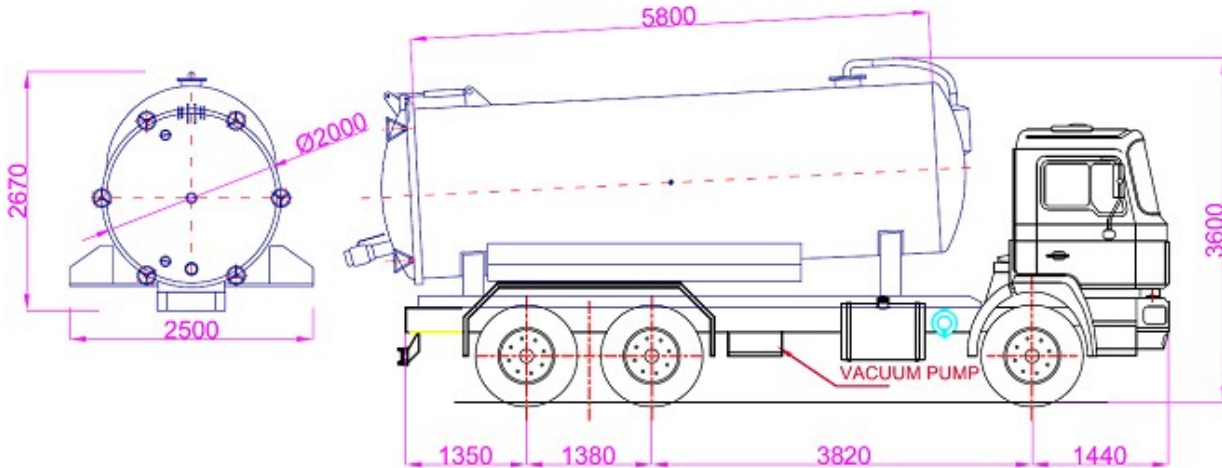




Dmix International S.R.L.S.

Vacuum 22-k



The manufacturer reserves the right to modify drawings and dimensions without prior notice, but keeping unchanged the technical specs required by customer.

Technical specifications

DESCRIPTION

Equipment designed for heavy-duty works of suction and sewer cleaning, installed upon suitable chassis

DIMENSIONS AND CAPACITIES

DIRTY WATER TANK 20.000 LT.

CLEAN WATER TANK 2.000 LT.

TANK THICKNESS: 6 mm.

FRONT AND REAR DISH-END THICKNESS: 8 mm.

TANK STEEL QUALITY: ST 37.2 - S235JR

VACUUM RINGS: NPU 75/80

TANK

Tank will be cylindrical shape made of 6 mm. and dish ends made of 6 mm. St 37.2 metal sheets. There will be three (3) units of detachable splash walls inside of tank.

Tank will be mounted on saddles in 1 degrees to easy the ° degrees to easy the discharge operation. discharge operation.

REAR DOOR

There will be full opening and made of 8 mm. dished plate and fitted with into acid resistant sealing gasket in body, for full insulation.

There will be 6 manual locking in rear door to avoid any kind of leakage.

Loading will be through 4" Ball gate valve with BAUER coupling

Discharge will be through 6" Ball pneumatic gate valve with BAUER coupling.

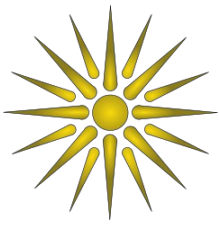
There will be sight glass pipe level indicator to show content of sludge inside vacuum tank and also there will be 3 units of sight glass in rear door to check level from rear also.

Opening of rear door will be done by hydraulically by means of two double acting hydraulic cylinder's powered by hand pump manually.

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VACUUM SYSTEM

JUROP PR 250 (MADE IN ITALY / EU) or similar pump Made in Italy
Water cooled, sliding vane vacuum/pressure pumps with lubrication
Pump is mounted on side of chassis, driven by PTO.

VACUUM PUMP CAPACITY: 1550 m3/h

MAX. VACUUM: %95

MAX. ABSOLUTE PRESSURE: 2.0 BAR

Vacuum installation will include;

- Pneumatic Suction group includes 4 way valve, suction filter, check valve, manifolds
- Primary Shut-off mounted on tank
- Secondary Shut-off between air filter and primary shut-off
- Silencer after the pump
- Pressure and vacuum relief valves to protect the system
- Air water heat exchanger
- Expansion tank
- Safety temperature switch (Emergency shut down in case of system overheat).

CONTROL SYSTEM & POWER TRANSMISSION

PTO and Pump on/off will be done inside of cabin. Control panel will include vacuum/bypass/pressure selection of pump, vacuum meter with pressure indicators, working light and rotating beacon controls, emergency stop (depends on truck chassis), rpm counter, hour meter.

STANDARD ACCESSORIES

- Hose trays on both sides
- 4 ea. Spiral hoses 4" dia. and 3 m length, with BAUER couplings
- 2 ea. Spiral hoses 6" dia and 2 mt. length with BAUER couplings.
- Tool box.
- Rotating beacon and working light
- Access ladder to top of tank
- Steel mudguards and rubber mud flaps on rear wheels
- 3 nod side marker lights on either sides
- Rear and side under run protection with reflecting signs where applicable

PAINTING

After sandblasting in SA 2.5 quality and chemical cleaning

Internal paint with Coal Tar Epoxy system

External paint with in one colour polyurethane enamel chosen by customer's request RAL colour

CLEANING SYSTEM WITH WATER PUMP

The system is made by: No.1 high pressure pump, for cleaning the vehicle after operation, hydraulically operated. Suitably sized hoses and pipes for the connection of the pump to the water tank, with filter on line, gate valves and delivery fitting with cap. The pump is provided with hose reel complete with: 20 meters long flexible hose 1" size, with terminal lance (Gun) for the purpose of washing internally and externally the tank and vehicle.

THE ABOVE MENTIONED TECHNICAL SPECIFICATIONS CAN BE MODIFIED AS PER CUSTOMER EXIGENCE