

COMBINED VACUUM JETTING EQUIPMENT TECHNICAL SPECIFICATIONS



B. BODY SPECIFICATIONS

TOTAL TANK CAPACITY: 9.000 LT.

DIRTY WATER TANK: 7000 LT.

CLEAN WATER TANK: 2000 LT.

•CLEAN WATER TANK WILL BE PRODUCED INSIDE OF MAIN TANK SEPARATED WITH DISH-END.

TANK THICKNESS: 5 mm.

FRONT AND REAR DISH-END THICKNESS: 5 mm.

TANK STEEL QUALITY: ST 37.2 - S235JR

VACUUM RINGS: NPU 75/80

TANK & SUBFRAME

2. TANK & SUBFRAME

Tank will be cylindrical shape made of 5 mm. and dish ends made of 5 mm. St 37.2 metal sheets. There will be removable splash walls in dirty water tank and splash wall inside of clean water tank. Tank will be mounted on saddles and connected to the subframe with elastic connections. Tank will be sloped min. 1.5° or more for easy discharge.

There will be one manhole for filling and inspection purposes located on clean water tank section with breather valve. There will be also hydrant filling for clean water tank located side of tank in size of 2 1/2" with check valve and coupling.

There will be also access ladder located in tank to reach manhole easily.

There will be sight glass level indicators on both sections of tank to see level for clean and dirty water level.

Subframe will be designed according to the truck chassis frame matching with Chassis manufacturer body mounting introductions.

HYDRAULIC REAR DOOR WITH INLET AND OUTLETS

There will be full opening and made of 5 mm dished plate and fitted with into acid resistant sealing gasket in body, for full insulation.

There will be 4 manual wheel lockings in rear door to avoid any kind of leakage.

In rear door, there will be 1 Nos. 4" suction inlet with gate valve and couplings, 1 Nos. 6" Discharge outlets with gate valve and couplings, both of them operated by manual.

Tilting of rear door will be done by hydraulic system with two staged two cylinders.

VACUUM SYSTEM

VACUUM PUMP MODEL AND TYPE:

ITALY MADE MORO PM 70 FREE FLOW HIGH VACUUM PUMP

1,5bar (vacuum 7000lt/min)

Driven by cardan shaft from split shaft PTO, operated from control panel System will include

5.JETTING SYSTEM

High Pressure pump made in Italy , PRATISSOLI KF36 (170LT/DK110BAR) Model Driven by cardan shaft from split shaft PTO , operated from control panel 170 lt./min @ 110 bar capacity

ACCESSORIES: Water Suction filter

HYDRAULIC HOSE REEL:

Hose Reel may be in carbon steel and hinged on the rear dish end of tank. Hydraulic Swiveling at 180 "with pneumatic lock in the various set positions. Drip flap with discharge valve mounted under the hose reel.

Hydraulically operated hose roll in/roll out with speed adjustment. Automatic hose guide.

Hose for a minimum of (80) m, dia. (3/4") high-pressure hose.

Complete with speed regulator

6.CONTROL SYSTEM

There will be main control panel located right side of equipment including

- Vacuummeter for vacuum system
- Vacuum pump on/off
- Jetting Pump on/off
- Vacuum pump vacuum&exhaust option selector
- Emergency stop (depends on KSM of truck)
- Rotating beacon and working light on/off.
- Rear door lifting by levers
- Discharge valve on/off controls
- Suction valve on/off controls

7.DRIVE SYSTEM

Driven by an split-shaft PTO mounted to the truck's main driveline without causing any efficiency loss. Motion is transferred to the vacuum pump with heavy duty pulley belt connections.

8.STANDART ACCESSORIES

- Hose trays or boxes on both sides
- 4 inc Spiral hoses 4" dia. and 3 m length, with required couplings
- 1 NOS Rotating beacon
- 1 NOS working light
- Access ladder to top of tank located on main tank and access steps at rear
- 1 nos. NZ35.100 nozzle for hydraulic hose reel
- 1 nos. NZ35.125 nozzle for hydraulic hose reel
- 1 nos. NZ42.100A nozzle for hydraulic hose reel

9. PAINTING

All parts, assemblies will be sand-blasted in SA 2.5 quality and chemical cleaning Internal paint with Coal Tar Epoxy system

10. WARRANTY

One year from the date of delivery of product from all manufacturing defects