

SUBJECT: tank 24.000 l capacity for industrial water transportation with loading and unloading unit, front and rear spray bars, hose reel and monitor, installed on HD9 chassis

Double-D section tank, one compartment, with capacity 24.000 l, made in steel sheet S275JR, 5mm thick

The tank is designed and mounted as follows:

- steel shells welded together and to the dished heads.
- internal anti-sloshing baffles.
- supporting saddles with tie rods suitable for fixing the tank to the vehicle chassis.
Between saddles and tank a rimmed rubber strip is placed to ensure stability and adhesion of the tank.
- counterframe suitable for use in all-terrains. The flexible connections between the truck chassis and the counterframe have the function to compensate the torsion in a way to absorb all the stress which runs through the tank from the chassis
- n.1 manhole diam. 500 with hinged cover complete with quick loading port and breathing valve
- n.1 eye level indicator
- n.1 acces ladder with katwalk fitted all along the tank. The katwalk is in anti-slip aluminium sheet, with folding safety rail manually operated by means of a lever fitted near the access ladder. The safety rail is realized in conformity with the safety norms
- n.2 pieces of flexible hoses with quick connections on the ends placed in special lockable steel carriers.
- n.1 manual winder with 25 m of hose 1" and multi-purpose gun, range 20/22 m approx /in wind absence)
- n.1 lockable box for containing vehicle various materials
- Mud guards for rear wheels.

PUMPING UNIT – LOADING/UNLOADING



Supply and installation of pumping unit for loading and unloading with centrifugal multi-impellers pump, **HIGHER MAX. HEAD**, having the following main features:

- max. capacity lit/min	800	1000	1200	1500
- max. head m.	130	120	110	90

The pump is complete with a pump for suction hoses priming when loading the tank
 Suitable piping, gate valves and connections allow the loading and unloading operations of the fluid in the tank and the transfer from one tank to another without passing through the main tank

The pump is driven by the PTO of the vehicle, which is pneumatically controlled from the driver's cab, through a suitable hydraulic unit

SPRAY UNIT



pressure working spraying nozzles are mounted on front and rear end of the vehicle

spraying width: max. 15 approx (in wind absence)

on the rear side two nozzles are installed, one each side, for side washing

spraying width: max. 12 approx –each (in wind absence)

The opening and closing of the feeding to the spray unit is through pneumatic gatevalve controlled from the driver's cab.

MONITOR



Monitor for water, 24 volts, controlled and adjustable from the driver's cab , composed of a flanged body with slewing joint

Main features:

- horizontal water range 45/50 m approx (in wind absence)
- rotation 300 degrees
- inclination upward/downward
- jet adjusting jet/nebulized

CONTROL PANEL IN THE DRIVER'S CAB



- monitor adjusting control
- water pump feed and adjusting control
- rear, front and side spray nozzles control
- visual control indicators