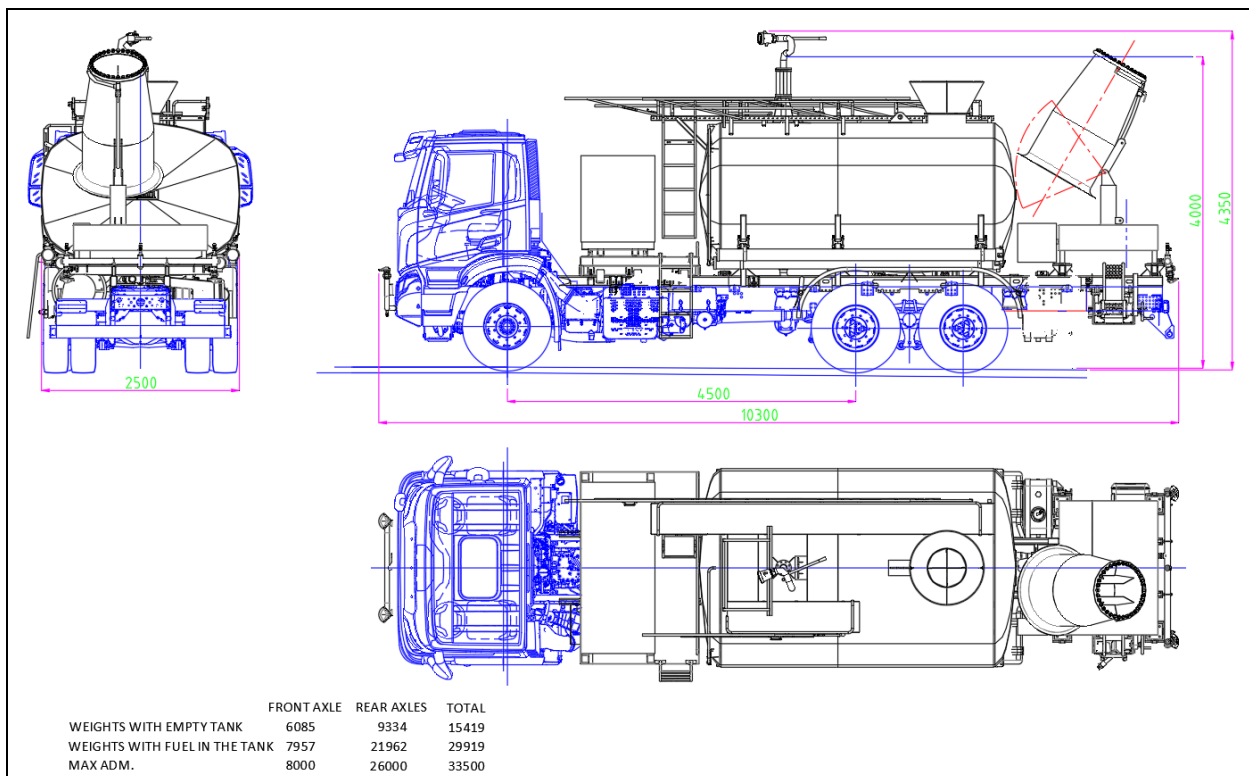


TECHNICAL DESCRIPTION

SUBJECT: Tank for industrial water transportation in **STAINLESS STEEL**, geometrical capacity 16.000l, with centrifugal pump, front and rear spray bars and **ELECTRICAL** monitor.

The following operations are included:

- Rear overhang extension.
- Fitting of a platform made in chequered plate on the front side for the installation of your generating unit.
- Suitable supports for the installation of your dust suppressor at our care.



TANK

Double-D tank with one compartment, geometrical capacity 16.000l (14.500l with overflow pipe), made in STAINLESS STEEL AISI 304 4mm thick both for the shells as for the dished heads.

The tank is built-up and mounted as follows:

- Stainless steel shells welded together and to the dished heads.
- internal anti-sloshing baffles.
- n.1 loading port with funnel for tank loading from the top
- n.1 visual level indicator
- n.1 access ladder to loading port and platform with safety guard

SUPPORT STRUCTURE

- 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 from the chassis through the tank.
- 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.

PAINT WORK

Cleaning and degreasing of metal surfaces,

Sand blasting SA 2,5 and cleaning of metal surfaces,

Application of two layers of anticorrosion epoxy primer,

Final painting with two layers of enamel in one Ral standard colour of customer choosing for a total thickness >100 microns.

PUMPING UNIT FOR LOADING/UNLOADING

Supply and installation of pumping unit for loading and unloading with multistage centrifugal pump, having the following main features:

max. capacity l/min.:	800	1000	1250
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max. head m.	166	160	146
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The pump is equipped with piping priming pump for tank loading

The pump is connected to the tank by means of steel piping, filter and valves which enable the tank loading and unloading and the water transfer from one tank to another by-passing the main tank.

The pump is driven by the truck PTO through a suitable hydraulic system and controlled from the driver's cab.

HOSE REEL

n.1 manual hose reel with 30m of 1" hose and multipurpose delivery gun



MONITOR

Monitor 24 Volts, with controls in the driver's cab, composed of a flanged body with slewing joint.

Main features:

- horizontal water range: 40m approx. (in wind absence)
- rotation: 300 degrees
- inclination: upward/downward
- stream: straight stream/fog stream



CONTROL PANEL IN THE DRIVER'S CAB

All the functions are controlled and managed by means of the Joystick combined with a 7" touch screen panel which displays and controls all the operations and notifies the alarms



EXTERNAL CONTROLS

Additional controls for the pump activation and adjustment are installed in the pump compartment.



FRONT AND REAR SPRAY BARS

Pressure working spraying nozzles are mounted on the front and rear ends of the truck.

The opening and closing of the water supply to the spray unit is controlled from the driver's cab.

Spraying width of bars functioning separately:

Rear bar: max. 20 approx.

Front bar: max. 15m approx.

Spraying width of bars functioning in the same time:

Rear bar: max. 12 approx.

Front bar: max. 10 m approx.

OBTAINABLE FUNCTIONS:

The equipment can carry out the following operations:

- Filling of the tank by means of the pump,
- Suction from the tank and delivery to the front spray bar,
- Suction from the tank and delivery to the rear spray bar,
- Suction from the tank and delivery to the hose reel,
- Suction from the tank and delivery to the electrical monitor,
- Suction from the tank and delivery to spray canon,
- Suction from the tank and delivery from the pumping unit,
- Water discharge by means of the pump,
- Water transfer between two external tanks by means of the pump and by-passing the tank.

ACCESSORIES

- n.1 lockable toolbox for containing vehicle standard equipment
- n.4 pieces of flexible hoses with quick connections placed in special lockable steel carriers.
- mud guards for rear wheels.
- Spare wheel holder
- Use and maintenance Manuel