

TECHNICAL SPECIFICATION

TANK BODY for the transport of potable water

TYPE: TA 80 L

Volume: approx. 8 000 ltr incl. expansion

Superstructure

The “*Special Low-Torsion body mounting system*” for tank bodies is recommendable due to their strongness, torsion-resistant design, in particular for “Off-Road” operation under rough cross-country conditions.

The elastic connection between the truck chassis and the sub-frame provides a torsion-absorbing function.

This arrangement absorbs any stresses passing from chassis to tank.

The sub-frame is mounted to the truck frame in a way to ensure equal load distribution.

Tank

Tank shape: Elliptical 8 000 ltr incl. expansion

Tank compartments: One (1)

Manufactured of special aluminium alloy, thickness 5,1mm electrically welded throughout with accurately finished welding seams. Dished bulkheads made of 5,1mm aluminium, on both sides and appropriate nos. of splash walls. The splash walls are mounted not less than 900 mm and not more than 1750 mm between each other.

Level indicator for measure the water level at the rear of tank.

Walkway

Open mesh walkway made of aluminium on the right-hand side of the manhole cover, with rear mounted foldable access ladder.

Dome armatures per compartment

Basic equipment and installations for each tank-compartment:

One (1) dome cover NW 500

One (1) ventilation valve NW 80

Discharge fittings per compartment

At the lowest point of the tank, one (1) discharge pipe DN 80 made of aluminium leads to the right-hand side of the vehicle, ending with shut-off valve with 3" coupling and dust cap.

Pump

One (1) self-sucking pump, suitable for potable water, installed at the vehicle's chassis, hydraulically driven by PTO of truck engine and can be operated pneumatically from the driver's cabin. The suction pipe is equipped with a suction filter. Suction and delivery connections are provided with hose coupling and cap.

Hydraulic manifold with pressure gauge for operation of pump

Oil-cooler mounted with electric fan.

Pump capacity: approx. 500 ltr./min

Hose reel

One (1) hose reel, manual operated, spring loaded with 20 mtr. hose 1" and shut-off valve mounted behind cabin

Delivery options

- discharge by gravity via 3" Cam-lock
- discharge by pump via 3" Cam-lock
- discharge by pump via hose-reel
- self-filling with own pump
- filling with external pump
- filling from top

Hose and hose-carrier

Two (2) galvanised, lockable and painted hose tubes, one (1) on each side of the tank with two (2) hoses

Hose type: NW 80 with 3" Cam-lock coupling

Hose length: approx. 3,00m each

Standard accessories

Wheel chokes (provided by TRUCK supplier) mounted with brackets

One (1) spare wheel carrier with winch mounted on chassis

PVC mud-guards with mud-flaps on rear axles

One (1) lockable tool box mounted on chassis

Paintwork and finishing

All steel parts are sand-blasted and prime-coated.

Tank body painted in one RAL colour.

Tank body inside: WITHOUT treatment

Substructure, spare-wheel carrier etc., painted in chassis colour

Acceptance test

Leakage testing of tank 0,35 bar

Functional test

Documentation

One (1) spare part list

One (1) operating manual

All instruction plaques, lists, manuals and signs in English/French

BB reserve the right to modify or change specification at any time!