

TECHNICAL SPECIFICATION

Lindner & Fischer TANK BODY for the transport of potable water

TYPE: TA 80 SW

Volume: approx. 8 000 ltr incl. expansion

Superstructure

The “*Special L&F 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 high-grade steel –S235JRG2-, electrically welded throughout with accurately finished welding seams. Thickness for shell and heads min. 4 mm. Dished bulkheads on both sides and appropriate nos. of splash walls.

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

Inner-lining

Special inner lining for the transport of drinking-water, according. to EU Resolution AP (96)5,

Walkway

Open mesh walkway on the right-hand side of the manhole cover, with rear mounted 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 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 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 cab.

Hydraulic manifold with pressure gauge for operation of pump

Oil-cooler mounted with electric fan.

Pump capacity: approx. 500 ltr./min at 3bar

Hose reel

One (1) hose reel, manual operated, with 15 mtr. hose 1" and manual discharge nozzle, mounted at appropriate position.

Delivery options

- discharge by gravity via 3" Cam-lock
- discharge by pump via 3" Camlock
- discharge by pump via hose-reel
- 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. 3,00mm 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

Special accessories

Yellow reflective strips on rear tank shape and along both sides of tank and cabin

Red/white signal marking at rear of chassis

Paintwork and finishing

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

Tank body painted in one RAL colour.

Tank body inside: Epoxy inner-lining

Substructure, spare-wheel carrier, painted in chassis colour