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TECHNICAL SPECIFICATION

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Lindner & Fischer TANK BODY for the transport of potable water

TYPE: TA 60 VAW

Volume: approx. 6 000 ltr incl. expansion

### Superstructure

The "Special Low-Torsion L&F 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 subframe 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.

Otherwise mounted according to truck supplier's "Assembling Instruction".

### Tank support

The tank itself is supported in tank saddles which are bolted on the reinforced longitudinal frame members with heavy duty rubber mountings in front.

### Tank

Tank shape: Elliptical 6 000 ltr. incl. expansion

Tank compartments: One (1)

Manufactured of high-grade stainless steel 1.4301, electrically welded throughout with accurately finished welding seams. Thickness not less than 3 mm for the shell and for heads. Dished bulkheads on both sides and appropriate number of splash walls. Body, pipes, valves and all parts which are in contact with water are made of stainless steel type 1.4301.

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

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### **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, there are two (2) discharge pipes.

One (1) discharge pipe DN 80 leads to the right hand side of the vehicle and one (1) discharge pipe DN 80 leads to the left hand side of the vehicle, each ending with a 3" shut-off valve with 3" Cam-lock 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 drivers cabin. The suction pipe is equipped with a suction filter. Suction and delivery connections are provided with hose coupling and cab.

Oil-cooler mounted with electric fan.

Pump capacity:       approx. 500 ltr./min

### **Hose reel**

One (1) hose reel hand operated with 16 mtr. hose ½" and shut-off valve

### **Delivery options**

- discharge by gravity, via 3" Cam-lock left and right-hand side
- discharge with pump, via 3" Cam-lock, right-hand side
- discharge with pump, via hose-reel, right-hand side
- self-filling with own pump, right-hand side
- filling from top

### **Hose and hose-carrier**

Two (2) painted and 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. 3,00 m each

### **Standard accessories**

Wheel chokes (provided by TRUCK supplier) mounted with brackets

One (1) spare wheel carrier with winch mounted behind cabin

PVC mudguards with mud-flaps at the rear

One (1) lockable PVC tool-box mounted on chassis frame

All locks for tool-boxes and other compartments, are identically keyed



### **Special accessories**

- Installation of 12 Volt SAE J560 pin connector on rear cross-member
- Installation of 24 Volt NATO 12-pin connector for trailer electrical connection
- Two (2) front and two (2) rear mounted hooks/eyes on front and rear bumper
- One (1) pintle hook mounted on rear cross-member, with inner Ø of 31,8 – 41,1mm
- Two (2) 20ltr jerry-cans mounted on chassis frame, marked with “For diesel fuel”
- Two (2) 20ltr jerry-cans mounted on chassis frame, marked with “For water only”
- Battery cut-off switch
- Skid-plate made of steel-plate mounted

### **Paintwork and finishing**

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

Tank body painted in one RAL colour.

Substructure, spare-wheel carrier 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/Arabic

***L&F reserve the right to modify or change specification at any time!***