TECHNICAL SPECIFICATION

HIGH-PRESSURE CLEANER & SEWER FLUSHING TRUCK

For high-pressure cleaning of technology road inlets, Sewer connections and sewer pipes

Volume: approx. 8 000 ltr. fresh water

High Quality Product                MADE IN GERMANY

100% Custom-made

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. The sub-frame is hot-dip galvanized.

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.

**Water tank**
- **Tank shape:** Cylindrical 8 000ltr.
- **Tank compartments:** One (1)

Manufactured of thick high-grade steel –S235JRG2-, thickness 4 mm electrically welded throughout with accurately finished welding seams. Dished bulkheads on both sides with 4 mm thickness and appropriate nos. of baffles, 4 mm thick.

Level indicator with colour ball for measure the water level, mounted on the right-hand side.

**Walkway**
Open mesh walkway, 400mm wide on one side of the manhole cover, with access ladder and hinged grab rail.

**Tank connections**
- Upper man-hole cover DN550 with ventilation valve
- Side-filling via STORZ C coupling
- Rear discharge pipe 2”

**High pressure system**
- One (1) high-pressure pump, hydraulically driven by PTO of truck chassis.
- Hydraulic system with oil-cooler and fan.
- **Capacity:** approx. 250 ltr. per minute at 130bar

**Equipment**
- safety valve and independent circuit for water filling
- complete water distribution with bulk filter
- regulation valve with manual controlling
- dividing water distributor with independent outlet for manual gun
- hand gun with extension 500mm and changeable nozzle + hose 7m
- independent cock for hand washing

**Large hose-reel**
- located on the rear deck with manual hose guiding
- hydraulic turning with reversal and adjustable speed of unwinding
- positioning approx 180°
- manual turning with pneumatic securing of turn angle
- **Hose-type:** 80m of DN25 high-pressure hose with operating pressure of 180bar

**Small hose-reel**
- located at the rear right-hand side
- manual turning and hose guiding
- **Hose-type:** 40m of DN13, 1/2” high pressure with operating pressure of 180bar
**Hydraulic system**
The hydraulic system consists of:
- oil-tank with oil-cooler, fan and return filter
- hydraulic pump
- control valves with integrated pressure relief valves for all hydraulic operations

**Control unit and wiring**
The control panel is located at the rear of the chassis and made of water splash-proof panel and consists of:
- on/off switch for working light
- hour counter of plumber pump
- controlling of chassis RPM, plus-minus
- controlling of high-pressure hose, up/down
- large hose-reel, flush
- plug 24V - DIN for auxiliary devices

**Electric equipment**
Two (2) working lights, one (1) are rear working are and nearby the hose-reels
Two (1) beacon light mounted

**Hose boxes with equipment**
Two (2) lockable tool boxes on left and right hand side
One (1) filling hose with STORZ C coupling
One (1) adapter STORZ B / C"

**Cleaning heads**
One (1) standard cleaning ½"
One (1) standard cleaning 1"
One (1) perforating 1"
One (1) rotary 1"

**Standard accessories**
Wheel chokes (provided by TRUCK supplier) mounted with brackets
One (1) spare wheel carrier with winch mounted on chassis
PVC mudguards with rubber mud-flaps
Paintwork and finishing
All steel parts are sand-blasted and prime-coated.
The sub-frame is hot-dip galvanized
Tank body painted in one RAL colour.
Substructure, spare-wheel carrier, painted in chassis colour
Accessories, partially galvanized, painted or made of aluminium

Special accessories
Yellow reflective strips on rear tank shape and along both sides of tank and cabin
Additional LED brake- tail and indicator lights mounted on rear upper part of the tank

Acceptance test
Leakage testing
Functional test

Documentation
One (1) spare part list (Paper and USB-Stick)
One (1) operating manual (Paper and USB-Stick)
All instruction plaques, lists, manuals and signs in English language.

Reserve the right to modify or change Specification at any time!

Delivery time (ex works): start of delivery approx. 10 -14 weeks after receipt of written order confirmation and clarification of all technical and commercial issues and approx. 6-8 weeks after delivery of truck chassis.

Warranty: starting from date of vehicle taking over, 12 months unconditional warranty on body and welded construction. The warranty is limited to the repair or replacement of broken parts due to construction faults and does not cover damage caused by improper use.

Please do not hesitate to contact us for further information and your special requirements.

All trucks are custom-made.
High pressure cleaner and sewer flushing truck on IVECO Trakker chassis

Right side view of high pressure cleaner and sewer flushing truck on IVECO Trakker chassis
Left side view of high pressure cleaner and sewer flushing truck on IVECO Trakker chassis
Rear view with high pressure flushing unit and protected control panel (left)
The complete control panel is hinged on a robust metal arm and can be turned to the right side of the truck for more easy handling and controlling. The control panel box is weather proof and does not to be protected in daily use.
Rear view with hose reels of high pressure flushing and cleaning units
Details of high pressure cleaner and flushing units
Fixing of the sub-frame (hot-dip galvanized) to the main frame of the truck. The sub-frame can be also supplied in main frame color.

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