3-axle aluminium tank semitrailer with electronic dipsticks



Produktvorteile und Optionals

? Sophisticated design with perfect functionality
? Optimum driving stability thanks to low centre of gravity
? Extremely light and flexible product discharge hoses (3" or 4") suitable for pump or gravity operation
? Highest product purity thanks to optimum drainage based on unique double-wedge construction
? Aluminium or stainless steel chassis
? Hose storage facility integrated in chassis
? Installation of axles from well-known manufacturers such as SAF or BPW
? OPTIONAL: High-set LED light holder with optional integration of reversing camera
? OPTIONAL: Fire extinguisher box with viewing window

Fahrzeugdetails

TYPE DESIGNATION

3-AXLE ALUMINIUM TANK SEMITRAILER, CYLINDRICAL

With electronic dipstick measuring system, for mineral oil transport

GENERAL

Vehicle designation acc. to 9.1.1.2 ADR: FL Tank code acc. to 4.3.4.1 ADR: LGBF Special provisions acc. to 6.8.4 ADR: TE 7, TE 19 For transporting petrol UN 1203, diesel fuel and EL heating oil UN 1202

CHASSIS AND ATTACHMENTS

Fifth-wheel plate with 2" kingpin GRP chassis frame with integrated hose boxes 2 support legs, height-adjustable and detachable when laden Aluminium box for printer at front right in direction of travel Single wheel plastic mudguards with mud flaps and spray-suppression system Aluminium underride protection Axles Air suspension unit with low-maintenance axles and disc brakes 3 x 9 t rigid, wheelbase 2 x 1,310 mm Suspension: Air suspension with lifting and lowering device. Automatic adjustment of driving level from 15 km/h Tyres 6 x 385/65 R 22.5 160J, manufacturer as per factory specifications 6 steel wheels, 11.75 x 22.5, 10-hole 120 mm rim offset

BRAKE SYSTEM

Brake system according to EC Directive 71/320 or ECE R13 Two-line brake EBS-E = electronic brake system WABCO 2S/2M = one axle sensed RSS - stability program Spring-loaded parking brake on 2 axles Aluminium air tank

TRANSPORT CONTAINER - SELF-SUPPORTING

Aluminium alloy and wall thickness as per ADR regulations Double-wedge cylinder

format for complete drainage Gross capacity: approx. 43,500 l 5 chambers, chamber division as per customer specification Baffles, if techn. required Earthing pin on left and right Fittings cabinet Large, continuous aluminium cabinet welded to container, product collection channels on both sides Parallel cabinet doors, sealing facilities

HOSE STORAGE

Storage facility for two 3" hoses, each approx. 5,000 mm long in chassis frame

EQUIPMENT

1 external cable drum with automatic winding mechanism 2 x 6 kg fire extinguishers 2 warning triangles 1 hazard warning flasher with work light and batteries 1 plastic collecting vessel 1 dustpan, galvanised 1 hand brush 1 PVC box with oil binding agent 1 high-visibility vest 1 pair of protective goggles 1 pair of gloves 1 eyewash bottle 1 drain cover

LABELLING

1 rotary plate (33/1203 or 30/1202) at rear 3 removable hazardous substance labels (flame symbol) 3 removable hazardous substance labels (environmentally hazardous substances) Rear markings as per ECE standards

ELECTRICAL EQUIPMENT

2 seven-chamber tail lights in underride protection LED side marker lights 2 clearance lamps at front 2 contour lights on underride protection 15-pin socket Ex-proof fittings cabinet lights

PAINTWORK

Priming and spray painting with 2-component acrylic paint for commercial vehicles (standard RAL or truck colour) Stone guard at the fittings cabinet front wall. Chassis with attachments and transport containers unicoloured as per colour specifications Plastic components unpainted Powder-coated attachments/installation parts black Contour markings Continuous reflective stripe on left and right, white, in tank length All-round at rear, segmented, red

ACCEPTANCE

Acceptance as per ADR Tank documentation Type approval Calibration

CONTAINER FITTINGS - PER CHAMBER

1 dome cover, recessed 1 electro-optical top sensor 1 tip valve for ventilation 1 fan pot with flame arrester 1 electron. dipstick 1 pneum. bottom valve

DIPSTICK MEASURING SYSTEM

Base unit for dipstick system (Bartec, Sening, DeziData) Display on right and left in direction of travel Tilt sensor DIN A5 label printer in GRP box Equipped for data transfer

WEIGHTS

Gross train weight (perm.): 40 t Gross weight (techn.): 39 t Axle assembly load (techn.): 27 t Fifth-wheel load (techn.): 12 t Tare weight, depending on equipment: approx. 5.25 t min.

DIMENSIONS

Total width: 2,550 mm Total height: approx. 3,400 mm Total length: approx. 11,550 mm

PIPING WITH BOTTOM-LOADING

Filling on left in direction of travel, output on right in direction of travel Aluminium single outlet lines DN 100 on right in direction of travel with connection couplings One API filling port per chamber incl. dummy cap on left in direction of travel Gas return line connected to fan pots Safety pressure relief/vacuum valve

Impressionen



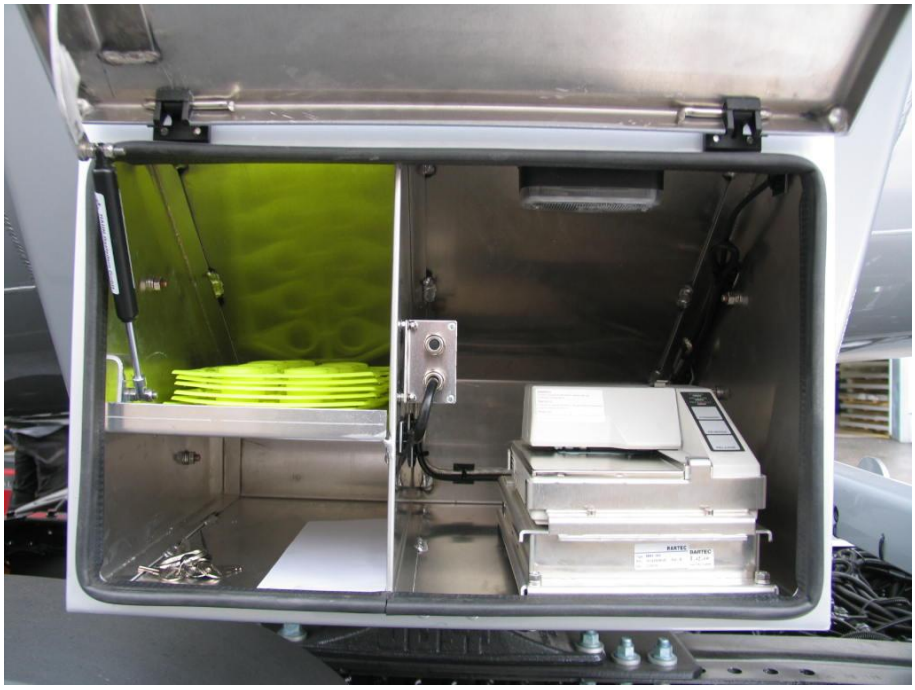
Modern design and maximum vehicle functionality



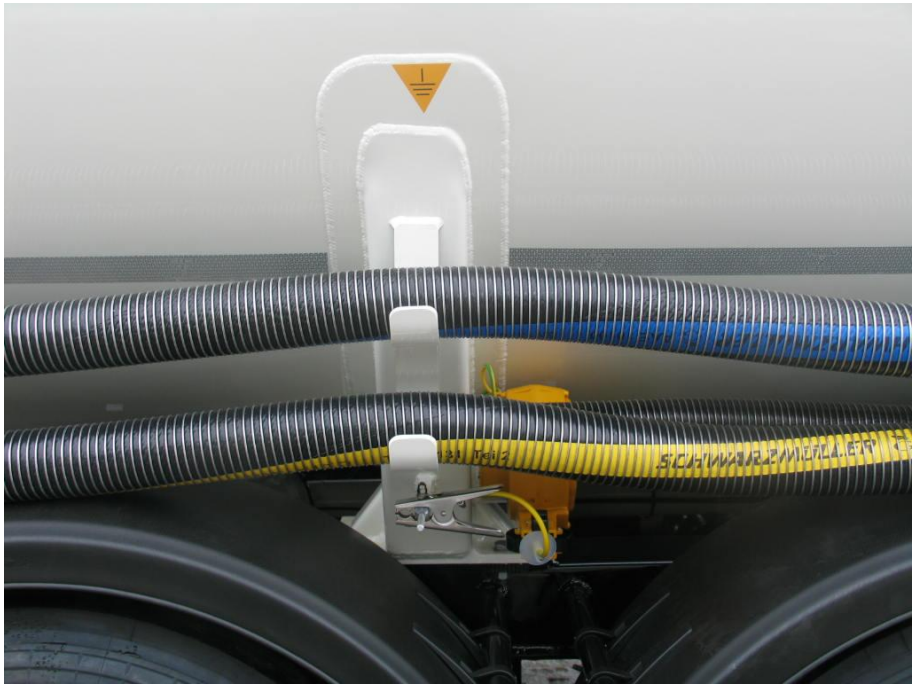
Hose cabinets integrated into the chassis frame



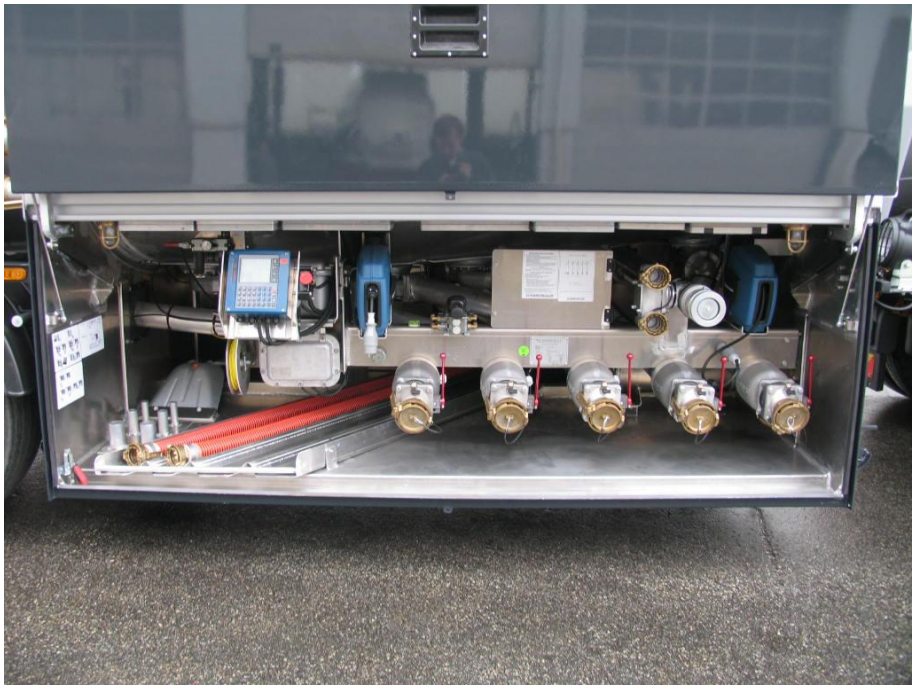
Optimum drainage due to double-wedge construction



Separate printer box for optimum protection against mechanical damage and the weather



Lightweight and flexible product hoses for ideal handling



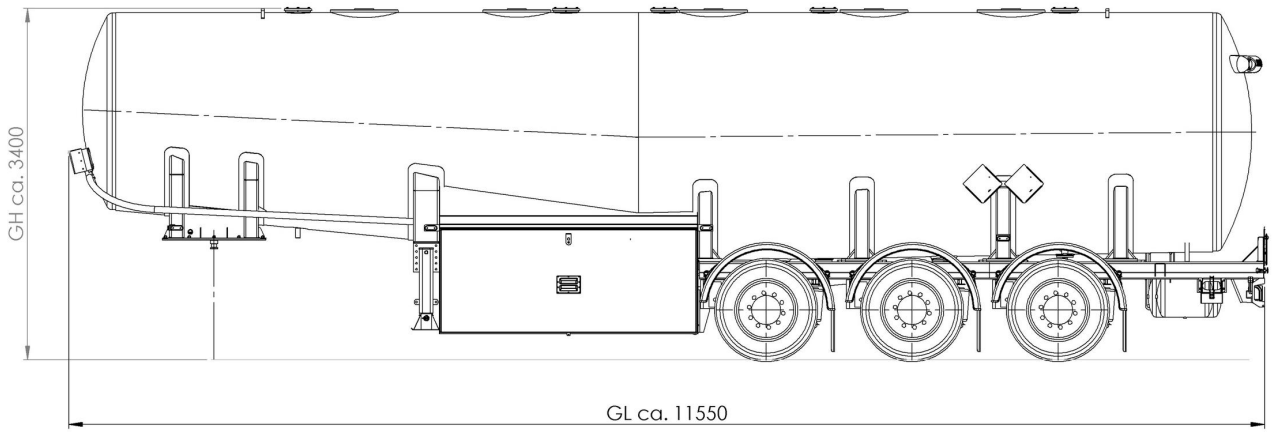
Structured and clear arrangement of fittings for efficient and fault-free operation



OPTIONAL: High-set LED light holder with optional integration of reversing camera



OPTIONAL: Fire extinguisher box with viewing window



GB = 2550