

3-axle aluminium tank trailer with gravitational measuring system



Product benefits

- Sophisticated design with perfect functionality
- Optimum driving stability thanks to low centre of gravity
- Extremely light and flexible product discharge hoses (3" or 4")
- Box-like tank container with stable construction
- Optimum tank container storage incl. stainless steel 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: Choice of aluminium or stainless steel bumper

Product details

TYPE DESIGNATION

3-AXLE ALUMINIUM TANK TRAILER IN BOX BODY DESIGN

With gravitational 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

WEIGHTS

Gross weight (techn.): 24 t
Tare weight, depending on the configuration: approx. 4.87 t min.

DIMENSIONS

Total width: 2,550 mm
Total height: approx. 3,035 mm
Total length: approx. 9,750 mm

CHASSIS AND ATTACHMENTS

Turntable and rear axle assembly frame in stainless steel
Low-maintenance ball bearing turntable
Drawbar, 40 mm drawbar eye , with rubber bearing and drawbar locking device
Spare wheel bracket
Plastic mudguards with mud flaps and spray-suppression system
Aluminium underride protection

Axles
Low-maintenance air suspension axles and disc brakes
each with 9 t axle load

Suspension
Air suspension

Tyres
7 x 385/65 R 22.5 160J, manufacturer as per factory specifications
7 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 4S/3M = both axles 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
Box shape
Gross capacity: approx. 25,000 l
4 chambers, chamber division as per customer specification
Baffles, if techn. required
Overflow pan incl. outlet pipe(s)
Protection for dome fittings
Aluminium catwalk in pan with foldable railing
Aluminium ladder at front
Earthing pin on left and right

Fittings cabinet
Large, continuous aluminium cabinet welded to container
with product collection channels on both sides
Parallel sliding cabinet doors, sealing facilities

CONTAINER FITTINGS - PER CHAMBER

1 dome cover with rapid-fill lid
1 electro-optical top sensor
1 tip valve for ventilation
1 fan pot with flame arrester
1 pneum. bottom valve DN 100

PIPING WITH BOTTOM-LOADING

Filling on left in direction of travel, output on right in direction of travel
One drain line DN 100 per bottom valve to distributor on left in direction of travel and connecting line to gravitational measuring system
One API filling port per chamber incl. dummy cap on left in direction of travel
Trailer filling and drain line with 3" connecting hose

Gas return line connected to fan pots
Safety pressure relief/vacuum valve

GRAVITATIONAL MEASURING SYSTEM (MID)

Suitable for petrol, diesel oil and EL heating oil
Measuring system for gravity discharge
Combined gas extractor/meter DN 100
Electron. meter and connecting cable to truck

EQUIPMENT

1 external cable drum with automatic winding mechanism

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

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

Certificate of conformity

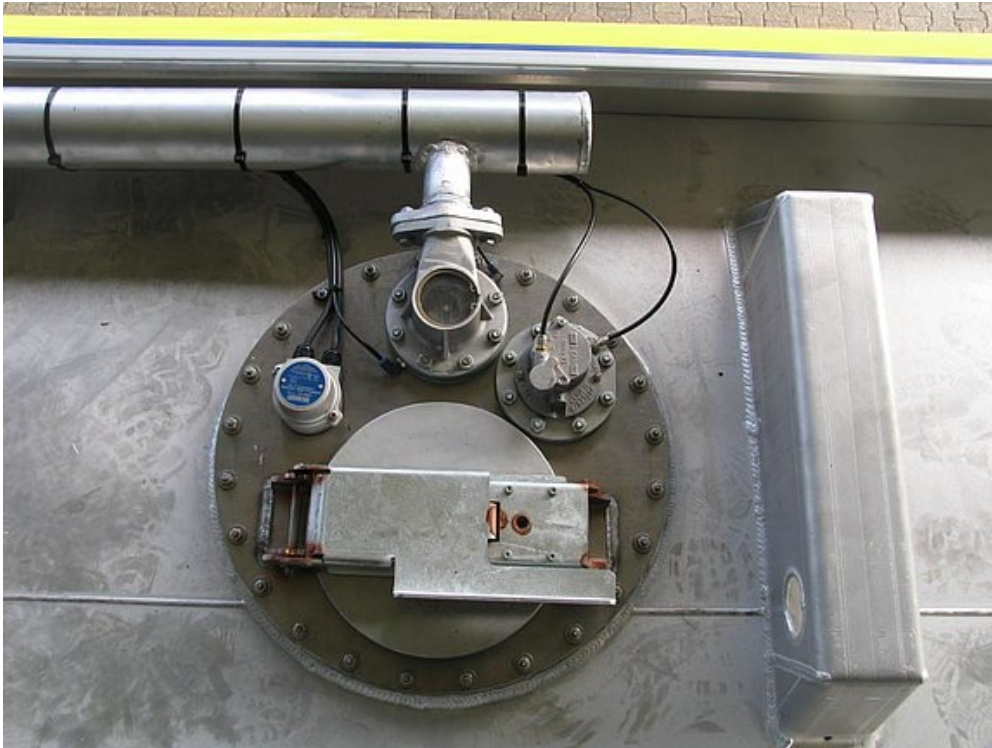
Product impressions



Modern design and maximum vehicle functionality



Fittings cabinet with parallel sliding cabinet doors and storage option for spare wheel



User-friendly arrangement of dome fittings



Drawbar with connection cables to the truck



Ideal arrangement of equipment



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: Choice of aluminium or steel bumper

