

# 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, BPW or JOST
- 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

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## WEIGHTS

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

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## DIMENSIONS

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

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## 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

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## 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

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## **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

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## **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

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## **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

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## **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

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## **EQUIPMENT**

1 external cable drum with automatic winding mechanism

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## **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

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## **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

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## **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

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## ACCEPTANCE

Acceptance as per ADR  
Tank documentation  
Type approval  
Certificate of conformity

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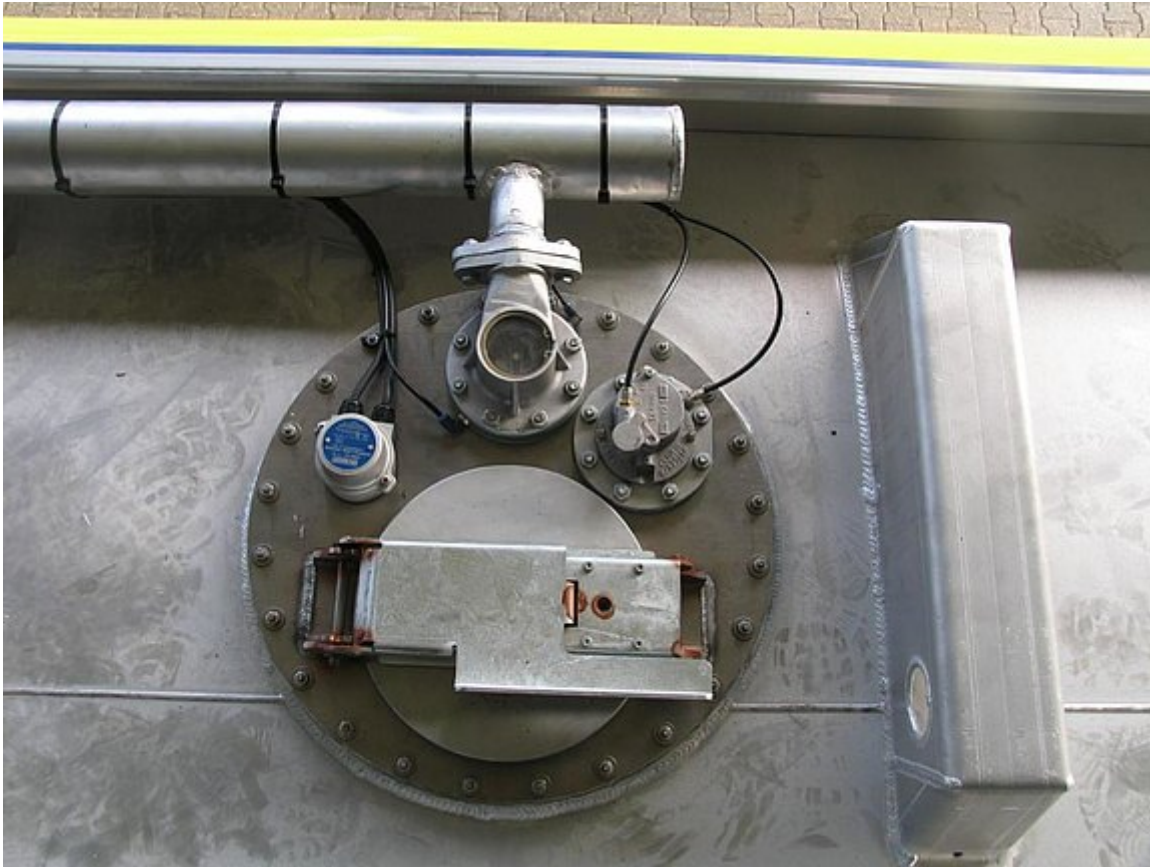
## Product impressions



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

