3-axle aluminium tank semitrailer - 38,000 l



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") suitable for pump or gravity operation
- Highest product purity thanks to optimum drainage based on front 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: Separate accessories box
- OPTIONAL: Facility for mounting spare wheel bracket
- OPTIONAL: High-set LED light holder with optional integration of reversing camera
- OPTIONAL: Fire extinguisher box with viewing window

Product details

TYPE DESIGNATION

3-AXLE ALUMINIUM TANK SEMITRAILER, CYLINDRICAL

With single outlet at rear, 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 Aluminium chassis frame with integrated hose boxes
2 steel support legs, height-adjustable, detachable when laden
Aluminium bottom-loading box for gas return and bottom-loading connection, 10-pin socket, protective equipment and bottom valve control, with parallel sliding door, recessed grips, compression latches and
product collection channel incl. drain cocks
Internal vertical and horizontal separation at front in direction of travel
Sealing facility
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

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
Single-wedge cylinder
Gross capacity: approx. 38,000 l
1 chamber
Baffles, if techn. required
Short overflow pan incl. outlet pipe(s)
Protection for dome fittings
Aluminium catwalk next to pan with foldable railing
Aluminium ladder at front Earthing pin at left and rear

HOSE STORAGE

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

CONTAINER FITTINGS

1 dome cover with rapid-fill lid
1 electro-optical top sensor 2 tip valves for ventilation 2 fan ports with flame arresters 2 pneum. bottom valves DN 100 at rear for outlet
1 pneum. bottom valve DN 100 for bottom-loading on left in direction of travel.

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

PAINTWORK

Priming and spray painting with 2-component acrylic paint for commercial vehicles (standard RAL or truck colour)
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

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. 4.55 t min.

DIMENSIONS

Total width: 2,550 mm
Total height: approx. 3,450 mm
Total length: approx. 11,220 mm

PIPING WITH BOTTOM-LOADING

Rear outlet DN 100, shut-off flap DN 100, sight glass DN 100 and
TW coupling MK 100 incl. dummy plugs
Outlet above underride protection
Filling line with API coupling incl. dummy cap on left in direction of travel

Gas return line connected to fan pots

Safety pressure relief/vacuum valve

Product impressions



Modern design and maximum vehicle functionality



Hose cabinets integrated into the chassis frame



Arrangement of signage meets ADR standards



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



OPTIONAL: Separate accessories box



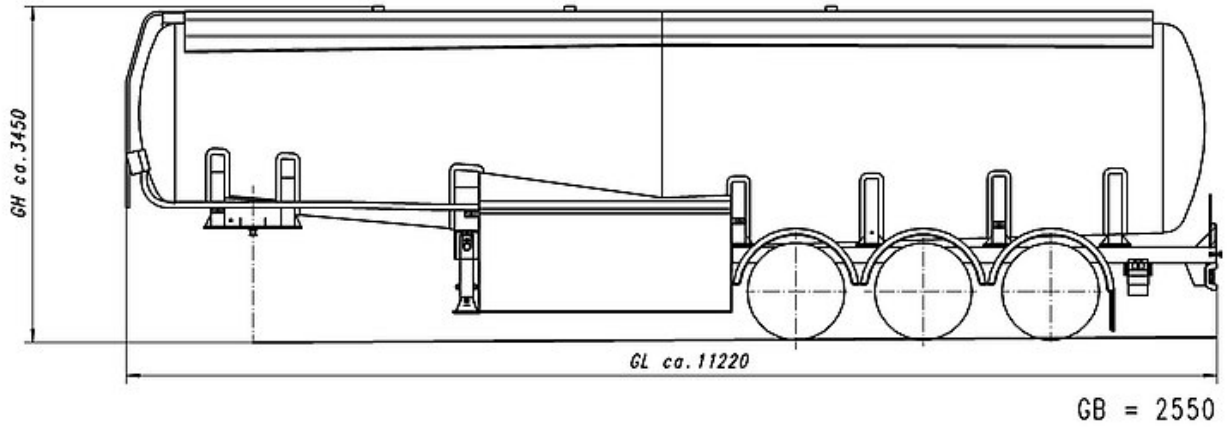
OPTIONAL: Facility for mounting spare wheel bracket



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



OPTIONAL: Fire extinguisher box with viewing window


GH ca.3450
GL ca.11220
GB = 2550