2-axle aluminium tank semitrailer for airfield and on-road operation with pumping and measuring system – military use

Produktvorteile und Optionals

- Sophisticated design with perfect functionality
- Optimum driving stability thanks to low centre of gravity
- Flexible handling of special customer requests
- Highest product purity thanks to optimum drainage based on unique double-wedge construction
- Aluminium or stainless steel chassis
- Installation of axles from well-known manufacturers such as SAF or BPW

Fahrzeugdetails

TYPE DESIGNATION

2-AXLE ALUMINIUM TANK SEMITRAILER IN BOX BODY DESIGN - MILITARY USE

With pumping and measuring system, for airfield operation and road transpor

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 and JET A-1

CHASSIS AND ATTACHMENTS

Fifth-wheel plate with 2" kingpin Stainless steel chassis frame Mechanical support jack, detachable when unladen Aluminium box for printer Aluminium accessories box Aluminium underride protection Axles Air suspension unit with low-maintenance axles and drum brakes, 2 x 10 t rigid, wheelbase 1,310 mm Suspension Air suspension Tyres 5 x 425/65 R 22.5 165K, manufacturer as per factory specifications 5 steel wheels, 11.75 x 22.5, 10-hole, without 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 box format for complete drainage Gross capacity: approx. 37,000 l 1 chamber Baffles, if techn. required 1 overflow pan per dome Protection for dome fittings Aluminium catwalk

next to domes with foldable railing Aluminium ladder at front Earthing pin on left and right Spare wheel bracket at rear Fittings cabinet Large, continuous aluminium cabinet welded to container, with product collection channels on both sides Parallel sliding cabinet doors sealing facilities

HOSE STORAGE

2 plastic hosepipes for 3" hose

CONTAINER FITTINGS

1 dome cover with rapid-fill lid 1 electro-optical top sensor 2 tip valves for ventilation 2 fan pots with flame arresters 1 filling connection, 3", at top 1 pneum. level switch for low-level control 1 mech. dipstick 2 pneum. bottom valves

THE FITTING CONFIGURATION ENABLES THE FOLLOWING OPERATIONS

Output with own pump via meter and pressurised refuelling coupling/hose (underwing) Output with own pump via meter and hose through nozzle (overwing) Self-filling Free-fall drainage via API coupling Unmetered output

PIPING

Aluminium drain manifold to measuring system 1 API filling port incl. dummy cap

PUMP

1 self-priming pump with hydraulic drive

FILTER MONITOR (IN FITTINGS CABINET)

Filter monitor with bubble separator and instruments Differential pressure gauge

MEASURING SYSTEM

1 flow meter, flow rate approx. 500 l/min or 1 flow meter, flow rate approx. 1,200 l/min In each case with pulse generator

MONITORING INSTRUMENTS

- Pump pressure - Venturi pressure - Hydraulic pressure - Pump speed

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 mounting frame with 1 double-plate (30/1202 and 30/1223) 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 2 ex-proof fittings cabinet lights 2 red airfield warning lights

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

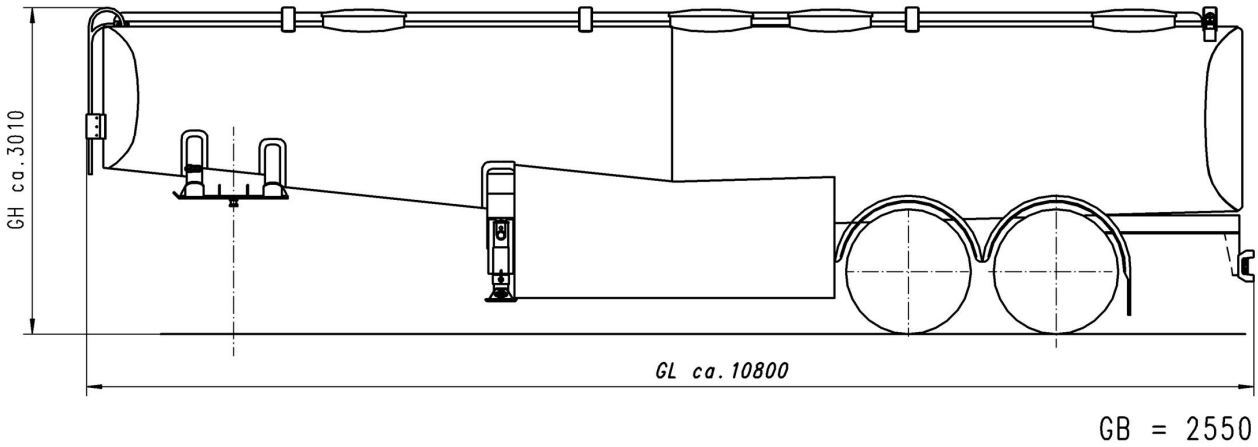
Impressionen

Modern design and maximum vehicle functionality

User-friendly arrangement of dome fittings

Ideal arrangement of spare wheel at the rear of the vehicle

Ideal arrangement of equipment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