# 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



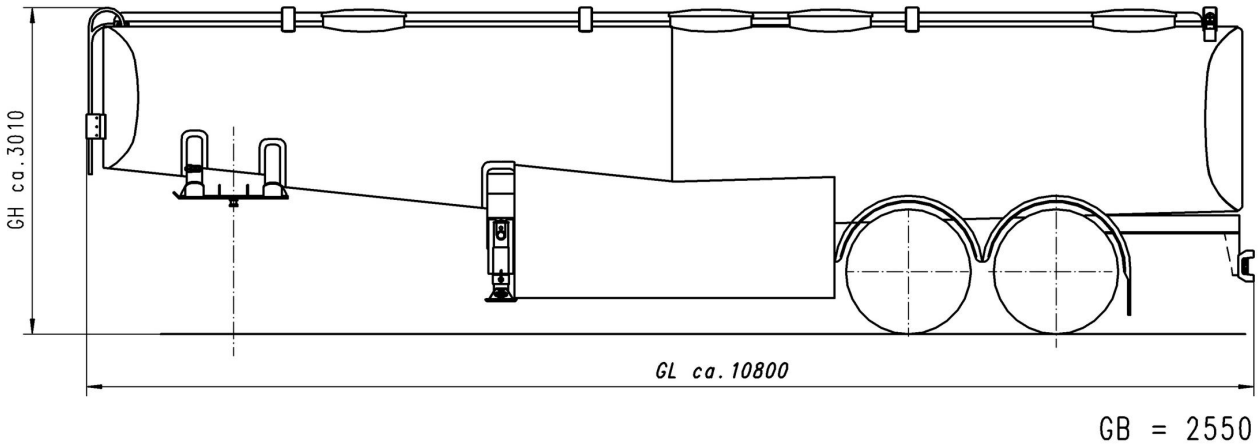
User-friendly arrangement of dome fittings




Ideal arrangement of spare wheel at the rear of the vehicle




Ideal arrangement of equipment


GH ca.3010
GL ca.10800
GB = 2550