

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



## **Produktvorteile und Optionals**

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- ☐ 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
- ☐ OPTIONAL: Choice of aluminium or stainless steel bumper
- ☐ OPTIONAL: High-set lights integrated in dome tank
- ☐ OPTIONAL: Separate plastic box for fire extinguisher



### Fahrzeugdetails

#### **TYPE DESIGNATION**

2-AXLE ALUMINIUM TANK SEMITRAILER IN BOX BODY DESIGN

With pumping and measuring system, for airfield operation and road 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 JET A-1

#### CHASSIS AND ATTACHMENTS

Swivel rocker with cable bushing on fifth-wheel coupling Stainless steel chassis frame Single wheel plastic mudguards with mud flaps and spray-suppression system Side impact protection, foldable Aluminium underride protection. Axles Air suspension unit with low-maintenance axles and disc brakes,  $2 \times 10$  t rigid, wheelbase 2,050 mm Suspension. Air suspension. Tyres  $4 \times 425/65$  R 22.5, 165 K, manufacturer as per factory specifications 4 aluminium wheels,  $11.75 \times 22.5$ , polished outside, 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. 34,000 l 1 chamber Baffles, if techn. required Water sump Overflow pan incl. outlet pipe(s) Protection for dome fittings



Aluminium catwalk in pan with foldable railing Aluminium ladder at rear

#### **CONTAINER FITTINGS**

3 dome covers with rapid-fill lids 1 fill level indicator, 10" 1 pneum. level switch for fill level monitoring 1 pneum. level switch for low-level limiter 3 pneum. tip valves 3 fan pots with flame arresters 1 mech. dipstick Filling 1 pneum. bottom valve with filling line and industrial dry couplings Output 2 pneum. bottom valves for output DN 100

#### THE FITTING CONFIGURATION ENABLES THE FOLLOWING OPERATIONS

Underwing pressure fuelling via long hose, underwing pressure fuelling via two deck hoses Refilling via deck hoses Overwing fuelling

#### **PIPING**

Aluminium piping routed to the front - through the swivel rocker - to the fittings cabinet on the STT Gas return line connected to fan pots Safety pressure relief/vacuum valve

#### MONITORING INSTRUMENTS

- Pump pressure - Venturi pressure - Hydraulic pressure - Flow chart - Pressure gauge for aluminium air tank - Pump suction/-pressure gauge - Sample extraction from piping

#### **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 single substance plate (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

#### STT EQUIPMENT

Refuelling platform with steps on left in direction of travel Fittings cabinet with fold-up doors on both sides Pump unit on right in direction of travel Substructure for swivel rocker on fifth-wheel coupling

#### **PUMP (IN FITTINGS CABINET)**

1 self-priming tandem pump with hydraulic drive



#### **FILTER WATER SEPARATOR**

1 filter water separator with attached gas separator Filter equipment: 1 piston-type differential pressure gauge 1 gas return line to tank 1 check valve after filter Drainage line with 2 shut-off cocks R 3/4" and dummy caps

#### **MEASURING SYSTEM (IN FITTINGS CABINET)**

1 flow meter, with electron. meter Parallel display on refuelling platform Label printer in cab 1 sight glass 1 automatic valve for inline pressure control Pressure relief for the piping system 2 venturi nozzles



## **Impressionen**



Modern design and maximum vehicle functionality



User-friendly arrangement of dome fittings



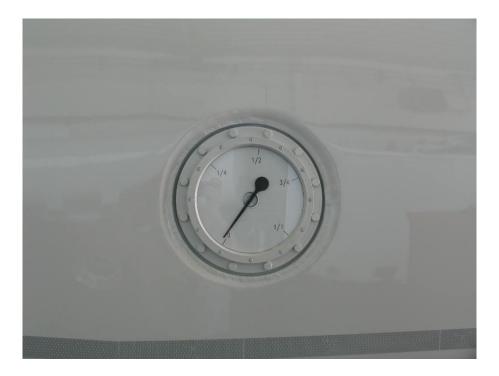


Ideal arrangement of equipment



Fittings cabinet features clearly arranged fittings





Fill level gauge



OPTIONAL: Choice of aluminium or steel bumper



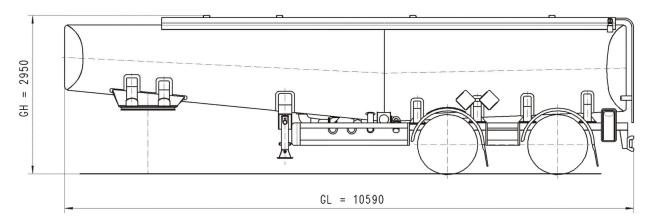


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GB = 2550