3-axle aluminium tank semitrailer with pumping and measuring system and/or gravitational measuring system (cylinder)



Produktvorteile und Optionals

? 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 unique double-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: High-set LED light holder with optional integration of reversing camera
? OPTIONAL: Fire extinguisher box with viewing window

Fahrzeugdetails

TYPE DESIGNATION

3-AXLE ALUMINIUM TANK SEMITRAILER, CYLINDRICAL

With pumping and measuring system and/or 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

CHASSIS AND ATTACHMENTS

Fifth-wheel plate with 2" kingpin Aluminium chassis frame with integrated hose boxes 2 support legs, height-adjustable and detachable when laden GFK box for printer at front right in direction of travel 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 Dual-circuit pneumatic braking system Braking system make: Wabco EBS-E system 2S2M 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 cylinder

format for complete drainage Gross capacity: approx. 43,500 l 4 chambers, chamber division gross approx. 12,750/4,400/7,500/18,850 l 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 cabinet doors, sealing facilities

HOSE STORAGE

Storage facility for two 3" hoses, each approx. 4,600 mm long in chassis frame

CONTAINER FITTINGS

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

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 five-chamber tail lights in underride protection - partly LED LED side marker lights 2 LED clearance lamps at front 2 LED contour lights on underride protection 15-pin socket ex-proof fittings cabinet light

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

ACCEPTANCE

Acceptance as per ADR Tank documentation Type approval Certificate of conformity

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. 5.4 t min.

DIMENSIONS

Total width: 2,550 mm Total height: approx. 3,520 mm Total length: approx. 11,550 mm

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

lines to pumping and measuring system and/or gravitational measuring system One API filling port per chamber incl. dummy cap on left in direction of travel Gas return line connected to fan pots Safety pressure relief/vacuum valve

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

PUMPING AND MEASURING SYSTEM FOR DRY AND WET HOSE SYSTEM (MID)

Suitable for petrol, diesel oil and EL heating oil Hydraulically powered pump with overflow valve Pneumatic gas extractor DN 80 with automatic vent and meter DN 80 Electron. meter with DIN A5 label printer in box Aluminium hose reel with hydraulic winding mechanism 30 m high-pressure hose DN 40 nozzle ZV 400 with pivoting joint and tap pipe Brackets for adapter pieces

AND / OR

Impressionen






SCHWARZMÜLLER