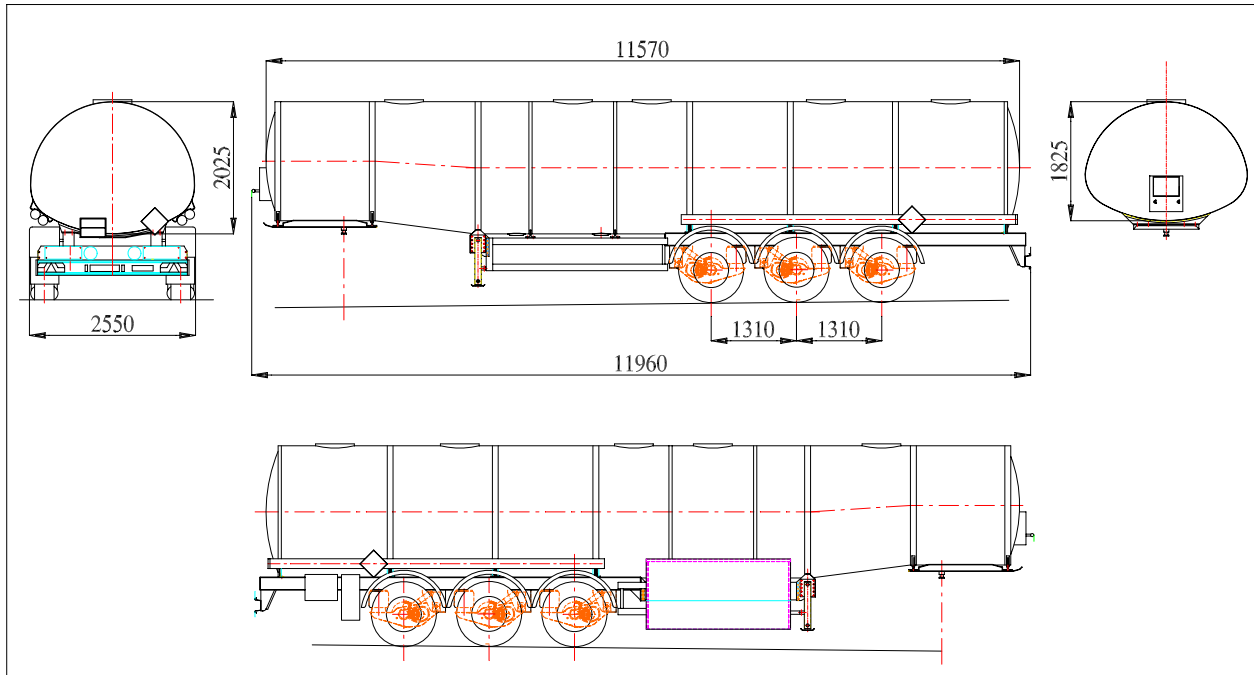




FUEL SEMITRAILER TANKER WITH TWO GRAVITY METERS Type 3SC42.3T-PV...



41.000 litres self supporting semi-trailer tanker divided in 5 compartments (14.000+4.000+5.000+11.000+7.000) with two gravity unloading meters.

Gross vehicle weight 38.000 kg
Tare weight 5.500 kg

OMT semi-trailer tanker with round-elliptical cross section tank structure.

The cross section of the tank is a compound of half upper round section and lower half elliptical section which grants a lower centre of gravity and better stability to the vehicle.

Light alloy vessel with ends, partitions and shell plates welded directly to extruded stiffening rings.

Design according to ADR 2005 regulations for transportation of petrol and diesel, class 3.

Extruded aluminium saddle mountings welded to the lower section of the stiffening rings and bolted to the suspension frame, to the landing gear structure and to the king pin plate frame.

Tank code: LGBF.

Compartment equipment

500 mm dia. manhole recessed in tanker upper surface with bolted circular manhole cover (Niehuser type) including: 5 way ADR safety valve, 2" vapour return valve opening simultaneously with the compartment bottom valve, 2" piping running through the tanker in a central position. Draining pipe from manhole recess to the bottom of the tank.

4" bottom valve pneumatically controlled.

4" loading/unloading pipe between the bottom valve and deviation valve.

Arrangement for mixture detection sensor.

Bottom loading and vapour return

Five 4" male couplers with cap and chain.

Five 4" selecting valves linked to the bottom valves, to the loading couplings and to the two gravity meters.

One 4" vapour return manifold.

One vapour return coupling and 4" Kamlock valve, cap and reduction on the LHS of valves cabin.

Gravity unloading and measurement

Two gravity volumetric meters with pneumatic gas free filter and pneumatically controlled unloading valve, 3" quick coupling and cap. Each compartment can be linked to both gravity meters (one calibrated for petrol and one calibrated for diesel) by means of the selecting valve.

One VEGA electronic head for both gravity meters capable of single and simultaneous unloading. Electronic printer.

One impulse generator is fitted in each meter and connected to the electronic head with a shielded cable.

The meters and the control board for pneumatic and electronic loading/unloading operations are enclosed in a protective cabin on the RHS of the vehicle.



Pneumatic main switch placed on loading/unloading equipment cabin door.

A separate cabin is provided for the electronic head and the printer.

A cabin on the LHS to enclose the electro pneumatic layout.

Coupling

2" king pin bolted to rub plate.

S1 class CUNA (NC 001-30) normalized semi-trailer.

Running gear

SAF pneumatic suspension with aluminium hangers. Three SAF non steering axles for single tyres. Hubs for 10 stud aluminium disc wheels.

Aluminium running gear frame.

Wheels and tyres

7 aluminium ALCOA "Diamond Brite" disc wheels 11.75 x 22.5.

7 Michelin tyres 385/55 XTE2 - E 22.5.

Landing legs

OMT double height aluminium landing legs.

Braking system

To CEE standards with ISO couplings.

Class "A" EBS system with overturning device.

Spring parking brake.

Electric equipment

To CEE standards with 15 pole ISO socket. ADR wiring.

Accessories and safety fittings

One 9 kg powder fire extinguisher and plastic holder.

Side bumpers according to CEE regulations.

Earth trace to ground.

Light in the valves cabin.

Four UPI earth lugs (two at front and two at rear)

Hearth cable reel and clamp.

Emergency shut down valves main switch on rear LHS of vehicle.

Rear light alloy bumper with recessed LED lights.

Kit "A" Skully overflow equipment.

Two 5.2 m long x 150 mm dia. hose carriers on each side of tanker. 2" and 3" flexible hoses.

One stainless steel tool box.

Thermoplastic mudguards for single tyres.

Hazardous stickers and product identification signs.

Two yellow chocks and holders.

Set of connections for flexible hoses.

Cable reel; two NO SMOKING signs; four red and white plastic cones.

Painting

Tanker and under structure painted with polyurethane paint to the requested colours.

Homologated reflector strips on both sides and rear end of tanker.

Tests

Tanker – MCTC.

Options

Front lifting axle. (+ 30 kg).

Rear self steering axle. (+ 190 kg).

Spare wheel carrier. (+ 30 kg).

Ladder, walkway and collapsible handrail. (+ 70 kg).

Jost MODUL type landing gear. (+ 60 kg).

Sampi M30 meters + TE500 dual 28.

A.O. Smith T40 meters + Domino.