



37.000.litres self supporting semi-trailer tanker, divided in 4 compartments equipped with gravity fuel-meters.

OMT semi-trailer tanker – mod. **3SC01T-37R** with **round-elliptical cross section** self supporting tank structure.

The cross section of the tank is a compound of half upper round section and lower half elliptical section, which is foreseen by the ADR/EN required shape in relation to side protection.

AW 5088 Pechiney Xtral 728 light alloy vessel with ends, partitions and shell plates welded directly to extruded stiffening rings.

Design according to ADR 2005 regulations for transportation and distribution of fuel products, class 3.

Tanker loading capacity: 37.000 litres. Compartments capacity: 11.000+9.000+13.000+4.000 litres.

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.

Front ladder, longitudinal upper walkway on the RHS of domes with collapsible hand-rail.

Equipment of each compartment

500 mm dia. manhole. Bolted circular cover fitted with 10" loading hatch, 5 way ADR safety valve, adjustable dipstick, 3" vapour return valve operating simultaneously with the bottom valve. Kit "A" Skully overflow system.

4" bottom valve pneumatically controlled.

4" loading/unloading aluminium pipe.

Tank equipment

Bottom loading on each compartment with bottom loading 4" API couplings.

4" upper vapour return manifold and piping running to the bottom of the tank.

One vapour return connection on the RHS of unloading equipment with 4" Kamloc valve and cap.

Top loading through the 10" loading hatch.

Unloading system with gravity fuel-meters

Two SMITH T40 gravity meters with 3" quick coupling and cap.

One ULTRAKUST electronic head for both meters. Unloading through a single meter in turn, electronic ticket printer with case, and temperature compensation.

The diesel-meter can also unload through a pump driven by an hydraulic motor controlled from the tractor.

Two expansion joints and one throttle valve for the gravity by-pass. (for independent use of the pump the following are supplied: one 3" coupling for intake, one 2" connection for exhaust and one 2" valve to exclude tanker unloading system).

The vapour return Kamloc, the electronic head and the printer are located on the RHS of the vehicle protected by bonnets also including the control panel for loading/unloading operations.

A main switch acting on the pneumatic system is located on the RHS case bonnet. The full width case will also have a bonnet on the LHS of the vehicle and will contain the motor-pump and accessories.

1" hydraulic coupling for tractor hydraulic motor control.

Weights

Gross vehicle weight kg. 34.000

Approx. tare weight kg. 6.100



Coupling figures

Total gross vehicle of tractor and semi-trailer: 40 tons.
Weights distribution: 10720+7760+7760+7760 kg.
2" king pin bolted to rub plate.

Running gear

R.O.R. 9000 NB type pneumatic suspension with equaliser beam, shock absorber and torpless. Raise and lower device.
Three 10 tons R.O.R. fixed axles for single tyres, 377 mm dia. disc brakes – ELSA 195 and 10 stud hubs for light alloy disc wheels.
Zinc coated carbon steel suspension frame
Automatically/manually controlled 1st lifting axle.

Wheels

7 aluminium "Diamond Brite" ALCOA disc wheels 11.75x22.5.
7 Michelin tyres 385/65 E22.5.

Landing legs

Jost MODUL type.

Braking system

To CEE standards with ISO couplings.
Haldex 2S/2M ABS system. Spring type parking brake.

Electric equipment

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

Accessories and safety fittings

Two "NO SMOKING" signs and four double colour plastic cones.
ZECA earth cable reel.
Four UPI aluminium earth lugs, two welded at front and two welded at rear of chassis.
Earth trace to ground.
Flame proof lamp inside loading/unloading equipment bonnet.
One stainless steel tool box.
Winch type spare wheel carrier.
Hazardous stickers and product identification signs.
Emergency pneumatic switch to close valves in case of emergency on the rear LHS of frame.
Thermoplastic mudguards for single tyres.
Rear light alloy bumper with recessed lights.
Two 5,2 m long x Ø150 mm hose carriers on LHS side of tanker and two 4.2 m long x Ø 150 mm hose carriers on RHS of tanker. D3" hoses and Italian couplings (to be defined).
One 6 kg powder fire extinguisher and plastic holder.
Couplings provided: Two couplings 3" RM – 3" RM
 One coupling 3" KM – 4" KF
 One coupling 3" KM – 4" KM
 One coupling 4" F/3" M
One shovel, one 50 litre sand box, one pick, two orange continuous/flashing lamps, two portable triangles, one 20 m earth cable with clamp, one earth stainless steel stylus, one 10/15 litre capacity galvanised bucket – max. height 300 mm.

Painting

Tanker painted to the requested RAL colour; unpainted zinc coated suspension frame; other items under the tanker to be painted to the requested RAL colour.
Homologated reflector strips. White or yellow on both sides of tank and red or yellow on the rear end of tank.

Option

Additive system for 3 products.