

FOODGRADE

Stainless Steel Tankers

Length:	13 780mm
Width:	2 550mm
Height:	As per technical specification - design pending.
Coupling Height:	1 320mm
Ride Height:	420mm
Wheelbase:	10 000mm (Semi tridem)
Tare Weight:	As per technical specification – design pending.
Freight Carrier (Rigid):	Client specification applicable.



TANK DESIGN

Design Types:	Tridem semi, semi tandem and rigid drawbar combination and tandem pup combination.
Design Capacity:	8 000/ – 37 500/ product and design type pending.
Baffles:	One - Five
Compartments:	One - Four
Shape:	Double conical or cylindrical.
Heating:	Steam heating external or electrical blanket external.
Approvals:	National Road Traffic Act NO.93 of 1996.

TANK CONSTRUCTION

Tank Shell:	Stainless steel grade 304 or 316
Cradle Construction:	Mild steel or LDX
Chassis:	Mild steel or LDX
Landing Legs:	Jost D200A with swivel round feet with a single 2-speed gearbox with crank handle operating both supports simultaneously for air suspension. Mechanical suspension swivel flat D200T.
Rubbing plate:	Mild steel 50B 12mm with Jost 50mm flanged kingpin or 10mm mild steel 50B with taper pin block kingpin.
Spill Boxes:	Stainless steel 2.5mm grade 304.
Side Protection:	Extruded dual under-run aluminium profiles along unprotected sections on both sides with curved front corners.
Rear Bumper:	Aluminium extruded section bolted to removable aluminium supports.

RUNNING GEAR

Suspension:	BPW air suspension.
Axles:	BPW HSALM EcoPlus 9 tonne 120mm square beam axles with air suspension. Option: BPW 9010 EcoPlus 9 tonne 120mm square beam with mechanical suspension, dual wheels.
Track Width:	2140mm, air suspension. 1920mm mechanical suspension, dual wheels.

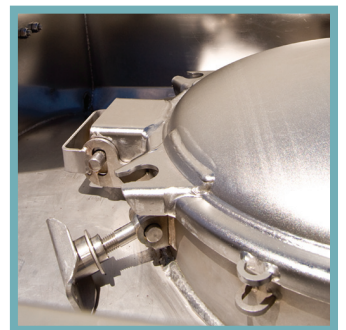
Brakes:	Drum brakes 420 x 180mm with automatic slack adjusters or disc brakes 430mm.
Lifting axle:	Front axle optional.
Steering axle:	Option: Rear self-steering with stabiliser.
Tyres:	385/65 R22.5 or 315/85 R22.5, single or duals respectively.
Rims:	Aluminium or mild steel.
Hubdrometer:	BPW electronic fitted near side centre axle.

BRAKE SYSTEM

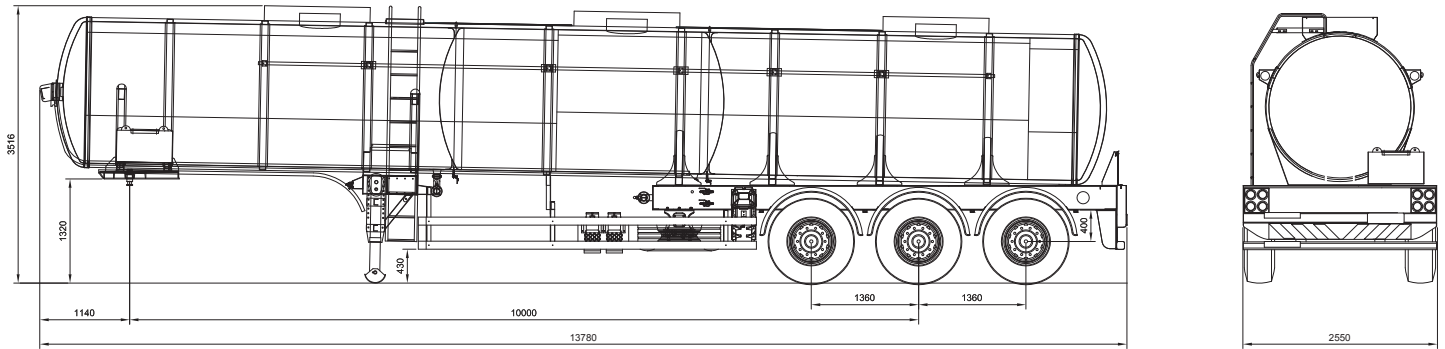
EBS System:	Wabco 4S/2M EBS system to ECE R13 with RSS. Option: Wabco ECAS system with Smartboard.
Air tanks:	Mild steel with manual or automatic drain valves.
Couplings:	F&J quick couplers fitted to centre front dish. Coiled hoses not supplied. Seven pin ISO 12098 female plug for EBS power.

ELECTRICAL SYSTEM

Wiring Harness:	Sealed harness and connectors.
Lights:	LED type rear cluster combination lights – tail/brake/indicator/reverse. Option: LED type individually mounted two per side – tail/brake/indicator with separate reverse light.
Fog Light:	LED type mounted to rear.
High Level Lights:	LED type one per side mounted to valance – tail/brake/indicator.
Marker Lights:	To the side and front, rear rubber stork lights fitted to tail board.
Reverse Alarm:	87db reverse alarm.
Coupling:	Fifteen pin ISO 12056 female plug. Coiled electrical cable not supplied.



ENGINEERING & SERVICE EXCELLENCE



TANK FITTINGS

Manlids:	Swift, Fort Vale or BMC oval side mounted.
Breathers:	Fort Vale, Perolo or Betts.
Generic Valves:	Ball valves, butterfly valves – flanged or clamped, manually operated or pneumatically operated. Brands are product specific – refer to technical specification for detail.
CIP:	Spray balls (rotary or static) routed per compartment, integrated non return valves in pipe line with coupling on near side or rear.

BOTTOM LOADING EQUIPMENT

Primary Outlet:	Ball valve or butterfly valve clamped or flanged.
Closure:	Camlock, threaded or flanged closure. Option: Bottom loading equipment can be electrical or steam heated product pending.
Operation:	Manually or pneumatically operated.

PRODUCT PUMP

Operation:	Hydraulically or electrically operated.
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EQUIPMENT

Mudguards:	BPW plastic – single or dual, stainless steel – single or dual, front stainless steel.
Spare Wheel Carrier:	Dual or single wheel winch type.
Fire Extinguishers:	Plastic moulded holders with 9kg extinguisher.
Toolbox:	Lockable plastic moulded box or stainless steel.
Wheel Chocks:	Plastic moulded chocks with retaining cables.
Ladder:	Aluminium or stainless steel fitted to the rear or near side of tanker.
Handrail:	Aluminium or stainless steel, single or dual placement.
Walkway:	Aluminium walkway or stainless steel mesh type.
Hose Trays:	Extruded aluminium or manufactured stainless steel.

PAINT & FINISH

Exterior Finish:	Polished or insulated. Insulation 50 - 100mm thick. Rockwool, glasswool with foil backing or polyurethane. Specification pending. Cladding material, stainless steel or GRP.
Interior Finish:	Food grade finish and tanker pickled and passivated. Option: Painted to customer specification.
Decals:	Mandatory safety decals applied. Option: Customer livery to specification.

WARRANTY

Warranty:	Twelve month warranty period subject to the standard conditions of sale and repair. Option: Three year extended warranty.
Maintenance Contract:	Optional with extended warranty. Contact sales for further details.



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