

BITUMEN TANKER SEMI TRAILER

Hot Point



 **curious for better.**

 **OKT Trailer**



curious for better.

What curiosity means to us, A better future.

The unique reason that the human "bring into being" is curiosity. Curiosity is the first "set a foot on the moon". Because curiosity; to realize a better and more beautiful future, ask questions, try to understand, produce innovative solutions, explore and never give up. It always takes us a step further.

Our job is always to move your business "one step forward". That's why we're curious. We recognize the needs of the trailer and superstructure equipment sector "before needs appearance" and produce innovative, user friendly and efficiency based products. We dominate the technologies that can go beyond your expectations. Due to our curiosity, we have changed the habits of the sector with every new project we made. We have broken grounds; but we have never been curious about being ahead only with the numbers.

The quality documents we have obtained being a catalyser that enable us to produce new technologies, make progress and be more curious. We curious not just about our sector, we curious about the whole world. For the nonce we are in 3 continents. We are constantly building strong values and collaborations for all of our stakeholders by producing special solutions for the needs of new geographies day by day.

Curiosity means to us not only innovation, engineering and technology. It means to us more beautiful and profitable day for the future.



■ BITUMEN TANKER SEMI TRAILER

Hot Point

While interiorising innovative and creative solutions tailored to the specific needs of our customers as the basic principle of flexible production concept with our own know-how licenses and created technologies, Bitumen Tanker Semi Trailer that can be filled up from the top and bottom, carry in the mono-compartment ADR Class 3 and 9 dangerous goods appropriate to LGAV - L4BH tank code and its hierarchy protecting carrying temperature with insulation application, with options of Webasto or burner heating system, discharged by gravity or pump-driven, can be made of carbon and stainless steel materials, with the thicknesses conforms to design calculation, in cylindrical cross section and large volume range according to ADR - EN 13094 - EN 14025 regulations, the climate and road conditions of the geographical region it serves; challenges both the roads and years with its technologies and body structure reached **“Hot Point”** till 250 °C, while being produced by the longest welding seam technology with minimum number of (T) joints and one-piece plates in the main body structure.



28.000 ~ 45.000 Lt.
Volume Range



Mono
Compartment



-20 ~ +250 °C
Design Temperature



0,5 - 4 Bar
Design Pressure



LGAV / L4BH
Tank Code



A Hot Image

Add a hot image to its users with its experience from past to present, trustworthy certification processes and gained profit.





Modular Options

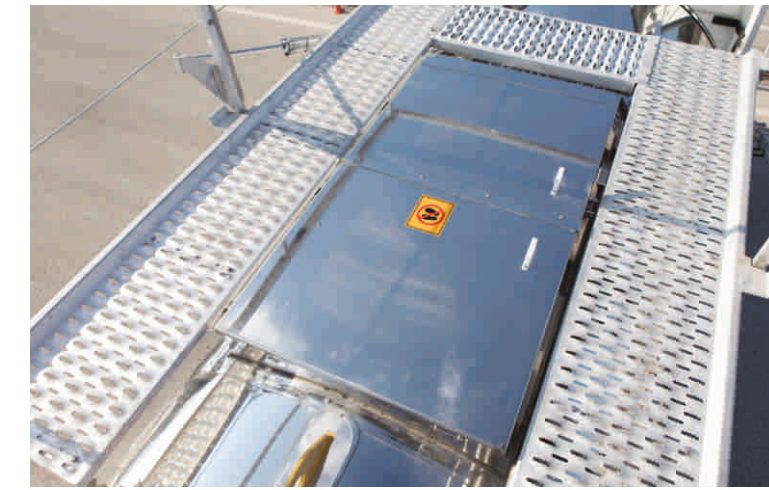
Options of special designed alternative volume, heating system, discharge systems and equipment; sort out your job.

OUTSTANDING FEATURES



Two sides and automatic opening handrail

Provides ease of use, safety and automatically locks the brake system



Protection cover

Protects the equipment on the manhole cover against seasonal weather conditions (rain, snow, sun, dust, etc.)



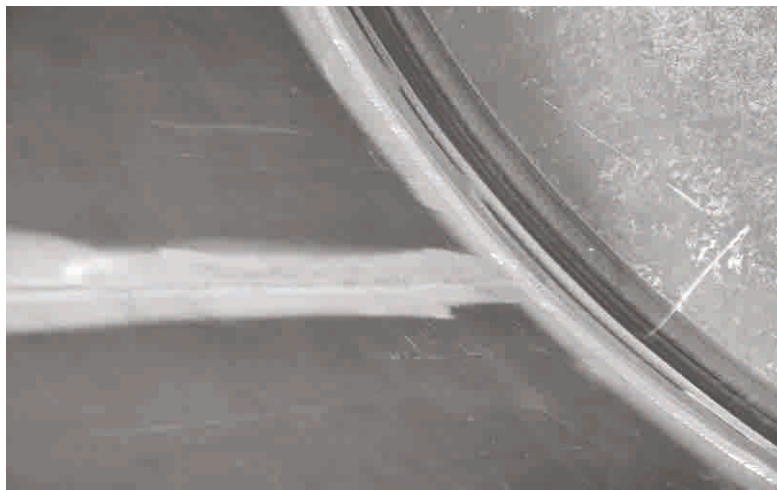
Built-in type manhole covers

Protect armatures against possible rollover and impact



ADR Certificated Type Approved Body by TSE / Turkey

Provides full and secure supervision by national and international up-to-date legislative compliance and expert team



Seamless high performance robotic welding technology

Minimizes welding faults on the body due to tension and human factors, prevents product mix between compartments and secures against impact



The longest welding seam technology in weld joints

Provides the least number of (T) joints, high strength, long life, safe, smooth surface and unique body structure



Sloping chassis design

Provides complete discharge without any liquid remaining in the tank body



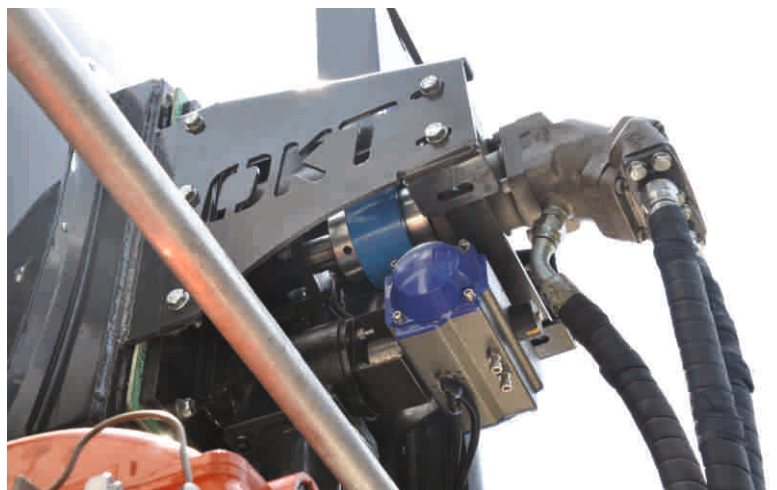
Germany KBA approved 2007/46 / EC Vehicle Type Approval

Covers national and International up-to-date regulatory compliance and 98/91/EC chassis ADR type approval regulation



Use of robotic welding technology in OMEGA® monoblock connection saddles

Increases body strength at chassis joints, reduces tension effect, provides unity of body



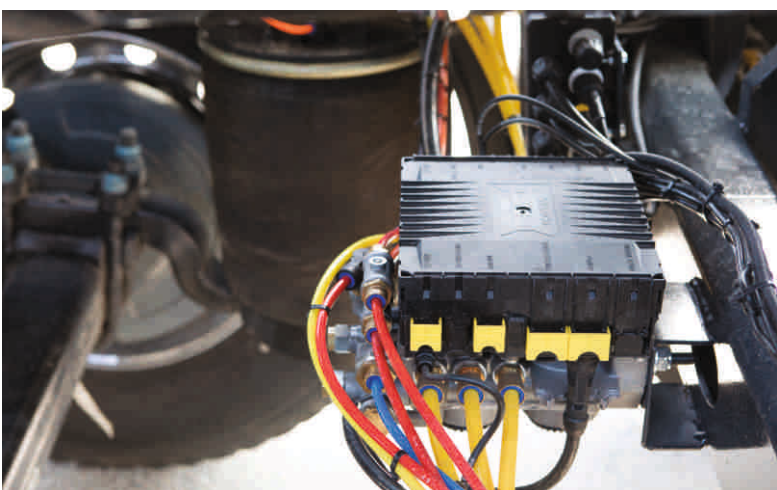
Optional Pumping Discharge System

Ergonomic handling with optimized hydromotor, piping and technical equipment provides fast and high flow rate discharge



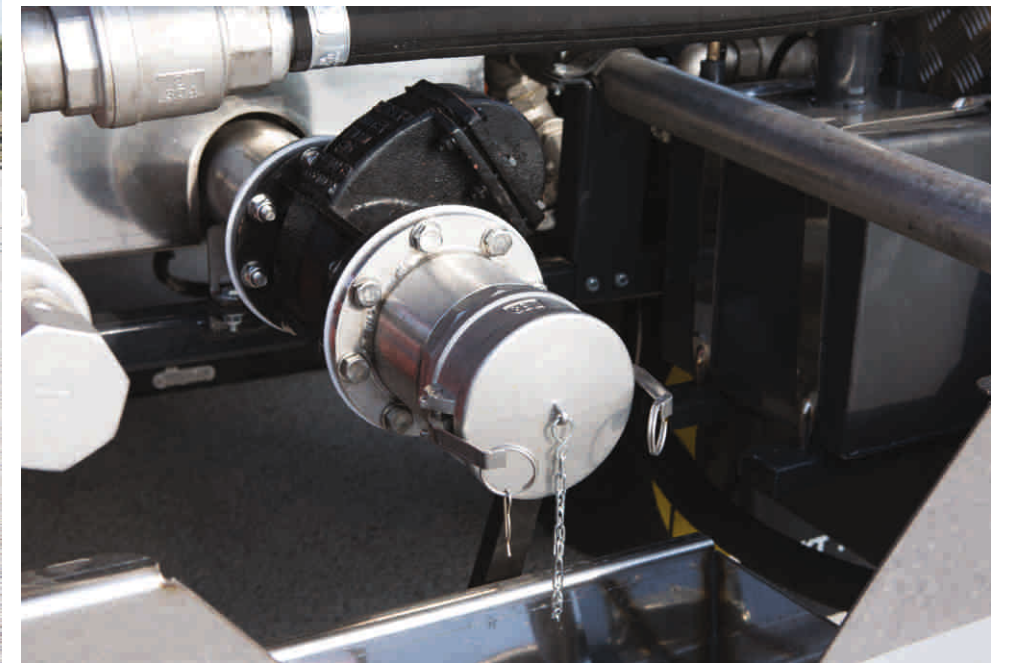
Homogeneous paint application with advanced technical equipment

Provides surface gloss in varnish quality



Coloured, POLYAMID air hoses

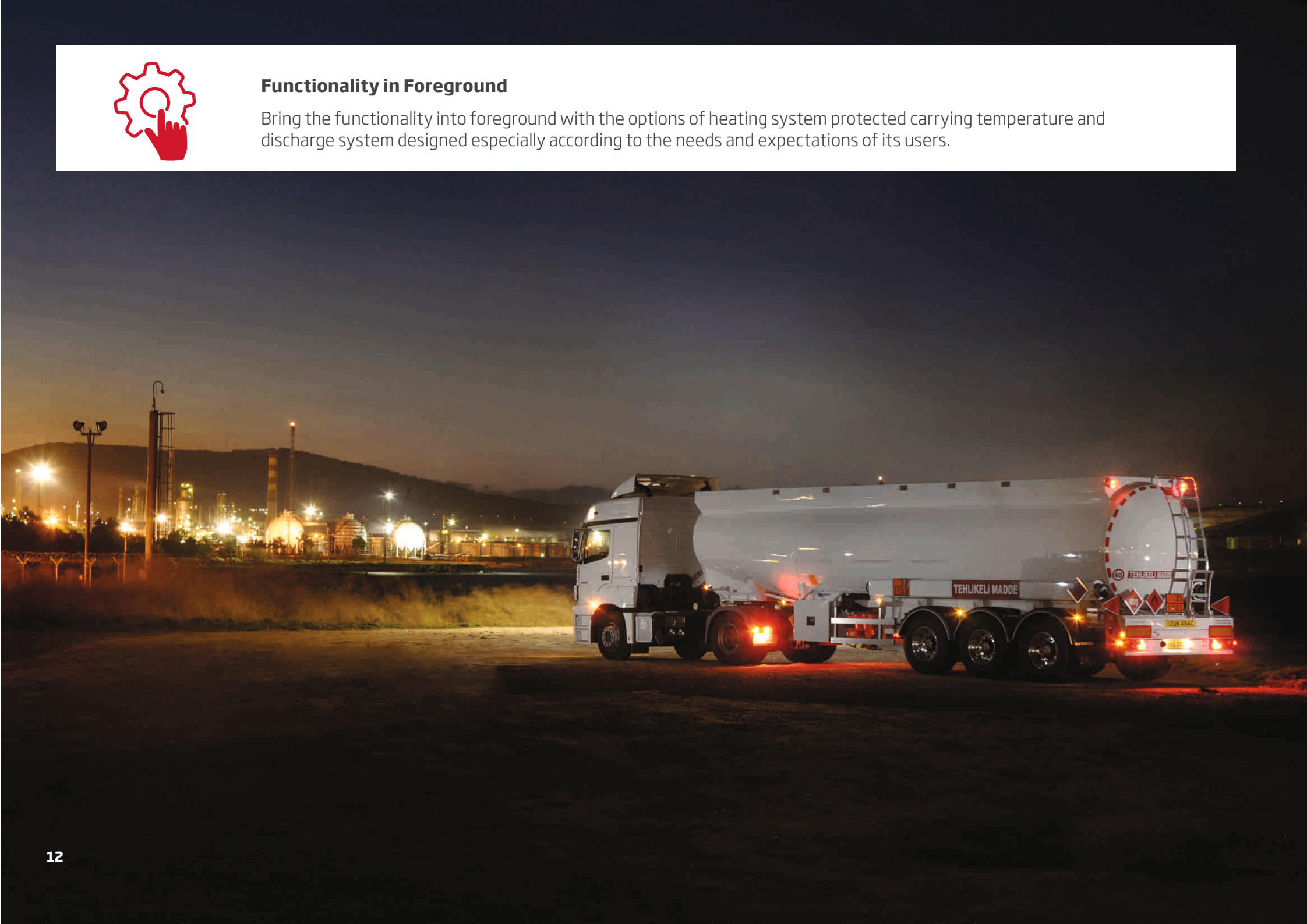
Prevents complexity on installation cables, provides serviceability





Functionality in Foreground

Bring the functionality into foreground with the options of heating system protected carrying temperature and discharge system designed especially according to the needs and expectations of its users.



TECHNICAL SPECIFICATIONS

1. Dimensions		Certification	: ADR - Turkey TSE / Germany KBA (TUV)
Width	: max 2.550 mm	* The product type and optional equipment can vary	
Height	: max 3.800 mm *	depending on your choice.	
Axle Distance	: 1.300 ~ 1.400 mm *	4. Chassis Equipment:	
5th Wheel Height	: 1.250 ~ 1.500 mm *	King-Pin	: Conforms to ECE R 55 regulation, type approved
Dead Weight	: 7.200 ~ 10.500 kg *		2 "or 3.5" demountable king pin
		Landing Legs	: Each is double speed, 25 ton dynamic, 50 ton static
2. Capacity			load capacity trailer landing legs
Geometrical Volume	: 21.000 ~ 40.000 l *	Axles	: Axle set with 9-12 tonnes each, air suspension,
Number Of Compartment	: 1 *		disc brakes
		Rims	: 14,00 - 11,75 - 9,00 x 22,5,
3. Tank		Tires	: 425 - 385 /65 R 22,5 (Single) or 31/80 R 22,5
Tank Code	: L4BH - LGAV		(Double)
Tank Class	: Class 3, 9	Brake System	: Conforms to ECE R 13 regulation EBS/ABS
Construction Material			brake system
Serial	: Mild Steel or Stainless Steel	Electric System	: Conforms to ECE R 105 regulation ADR approved
Transported Materials	: UN 3256, UN 3257 (Bitumen, Fuel Oil 6. No. etc.)		electric system
Operating Temperature	: -20°C +250°C	Bumper	: Conforms to ECE R 58 regulation rear bumper

TECHNICAL SPECIFICATIONS

5. Tank Body:

- » Cylindrical cross section design conforms to EN 13094 standard.
- » Dished heads at front and rear, in accordance with EN 13094 design standard internal baffles.
- » ISO 3834 Welded manufacturing quality qualification approved.
- » Unique body structure in the tanker manufacturing sector with a smooth surface, with a minimum number of (T) joints, produced by the longest welding seam technology in the cylindrical body structure, seamless, integral plates and their welded joints.
- » Using seamless high-performance robotic welding technology, welding faults on the body due to tension and human factors are minimized and secured against impact.
- » The slope in the chassis design allows complete discharge of each compartment of the tank, with no liquid remaining.
- » Air gap safety against expansion and overflow.

6. Insulation:

- » Insulation applied to the body is wrapped around the circumference to prevent sagging, protects against external factors, sealing with lath and heat resistant rubber, visual aesthetically insulated isolation coating and front and rear isolation dished heads.

7. Heating System:

- » On the inner bottom of the tank, the product fluidity is provided homogeneously with hot water or steam vapour flow through stainless pipes, resistant to working temperature.
- LGAV** - Product fluidity is ensured homogeneously by flame pipes heated by electric diesel burner which is resistant to working temperature inside the tank and connected to the pipe entrance.

8. Loading/Discharge Line:

Loading Line

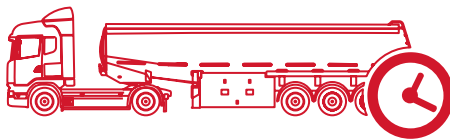
- » Top Loading through DN 500 manhole covers

Discharge Line

- » In accordance with EN 14025 located on the back of the tank gravity discharge or pneumatic operated pumping discharge through insulated discharge pipes extending from manually operated bottom valves to the providing safety 3 fast-closing discharge couplings.
- » Dripping container that collects the liquid flows that emerge after the discharge located at the ends of the discharge couplings.
- » ISO 3834 Welded production quality qualification approved discharge pipes welded to the patent padded,

9. Chassis:

- » Half or full chassis suitable to body design, body console connections mounted to the chassis with bolts, special designed to provide rollover safety.
- » Chassis construction parts are manufactured in perfect harmony with synergic welding machines by certified welders under the approval of ISO 3834 Welded manufacturing quality qualification.



Performance Needs Source

Durable body structure together with superior production technology and premium equipment turns the long lifetime into profit.



GALLERY





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