

TRUCKMOUNTED CHEMICAL TANKER

Chemical Bond



 **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.



■ CHEMICAL TANKER TRUCKMOUNTED

Chemical Bond

While adopting innovative and creative solutions tailored to the specific needs of our customers as the basic principle of flexible production understanding, with our own know-how licenses and the technologies we produce and according to the regulations of ADR - EN 14025-the geographical region to be served is made of stainless steel material which is based on to the climate and road conditions, in suitable thicknesses for design calculations, cylindrical section, wide volume range, UN-code dangerous substances in ADR Class-3-6-8 which can carry up to one or four chambers, capable of discharging the flow and powered, Truckmounted Chemical Tanker; it forms a **“Chemical Bond”** exactly in accordance with the superstructure instructions of truck manufacturers and truck chassis in different configurations.



12.000 ~ 25.000 Lt.
Volume Range



1 ~ 4
Number of
Compartments



-20 ~ +50 °C
Design Temperature



1,5 Bar
Design Pressure



L1, 5BN
Tank Code



Innovative Approach

It provides innovations to your business by providing solutions that meet current legislation and requirements for filling, transporting and discharging operations of chemical substances.





Modular Volume

Offers modular solutions for the truck chassis in different configurations with its wide volume alternative designs.



OUTSTANDING FEATURES



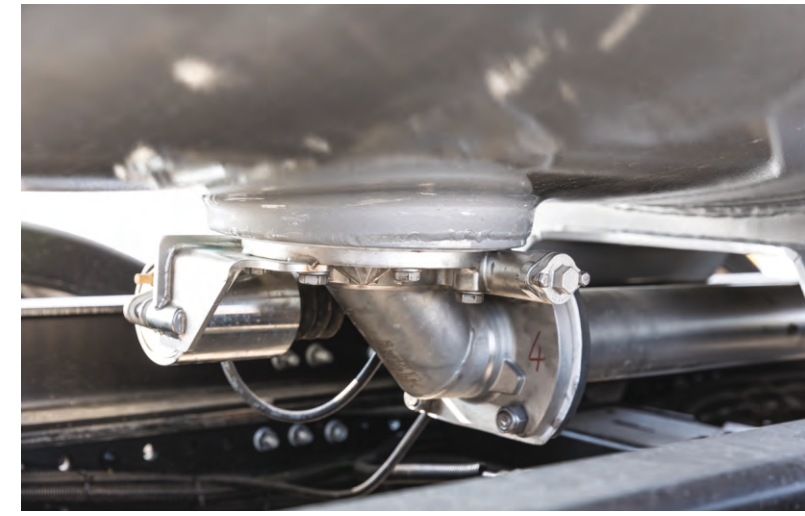
Two sides and automatic opening guardrail

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



Spilltrays type top pool

Protect armatures against possible rollover and impact



Outputs opened by deep drawing method

At the bottom of the tank, it provides full discharge of the product



Armature cabinet cover (Bus type)

Provides mobility and ergonomic handling even in the narrow area



ADR certificated type approved by TSE / Turkey body

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



Transverse seamless monolithic plates in the body structure

The least number of (T) joints provide high strength and long life



Homogeneous paint application with advanced technical equipment

Provides surface gloss in varnish quality



OMEGA mounting slots and bolted connection system on the chassis

Perfect fit between body and chassis under all kinds of road conditions, increase strength, reduce tension by distributing coming force to the body



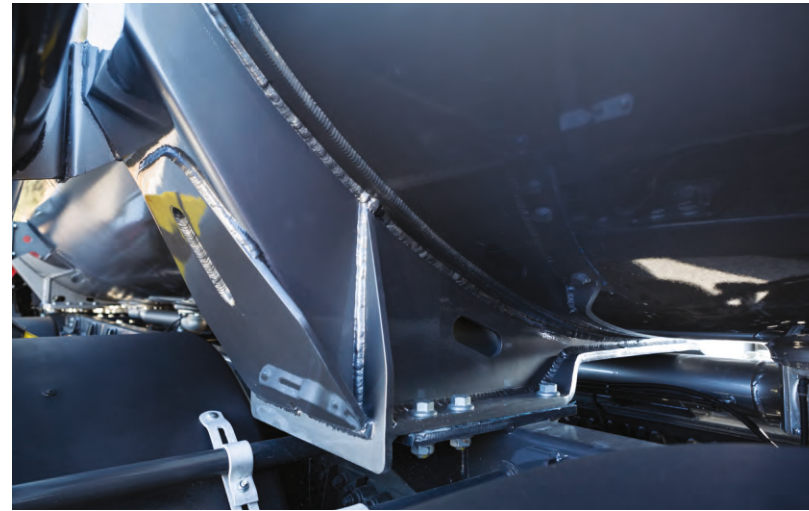
The longest welding seam technology in weld joints

Safe, smooth surface and unique body structure



Seamless high performance robotic welding technology

Minimizes welding faults on the body due to tension and human factors and secures against impact



Use of robotic welding technology in OMEGA® monoblock connection saddles

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







Chemistry Different

Makes chemistry different by protecting the inner surface it touches with special passivation method.



TECHNICAL SPECIFICATIONS

1. Dimensions		* The product type and optional equipment	
Width	: max 2.550 mm	can vary depending on your choice.	
Height	: max 3.500 mm *	4. Chassis Equipment	
Dead Weight	: 3.000 ~ 3.850 kg *	Mudguard	: Semi-circle rigid plastic fender mounted
			on each wheel with aluminium clamp
2. Capacity		Mudflaps	: Conform 109/2011/EU directive type approved
Geometrical Volume	: 12.000 ~ 25.000 l *		anti-spray mudflaps
Number Of Compartment	: 1 ~ 4 *	Lateral Protection	: Conforms ECE R73 regulation protection
			equipment (lateral protection etc.)
3. Tank			
Tank Code	: L1,5BN		
Tank Class	: Class 3-6-8 *		
Construction Material Serial	: Stainless Steel *		
Transported Materials	: Tank code and the chemicals		
	specified in accordance with the		
	hierarchy of the ADR Section 3*		
Operating Temperature	: -20°C +50°C		
Certification	: ADR - Turkey TSE / Germany KBA (Tuv)		

TECHNICAL SPECIFICATIONS

5. Tank Body

- » Cylindrical cross section design conforms to EN 14025 standard EN.
- » Dished heads at the front and rear, in accordance with EN 13094 design standard internal baffles fit the selected number of compartments.
- » ISO 3834 Welded manufacturing quality qualification approved.
- » Unequal 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 and main 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.
- » Tanks and connections are tested with the method of analysis of the end elements under maximum allowable load to increase the strength of the body and reduce the tension effect at the frame junctions. The robotic welding technology is applied to the OMEGA® monoblock connection saddles.
- » The slope in the chassis design allows complete discharge of each compartment of the tank, with no liquid remaining.
- » The cleaning manhole for cleaning inside tank and its each compartment when necessary.

6. Loading/Discharge Line

Loading Line

- » Depending on the driving direction, it is filled through the right-handed couplings from the bottom or through the manhole covers or closed-circuit filling couplings from the top.

Discharge Line

- » Meets EN 13094, on the right side according to the driving direction, gravity discharge through the discharge piping line extending from the bottom valves up to the couplings, at such a slope in order not to remain any liquid in the line after discharge.
- » ISO 3834 Welded production quality qualification approved, exported patent padded welded discharge pipes.

Equipment

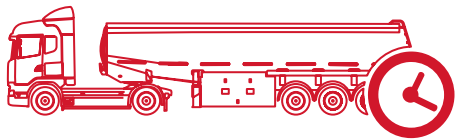
- » It is suitable for the chemical substance content from the stainless material in accordance with the standards.
- » Filling couplings that prevent the release of the transported chemicals to the environment.

7. Subframe

- » Suitable for body design, rollover safety special design subframe made of steel material that can be adapted to bolt connection according to the manufacturer's superstructure installation instructions for all types of truck chassis.
- » OMEGA® monoblock connection saddles provide a rigid structure with excellent fit to the chassis mounting slots and increase strength.
- » The spring connections used in the front subframe connections of the tank reduce the tension by distributing the force coming to the body from the road conditions.
- » 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.

8. Paint

- » After the in-tank pickling application, bacterial formation and chemical corrosion are prevented by passivation process.
- » At least 2 coats of epoxy primer.
- » "OVEN-DRYING" application on topcoat with 2 coats of acrylic paint.
- » Improved technical equipment ensures homogeneous distribution on each side of the body and surface gloss of varnish paint gloss.



Performance Needs Source

Durable body structure, superior production technology and premium equipment, turn into the long lifetime to income.



GALLERY





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