VACUUM TANKER SEMI TRAILER

Suction Force

curious for better.

OKT Trailer

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.

OKT Trailer

VACUUM TANKER
SEMI TRAILER

Suction Force

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, Vacuum Tanker Semi Trailer that can be filled up from the top or through closed vacuum circuit, carry the dangerous goods in accordance with ADR Class 9 appropriate to related tank code and its hierarchy in the mono-compartment, discharged by gravity or pump-driven, can be made of stainless steel and aluminium alloyed materials, with the thicknesses conforms to design calculation, in cylindrical cross section and large volume range according to ADR-EN 14025 regulations, the climate and road conditions of the geographical region it serves; challenges both the roads and years with its technologies, unique body structure and ***"Suction Force"*** *vacuumed the wastes, while being produced by the longest welding seam technology with minimum number of (T) joints and one-piece plates in the main body structure.*

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28.000 ~ 30.000 Lt.
Volume Range

Mono
Compartment

-20 ~ +200 °C
Design Temperature

-1 ~4 Bar
Design Pressure

ADR

L4BH
Tank Code

Precision Engineering

Required design and pressure calculations for filling, transporting and discharging operations of dangerous wastes are

Modular Options

Options of special designed alternative volume, number of compartments, material series, loading-discharge systems and

OUTSTANDING FEATURES

Two sides and automatic opening handrail
Provides ease of use, safety and automatically locks the brake system

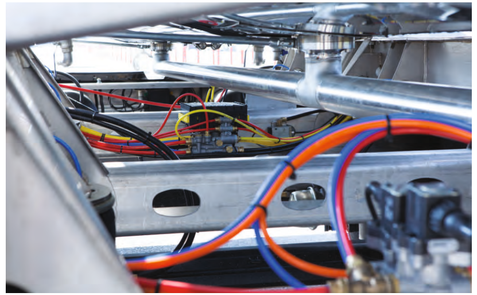
Seamless high performance robotic welding technology
Minimizes welding faults on the body due to tension and human factors, prevents mixing the products between compartments and secures against impact

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

Use of robotic welding technology in OMEGA® monoblock connection saddles
Increases body strength at chassis joints, reduces tension effect, provides unity of body

Sloping chassis design
Provides complete discharge without any liquid remaining in the tank body

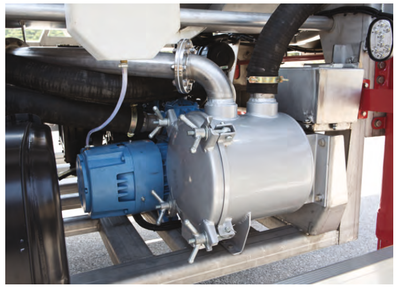
Germany KBA approved 2007/46 / EC Vehicle Type Approval
Covers national and International up-to-date regulatory compliance and 98/91/EC chassis ADR type approval regulation

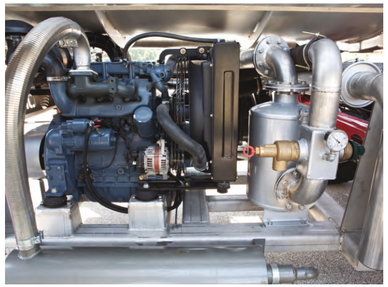


Coloured, POLYAMID air hoses
Prevents complexity on installation cables, provides serviceability


WABCO
EBS
OKT trailer
OKT trailer

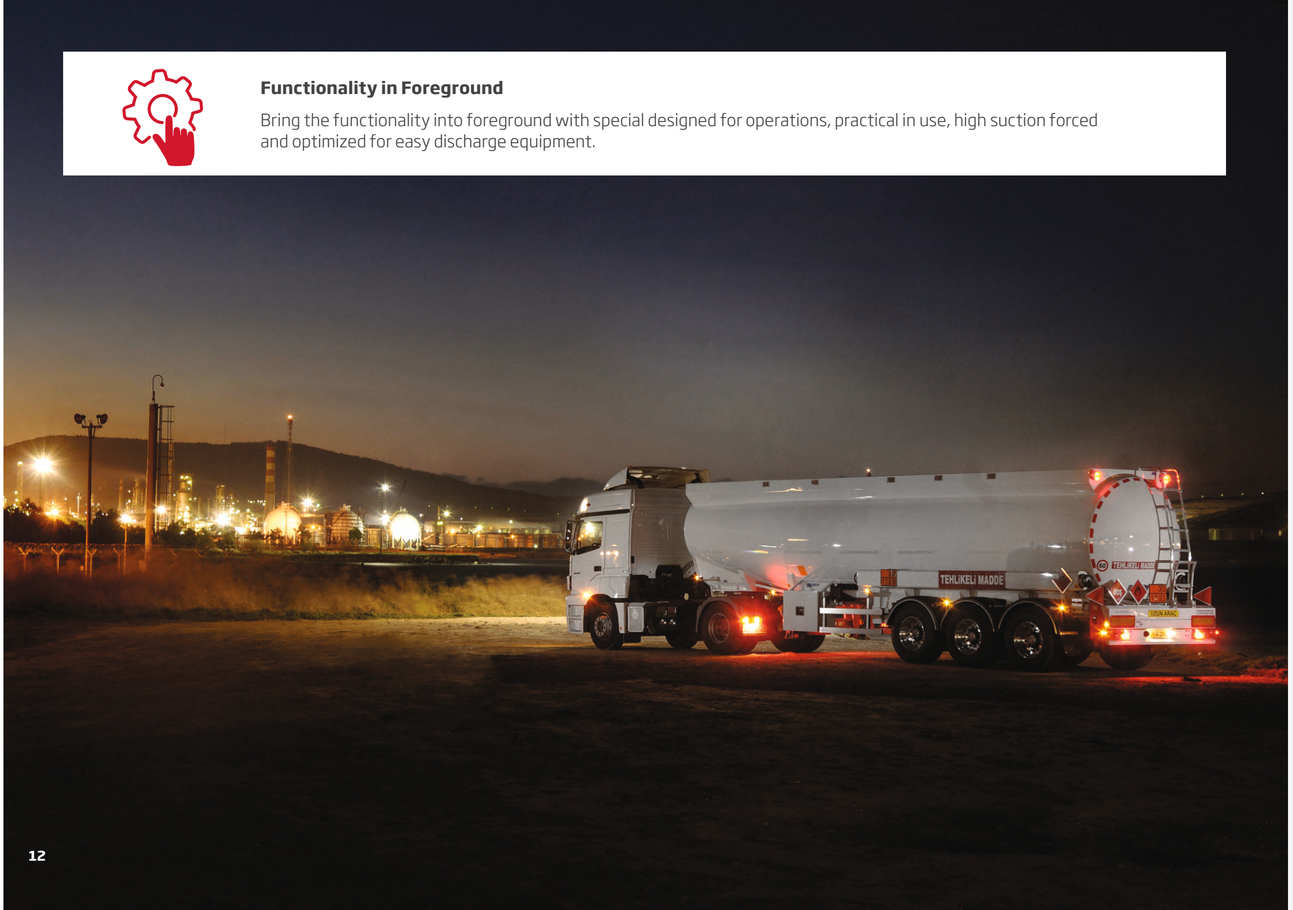

OKT





Functionality in Foreground

Bring the functionality into foreground with special designed for operations, practical in use, high suction forced and optimized for easy discharge equipment.



TECHNICAL SPECIFICATIONS

1. Dimensions		**Certification**	: Germany KBA (Tuv)
Width	: max 2.550 mm		* The product type and optional equipment can
Height	: max 3.800 mm *		vary depending on your choice.
Axle Distance	: 1.310 mm *		
5th Wheel Height	: 1.250 mm *	**4. Chassis Equipment:**	
Dead Weight	: 7.200 ~ 9.750 kg *	**King-Pin**	: Conforms to ECE R 55 regulation, type
			approved 2 "or 3.5" demountable king pin
2. Capacity		**Landing Legs**	: Each is double speed, 25 ton dynamic, 50 ton
Geometrical Volume	: 28.000 ~ 30.000 l *		static load capacity trailer landing legs
Number Of Compartment	: 1 *	**Axles**	: Axle set with 9 or 10 tonnes each, air
			suspension, disc brakes
3. Tank		**Rims**	: 11,75 x 22,5 /0 ~ 120 offset
Tank Code	: L4BH *	**Tires**	: 385/65 R 22,5
Tank Class	: Class 9	**Brake System**	: Conforms to ECE R 13 regulation 2S2M
Construction Material Serial	: Stainless Steel and Aluminum Alloy		EBS / RSP brake system
Transported Materials	: Dangerous Wastes	**Electric System**	: Conforms to ECE R 105 regulation ADR
Operating Temperature	: -20°C +200°C		approved electric system
		Bumper	: Conforms to ECE R 58 regulation rear bumper

TECHNICAL SPECIFICATIONS

5. Tank Body:

» Cylindrical cross section design conforms to EN 14025 standard.

» Dished heads at front and rear, in accordance with EN 14025 design standard internal baffles inside the body.

» 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 conforms to EN 15120 standard.

6. Loading/Discharge Line:

Loading Line

» Pneumatic knife valve used for loading located under the tank body. It is equipped with coupling, drip cap and chain. Shear point is applied after the knife valve. Inlet of the loading system to the tank body is done with a single flange.

Discharge Line

» Pneumatic knife valves used for loading located under the rear baffle and in the discharge line. 1 unit pneumatic valve and 1 unit pneumatic knife valve with female coupling, drip cap and chain. Shear points are applied after the knife valves. Outlet of the discharging system to the tank body is done with a single flange.

7. Chassis:

» Half 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

curious for better.

ATAOSB Mah. ASTİM 3. Cad. No: 7, 09010 Efeler, Aydın / TÜRKİYE
T : +90 850 850 1 658 • F : +90 256 231 0 516 • info@okt-trailer.com • www.okt-trailer.com

/okt.trailer /okt.trailer /company/okt-trailer /okttrailer

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