

# LIVESTOCK SEMI TRAILER

*Feel Comfort*



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.



## ■ LIVESTOCK SEMI TRAILER



## Feel Comfort

Livestock Semi-Trailer that is developed and produced as the first and only on the domestic market, safe with separators that prevent possible losses during the transportation while making easy boarding and release operations of animals, without any restrictions on the natural movements of animals, provides a comfortable and hygienic journey with high technologic watering, climatization and lighting systems, conforms to the “Welfare and Preservation of Animals during Transportation” regulations and conditions of Turkey, considering expectations of the livestock sector; makes animals **“Feel Comfort”** like in 7 star hotel with its durable, long-life, safe, high-strength, unique body structure combined with seamless and excellent welding performance.



1 - 3  
Number of Decks

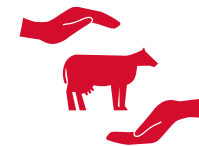


2 ~ 6  
Number of Sections



40 - 90 Bovine  
250 - 300 Ovine  
Capacity





#### Add Comfort to Life

Add comfort to life with an innovative production approach that brings the safety of animals into foreground which protects health and value of animals in livestock transportation.







### Modular Options

Options of specially designed alternative decks and number of sections, climatization, water systems and equipment; sort out your job.



## OUTSTANDING FEATURES



### Lightweight and Corrosion-Resistant Aluminum Body

Light body structure made of aluminum alloy, impact-resistant, protected against corrosion, appropriate for long-life and hygienic conditions



### Urine and Feces Drain System

Special drain down placed on the platform that prevents accumulation of urine and feces, minimizing leakage



### Anti-Skid Floor

All floors are made of aluminum alloy longitudinal widest one-piece base plates preventing slippage during boarding-release operations and transportation



### Multi-Deck Loading Possibility

Movable or fixed, long-life, safe, durable and anti-skid deck platforms that can be adjusted to the level setting according to different animal size





#### Section Doors and Separators

Portative section doors that provide safety without any restrictions on the natural movements of animals, prevent contacts between animals and injuries in case of vibrations and concussions caused by vehicle or road conditions; allow transporting different kind of animals at the same time



#### Sight Windows

Small sight windows with lockable mechanism for each compartment used during the veterinary inspection



#### Ventilation and Climatization System

Providing clean air needs of animals during the journey, natural ventilation through sliding windows that can be opened fully or partly



#### Air Exhausters

Air exhausters placed on the sides of the main body in each section, operated with on-off electrical controller located in the control box



#### Front and Rear Roofs

Insulated, fixed or lifetable optionally with hydraulic lifting system independent of each other front and rear roof that provide holistic aesthetic with the vehicle body, natural climatization and increase payload



#### Rear Loading Bridge

Provide guidance and safety with portative lateral protection, easy and quick boarding and release operations of animals; can be opened mechanically or hydraulically



#### Lighting System

LED lamps that provide sufficient lighting for inspection, care, boarding-release operations of animals



#### Water System

Pneumatic operated aluminium drinking water tank appropriate to the payload capacity, placed on the front wall or equipment box and equipped with level gauge









Unique Design

Create a difference in style against compeers with its unique body design, original stand and visual aesthetic.



TECHNICAL SPECIFICATIONS

|                              |                      |                 |  |   |
|------------------------------|----------------------|-----------------|--|---|
| 1. Dimensions                |                      | Tires           |  | : 265/70 R 19.5                               |
| Width                        | : max 2.550 mm       | Brake System    |  | : Conforms to ECE R 13 regulation 2S-2M       |
| Height                       | : max 4.000 mm *     |                 |  | EBS / RSP brake system                        |
| Axle Distance                | : 1.300 ~ 1.400 mm * | Electric System |  | : Conforms to ECE R 105 regulation ADR        |
| 5 <sup>th</sup> Wheel Height | : 1.250 ~ 1.350 mm * |                 |  | approved electric system                      |
| Dead Weight                  | : 11.500mm. *        | Bumper          |  | : Conforms to ECE R 58 regulation rear bumper |

2. Capacity

|          |                         |
|----------|-------------------------|
| Capacity | : ~ 40 Bovine animals * |
|          | ~ 300 Ovine animals *   |

\* The product type and optional equipment can vary depending on your choice and animal size.

3. Chassis Equipment:

|              |   |
|--------------|---|
| King-Pin     | : Conforms to ECE R 55 regulation, type         |
|              | approved 2 "or 3.5" demountable king pin        |
| Landing Gear | : Each is double speed, 25 ton dynamic, 50 ton  |
|              | static load capacity trailer landing legs       |
| Axles        | : Axle set with 10 tonnes each, air suspension, |
|              | twin tires, disc brakes                         |
| Rims         | : 7.50 * 19.5                                   |

4. Body:

- » High-performance square cross-section design suitable boarding and release operations.
- » High strength, oxidation and shock resistant, made of special aluminium alloy.
- » ISO 3834 Welded manufacturing quality qualification approved.
- » Special shaped profile material cross member placed with frequent and constant space on subframe to carry the load of the body, transverse and longitudinal widest one-piece non-slip base plate, subframe welding methods to traverse placed on a par with and on a regular basis, combined with excellent welding performance, strength steel slope providing holistic, long-lasting, safe, high strength, stable base platform.
- » Special drain down placed on the platform that prevents accumulation of urine and feces, minimizing leakage.
- » Strong front wall that is fixed to the base platform and provided with constant support front side entirety, increased strength with integral interlocking panels, distributed floor platforms' hydraulic lifting force to the body with vertical support profiles.
- » Side walls that are fixed to the base platform, fitted together with one-piece panels, prevents force that may come from the payload, reinforced with vertical support profiles.
- » Movable or fixed, long-life, safe, durable and anti-skid deck platforms that can be adjusted to the level setting according to different animal size, placed into the slots on the side walls in the vertical direction, moved with hydraulic lifting system; provide payload balance while lifting operation and ergonomical usage.



## TECHNICAL SPECIFICATIONS

- » Portative section doors that are placed on the deck platforms provide safety without any restrictions on the natural movements of animals, prevent contacts between animals and injuries in case of vibrations and concussions caused by vehicle or road conditions; allow transporting different kind of animals at the same time.
- » Insulated, fixed or lifetable optionally with hydraulic lifting system independent of each other front and rear roof that provide holistic aesthetic with the vehicle body, natural climatization and increase payload.
- » Locable tailgates that are maximised resistance with one-piece fitted together panels, fixed to the rear frame with hinges, can be opened fully or partly and provides water resistance.
- » Anti-skid rear loading bridge or lift with appropriate height and angle that provide guidance and safety with portative lateral protection, easy and quick boarding and release operations of animals; can be opened mechanically or hydraulically.

### 5. Body Equipment: Water system

- » Pneumatic operated aluminium drinking water tank appropriate to the payload capacity, placed on the front wall or equipment box and equipped with level gauge.
- » Water circuit and spout line that provide rate flow from the main valve located on the tank to butterfly valves placed in front, mid and rear sides of the body.
- » For bovine: nipples with reservoir located on the front, mid and rear walls at right and left sides working with touch of animal.
- » For ovine: feeding nipples located on the side walls working with touch of animal.

### Ventilation and climatization system

- » Providing clean air needs of animals during the journey.
- » Natural ventilation through sliding windows that can be opened fully or partly.
- » Air exhausters placed on the sides of the main body in each section, operated with on-off electrical controller located in the control box.
- » Heating system for cold climate (Optional)

### Sight windows

- » Small sight windows with lockable mechanism for each compartment used during the veterinary inspection.

### Lighting system

- » LED lamps that provide sufficient lighting for inspection and care of animals, placed near the air exhauster for each section operated with on-off electrical controller located in the control box.
- » Projector lamps that mounted on rear wall, provide sufficient lighting for boarding and release operations of animals.

### Lifting system

- » Hydroelectric motor-driven lifting system that has circuit breaker system, is operated by hydraulic valve placed in the equipment box.

### 6.Safety measures

- » The secondary safety fixing locks in the moving mechanism.
- » The protective covers on air exhausters.
- » Aural warning lamp indicates when hydraulic system is active.
- » Reflective plates conforms to ECE R 70 regulation and reflector strips conform to ECE 104 directive.
- » Warnings, markings and user instructions at the appropriate places.

### 7.Chassis:

- » Tension reduction gaps reduce the tension by distributing the force coming from the road conditions to the running group.
- » Chassis construction parts are manufactured with synergy welding machines by certified welders under the approval of ISO 3834 Welding quality qualification with perfect harmony.

### 8.Paint:

- » 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.



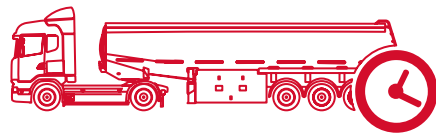
### Functionality in Foreground

Bring the functionality into foreground with easy boarding and release operations, practical in use and cleaning and optimized equipment designed especially according to the needs and expectations of its users.





# GALLERY



## Performance needs Source

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



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A better future.**



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OKT TRAILER reserves the right to make changes in the products. Technical information is approximate and is intended for standard product application. The measurements may vary depending on the truck brand and model. The subject information is not quoted. If you contact us, you can get more detailed information about the product.



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