

# ***ika TRAILER***



[www.ikatrailer.com](http://www.ikatrailer.com)









*İKA TRAILER; It operates in the dumper and trailer manufacturing and marketing sector with the aim of contributing to the country's economy and Konya's industry.*

*During the production period, it has signed many products with its experienced and technical personnel. It aims to increase this number with its employees without sacrificing quality in the future.*

*Since the establishment of our company, It has been the guarantee of providing experience, validity and reliability to its customers. Our company is constantly improving its product and service quality with the concepts of high automation and flexibility in order to provide better quality products and more comprehensive support.*

*If we briefly count the products we manufacture and marketing,*

*Semi trailer, Tipper, Flatbed semi trailer, U type tipper semi trailer , Rock type tipper semi trailer (for heavy load ), Bulk cement tankers , Tanker semi trailer, Tipper body on the vehicles, Lowbed semi trailer and container chassis.*

*Our company, which has the necessary materials, knowledge, team and equipment to fulfill its commitments on time and completely, always aims to do the best and constantly increase customer satisfaction.*

*The main goal of our company is to be able to offer complete solutions as a single contractor. Our company can easily plan, design, manufacture and assemble completely, regardless of the category.*

*We also develop it ourselves in accordance with the changing and developing customer expectations. We continue our activities in the sector with the motto of "Quality and economical Product", with the aim of making our name the desired company in the products and equipment you will need in today's competitive market.*

*IKA Treyler  
Chairman of the Board*



# SEMI TRAILER

## SEMI TRAILERS TECHNICAL SPECIFICATIONS

- Superstructure; 7.500 mm-9.500 mm front part is inclined, 2420 mm from the inside and 2550 mm from the outside, the side wall sheets are covered with "U". The tipper main chassis is formed by sealing 2 pieces of 200 NPU's mouth to mouth and boiling.
- Hydraulic cylinder; The damper movement is carried out with a 5-stage Heavy-type telescopic cylinder that provides a 45 ° tilt angle. The hydraulic oil tank has suction filter, damper pneumatic control, double speed lowering valve and limit control safety. The hydraulic connection between the trailer and the tractor is provided by 2 sockets.
- Chassis; Strengthened "I" section main chassis are welded with 120/12 mm lower and upper flat plate and 5 mm core sheet by automatic submerged arc welding machine. These chassis are supported by connecting to each other with traverses against torsion.
- Axle; 3 axles with 12 tons capacity are used. It has brake pads and heavy-duty type brake levers in accordance with TSE norms.
- Suspension; Automatic bellows unloading system, Parabolic double-layer Z shears and shock absorbers
- Front Axle Lift; Controlled front axle lifting system inside the cabin.
- Tires and Rims; 385/65 R 22,5 size 6 + 1 tubeless tire.
- Electrical Equipment; It complies with SAE standards and TUV general regulation. Electricity is taken from the vehicle with a 7-pin socket. There are traffic warning and lights on both sides. There are rear parking, stop, signal, license plate lights, trailer reflectors and orange warning lights on the sides.
- Brake System; According to EC Standards 71/320 / ewg brake system, Automatic brake ratchets, 2 service brake chambers with 4 help, 2S / 2M EBS against rollover, RSS (Balance Control System). Air leaks that may occur on the trailer are prevented with the Swedish patented Ruffels fitting system.
- King Pin; 2 "It is manufactured from forged steel (42 Cr Mo 4) in accordance with SAE / DIN norms. Because of screw connections, it is possible to change it practically.
- Paint; The chassis and superstructure are painted in the paint oven with Washing + Sanding + 2 + 1 coat Acrylic Paint.
- Color; It will be determined according to the customer request.
- Standard Accessories; Partial plastic fenders covering the rear axle group tires, 2 sheet metal tool boxes, Control Panel (Check-rust, air gauge, ramp handle), Plastic water tank, 1 spare wheel carrier with basket, Aluminum bicycle crash point, Chock and wedge place
- Optional Features; European axle group and all kinds of equipment, Imported sheet metal (Domex), NPI section main chassis arms, Base covered with MDF or complete sheet metal, Aluminum rim, Double spare wheel carrier, Additional axle lifting, Lifting bumper, Fire extinguisher cabinet and tube, Optional Depending on the cover additions, Optional tire brand, Optional RAL color codes.





# TIPPER SEMI TRAILER



## TIPPER SEMI TRAILER TECHNICAL SPECIFICATIONS

- **Superstructure;** The body of the tipper is made of steel sheet resistant to abrasion and impacts with a hardness of 450 HB. The rear cover is connected from the top with adjustable nail shafts, it is open from the bottom, it is closed. The body has a reinforced chassis at the bottom, there are plastic wedges on the points that touch the chassis to prevent noise and wear.
- **Hydraulic Cylinder;** The tipper movement is carried out with a 5-stage Heavy-type telescopic cylinder that provides a 45 ° tilt angle. The hydraulic oil tank has suction filter, damper pneumatic control, double speed lowering valve and limit control safety. The hydraulic connection between the trailer and the tractor is provided by 2 sockets.
- **Chassis;** Strengthened "I" section main chassis are welded with 120/12 mm lower and upper flat plate and 5 mm core sheet by automatic submerged arc welding machine. These chassis are supported by connecting to each other with traverses against torsion.
- **Axle;** 3 axles with 12 tons capacity are used. It has brake pads and heavy-duty type brake levers in accordance with TSE norms.
- **Suspension;** Automatic bellows unloading system, Parabolic double-layer Z shears and shock absorbers.
- **Front Axle Lift;** Controlled front axle lifting system inside the cabin
- **Tires and Rims;** 385/65 R 22,5 size 6 + 1 tubeless tire
- **Electrical Equipment;** It complies with SAE standards and TUV general regulation. Electricity is taken from the vehicle with a 7-pin socket. There are traffic warning and lights on both sides. There are rear parking, stop, signal, license plate lights, trailer reflectors and orange warning lights on the sides.
- **Brake System;** According to EC Standards 71/320 / ewg brake system, Automatic brake ratchets, 2 service brake chambers with 4 help, 2S / 2M EBS against rollover, RSS (Balance Control System). Air leaks that may occur on the trailer are prevented with the Swedish patented Ruffels fitting system.
- **King Pin;** 2 "It is manufactured from forged steel (42 Cr Mo 4) in accordance with SAE / DIN norms. Because of screw connections, it is possible to change it practically.
- **Paint;** The chassis and superstructure are painted in the paint oven with Washing + Sanding + 2 + 1 coat Acrylic Paint.
- **Color;** It will be determined according to the customer request.
- **Standard Accessories;** Partial plastic fenders covering the rear axle group tires, 2 sheet metal tool boxes, Control Panel (Check-rust, air gauge, ramp handle), Plastic water tank, 1 spare wheel carrier with basket, Aluminum bicycle crash point, Chock and wedge place
- **Optional Features;** European axle group and all kinds of equipment, Imported sheet metal (Domex), NPI section main chassis arms, Base covered with MDF or complete sheet metal, Aluminum rim, Double spare wheel carrier, Additional axle lifting, Lifting bumper, Fire extinguisher cabinet and tube, Optional Depending on the cover additions, Optional tire brand, Optional RAL color codes.





# FLATBED SEMI TRAILER WITH SIDE WALLS

## FLATBED SEMI TRAILER WITH SIDE WALLS TECHNICAL SPECIFICATIONS

- Superstructure; 9.000mm-13.600mm front straight line, inside 2440 mm outside 2550 mm width, Sides are 4 - 5 covers. The covers are connected from the outside and their height is 800mm-900mm. The base will be covered with a row of sheet metal and a row of wood. There are press-pressed "Z" sleepers placed at certain intervals on the base.
- Chassis; Reinforced "I" section main frames are welded from 120/12 mm lower and upper flats and 5 mm core sheet with automatic submerged arc welding machine. These chassis are supported by connecting to each other with traverses against torsion.
- Axle; 3 axles with 12 tons capacity are used. It has brake pads and heavy-duty type brake levers in accordance with TSE norms.
- Suspension; Parabolic double-deck Z shears and shock absorbers.
- Front Axle Lift; Controlled front axle lifting system inside the cabin
- Tires and Rims; 385/65 R 22,5 size 6 + 1 tubeless tire
- Electrical Equipment; It complies with SAE standards and Tüv general regulations. Electricity is taken from the vehicle with a 7-pin socket. There are traffic warning and lights on both sides. There are rear parking, stop, turn signal, license plate lights, trailer reflectors and orange warning lights on the sides.
- Brake Equipment; According to EC Standards 71/320 / ewg brake system, Automatic brake ratchets, 2 service brake chambers with 4 help, 2S / 2M EBS against rollover (Balance Control System). Air leaks that may occur on the trailer are prevented with the Swedish patented Ruffels fitting system.
- King Pin; 2 "It is manufactured from forged steel (42 Cr Mo 4) in accordance with SAE / DIN norms. Because of screw connections, it is possible to change it practically.
- Paint; Chassis and superstructure are painted in paint oven with Washing + Sandblasting + 2 + 1 coat Acrylic Paint.
- Color; It will be determined according to the customer's request.
- Standard Accessories; Partial plastic fenders covering the rear axle group tires, 2 sheet metal tool boxes, Control Panel (Check-rust, air gauge, ramp handle), Plastic water tank, 1 spare wheel carrier with basket, Aluminum bicycle crash point, Chock and wedge place
- Optional Features; European axle group and all kinds of equipment, Imported sheet metal (Domex), NPI section main chassis arms, Base completely covered with MDF or complete sheet metal, Aluminum rim, Double spare wheel carrier, Additional axle lift, Lift bumper, Fire extinguisher cabinet and tube, Optional Depending on the cover additions, Optional tire brand, Optional RAL color codes.





# LOWBED SEMI TRAILER



## LOWBED SEMI TRAILER TECHNICAL SPECIFICATIONS

- **Chassis;** The Low-Bed chassis is 20 mm x 150 mm (ST 52.3 A quality) lower and upper flat plate, 10 mm ST 52.3 core plate welded with a submerged welding machine. 4 pieces with "I" section. Chassis supported by 160 NPI cross members that cross the chassis from below
- **Axle;** 2 axles with a capacity of 12-14-16 tons are used. There are brake pads and heavy-duty brake levers in accordance with TSE norms with air suspension, stacked scissors, tandem suspension.
- **Suspension;** Parabolic double-deck Z spring, Masonry springs, tandem suspension
- **feet;** Front: 24 tons Mechanical trailer legs, Back: Manual support legs,
- **Rear Ramp;** Rear legs with air-hydraulic pistons made of 160 NPU,
- **Front Axle Lift;** Controlled front axle lifting system inside the cabin
- **Tires and Rims;** 8 + 1 tires are used in sizes 235/70 R 17.5, 245/70 R 17.5, 295/60 R 22.5, 12 R 22.5 315/80 R 22.5.
- **Electrical Equipment;** It complies with SAE standards and Tuv general regulations. Electricity is taken from the vehicle with a 7-pin socket. There are traffic warning and lights on both sides. There are rear parking, stop, turn signal, license plate lights, trailer reflectors and orange warning lights on the sides.
- **Brake System;** According to EC Standards 71/320 / ewg brake system, Automatic brake ratchets, 2 service brake chambers with 4 help, 2S / 2M EBS against rollover (Balance Control System). Air leaks that may occur on the trailer are prevented with the Swedish patented Ruffels fitting system.
- **King Pin;** 2 "It is manufactured from forged steel (42 Cr Mo 4) in accordance with SAE / DIN norms. Because of screw connections, it is possible to change it practically.
- **Paint;** Chassis and superstructure are painted in paint oven with Washing + Sandblasting + 2 + 1 coat Acrylic Paint.
- **Color;** It will be determined according to the customer's request.
- **Standard Accessories;** Partial plastic fenders covering the rear axle group tires, 2 sheet metal tool boxes, Control Panel (Check-rust, air gauge, ramp handle), Plastic water tank, 1 spare wheel carrier with basket, Aluminum bicycle crash point, Chock and wedge place
- **Optional Features;** European axle group and all kinds of equipment, Imported sheet metal (Domex), NPI section main chassis arms, Base completely covered with MDF or complete sheet metal, Aluminum rim, Double spare wheel carrier, Additional axle lift, Lift bumper, Fire extinguisher cabinet and tube, Optional Depending on the cover additions, Optional tire brand, Optional RAL color codes.



# DROPE SIDE TIPPER SEMI TRAILER

## DROPE SIDE TIPPER SEMI TRAILER TECHNICAL SPECIFICATIONS

- Superstructure; 9.000mm-13.600mm front straight line, inside 2440 mm outside 2550 mm width, Sides are 4 - 5 covers. The covers are connected from the outside and their height is 800mm-900mm. The base will be covered with a row of sheet metal and a row of wood. There are press-pressed "Z" sleepers placed at certain intervals on the base.
- Chassis; Reinforced "I" section main frames are welded from 120/12 mm lower and upper flats and 5 mm core sheet with automatic submerged arc welding machine. These chassis are supported by connecting to each other with traverses against torsion.
- Axle; 3 axles with 12 tons capacity are used. It has brake pads and heavy-duty type brake levers in accordance with TSE norms.
- Suspension; Parabolic double-deck Z shears and shock absorbers.
- Front Axle Lift; Controlled front axle lifting system inside the cabin
- Tires and Rims; 385/65 R 22,5 size 6 + 1 tubeless tire
- Electrical Equipment; It complies with SAE standards and Tüv general regulations. Electricity is taken from the vehicle with a 7-pin socket. There are traffic warning and lights on both sides. There are rear parking, stop, turn signal, license plate lights, trailer reflectors and orange warning lights on the sides.
- Tipping system; drop side tipping system.
- Brake Equipment; According to EC Standards 71/320 / ewg brake system, Automatic brake ratchets, 2 service brake chambers with 4 help, 2S / 2M EBS against rollover (Balance Control System). Air leaks that may occur on the trailer are prevented with the Swedish patented Ruffels fitting system.
- King Pin; 2 "It is manufactured from forged steel (42 Cr Mo 4) in accordance with SAE / DIN norms. Because of screw connections, it is possible to change it practically.
- Paint; Chassis and superstructure are painted in paint oven with Washing + Sandblasting + 2 + 1 coat Acrylic Paint.
- Color; It will be determined according to the customer's request.
- Standard Accessories; Partial plastic fenders covering the rear axle group tires, 2 sheet metal tool boxes, Control Panel (Check-rust, air gauge, ramp handle), Plastic water tank, 1 spare wheel carrier with basket, Aluminum bicycle crash point, Chock and wedge place
- Optional Features; European axle group and all kinds of equipment, Imported sheet metal (Domex), NPI section main chassis arms, Base completely covered with MDF or complete sheet metal, Aluminum rim, Double spare wheel carrier, Additional axle lift, Lift bumper, Fire extinguisher cabinet and tube, Optional Depending on the cover additions, Optional tire brand, Optional RAL color codes.





# LIVESTOCK TRANSPORT SEMI TRAILER



## LIVESTOCK TRANSPORT SEMI TRAILER

- Installation Tool; Live animal loading and unloading platform. Anti-skid bottom 5 right and left cover guard to prevent animals from slipping.
- Chassis; It will be made of st-52 material and there will be a sub-chassis under the body to which the axle group and hydraulic jack foot group are connected. Chassis arms lower flange will be made of 15x120 mm, core 5 mm St 52.3 material and will be connected to each other with sufficient number of sleepers. It will be ensured that the base sheet will also receive support from the lower chassis arms. In the front, there will be the fifth wheel sheet made of 10 mm thick St 52.3 material and a king-pin of at least T size made of 42 crmo4 steel in DIN 740B3 standard.
- Axle; a, there will be 3 (three) double scissor axle with a capacity of 12 tons. b. Automatic brake will be ratchet. c. The front axle will be of the inside-controlled front ear folded bellows type. d. It will be manufactured as a ten axle lifting system.
- Suspension; It will be air bellows suspension type.
- Front Axle Lift; Controlled front axle lifting system inside the cabin
- Tires and Rims; There will be a suitable number of tires and rims for the suspension system. There will be 385/65 R22.5 tires and suitable rims. 1 spare tire and rim of each vehicle will be delivered to the administration together with the vehicle.
- Electrical Equipment; The electrical equipment will be arranged in accordance with the original socket system on the tractor. There will be electrical equipment in accordance with SAE norms and highway traffic regulations. b. Socket with pins suitable for the original pin system on the tractor. There will be three side lights on each side, two orange reflectors on each side. There will be stop, signal, parking, license plate lights on the rear. c. There will also be a night work area lighting lamp and a yellow rotary lamp. d. 7 pin socket, three side lights on each side, two orange reflectors on each side, rear stop, 5 signal, parking, license plate lights, e.
- Brake Equipment; There will be a two-line (service and emergency) air brake equipment in accordance with a. Sea norms. b. There will be air couplings and automatic servo distributor. c. There will be 2 air tanks with a minimum capacity of 40 liters, d. EBS will be a brake system. e. Respective and service (color bellows will be used. There will be brake bellows with 130 limbs.
- Jack Settings; There will be two front and two back (independent front and rear) four parallel working, hydraulically controlled heavy duty type jacking feet with wide lugs.
- Hydraulic Equipment; The hydraulic equipment will consist of one of the hydraulic pumps connected to the diesel engine and the pto, an oil tank of 190 impulse, two rear cover opening cylinders, hydraulic legs at the front and rear, one curtain cylinder and one curtain sequencing lock cylinder and electro-hydraulic valve that sends oil to them. It will work automatically with electric wired and manual valves (with two options).
- Color; It will be determined according to the customer's request.



## TANKER SEMI TRAILER

## GARBAGE TRUCKS





## CONTAINER CHASSIS



## BULK CEMENT TANKERS





Semi trailers  
Tipper semi trailer  
Flatbed semi trailer  
Container chassis  
Garbage trucks  
Animal transport semi trailer  
Drop side tipper semi trailer  
Lowbed semi trailer  
Tanker semi trailer  
Bulk cement tankers

# **İKA TRAILER**

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