

WE DELIVER THE FUTURE  
The Container Chassis

 **KRONE**  
*We Deliver the Future*



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## PLENTY OF SPACE FOR YOUR CARGO. THE RIGHT TRAILER FOR EVERY CHALLENGE.

WE OFFER YOU OPTIMAL SOLUTIONS FOR ALL TRANSPORT REQUIREMENTS. DISCOVER OUR PRODUCTS WHICH SET REAL STANDARDS IN TERMS OF INNOVATION AND QUALITY. A RANGE OF TRAILERS WHICH ENSURE VALUE STABILITY AND ARE ALSO PRACTICAL AND USER-FRIENDLY.

Always a good solution – the right vehicle for every application: From the Profi Liner, an all-rounder, to specialist vehicles such as the Paper Liner or Coil Liner, we offer you flatbed semitrailers for every situation and with different specifications. Maximum volume in our Mega Liner, special load securing equipment in our Paper Liner or Coil Liner. KRONE knows what transport professionals need and therefore takes practical details into account.

The Coffe-type semitrailers from KRONE are for professionals from professionals. With our Dry Liner and Cool Liner, you are ideally prepared for all refrigerated, fresh or dry goods transport. From transporting flowers, through meat hanging and doubledeck, to multi-temperature insulating partitions, there are also numerous variants for you, the customer, to choose from.

Sturdy and multi-functional – these are the characteristics of KRONE'S Container Chassis and swap bodies. Practical, versatile and easy to use – these criteria are found in both the chassis and the swap-bodies. And last, but not least, KRONE also considers an aerodynamic design.

Trailers and superstructures round off the diverse product range of KRONE. Simple and safe handling, tested components, first-class manufacture as well as the long-term protection provided by the cathodic dip coating plus powder make KRONE vehicles an investment which pays off in every case.



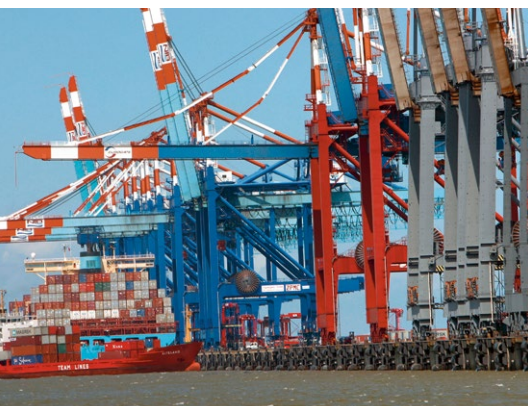






## WORLD CLASS WHEN IT COMES TO BOXES. THE KRONE CONTAINER CHASSIS.

CONTAINER TRANSPORTERS MUST WITHSTAND A GREAT DEAL. OUR BOX LINERS ARE DESIGNED SO THAT NOT EVEN THE LARGEST LOADS CAN DEFEAT THEM. THE HARSH REALITY OF CONTAINERS CONFRONTED EVERYDAY ARE MASTERED WITH MANY INTELLIGENT FUNCTIONS. TOP TECHNOLOGY THAT ENSURES HIGH LEVELS OF EFFICIENCY.



## IT CAN CARRY EVERYTHING FLEXIBLY. THE BOX LINER.

IT CARRIES EVERYTHING AND ALWAYS BRINGS YOUR CARGO SAFELY TO THE DESIRED DESTINATION. KRONE'S CONTAINER CHASSIS ARE DURABLE, VERSATILE AND WELL THOUGHT-OUT. EVERYDAY LOADS FROM THE WORLD OF TRANSPORT ARE DEALT WITH EASILY.

### **An easy game in a tough business**

Container transport is a tough business. The frequent changeovers must function efficiently, meaning that the trailer has to withstand a lot. This is an easy game for the KRONE Box Liner, as the container chassis are mobile and stable at the same time. Fitted with many of the typical KRONE elements, such as folding supports or rotary latches, the many challenges can be dealt with quickly.

### **A wide range – in all sizes**

Gooseneck or short-chassis with two or three axles for 20 foot containers: The Box Liner is available in a number of versions. It is also available as a universal chassis for all sizes of containers from 20 to 45 feet, with a short tunnel, long tunnel, or without a tunnel. These practical designs, from two-axle to 45 foot chassis, give you the right answer for every challenge.









## BOX LINER. PRODUCT FEATURES.



### **Type eLTU4.**

The Box Liner eLTU4 is a gooseneck chassis for transporting containers from 20 to 40 ft. The rear is pneumatically extendable.



### **Collision protection.**

The side collision protection is located behind the axle unit on the rigid Box Liner configured for transporting 40 ft containers.



### **Three-axle Box Liner.**

The specialist for heavy 20-foot containers with 24 or 27 tonne assembly load.



### **Two-axle Box Liner.**

The two-axle Box Liner is the specialist for transporting 20-foot containers and is available with 18 or 20 tonne assembly load.



### **Pneumatic extensions.**

The Box Liner eLTU5 Plus transports all container sizes from 20 to 45 ft. It is equipped with a pneumatic rear extension as well as with a manual front extension.



#### **Sophisticated rear extension.**

The rear is pneumatically extended by pressing a button. Pictograms indicate the required locking position for the operator. Spring washers ensure smooth movement of the extendable rear section.



#### **Fold-out underrun protection.**

When transporting 45-foot containers, the underrun protection is simply folded out and thus ensures adherence to the legal guidelines for transport of 45-foot containers.



#### **Simple front extension handling.**

Via a central locking system, the front extension of the eLTU5 Plus can be simply operated. A spring-suspended roller bearing is mounted here, as well.



#### **Various size adjustments.**

The front container locking on the Box Liner eLTU5 Plus can be adjusted for containers with and without tunnel as well as straight or radiused corners.



#### **Easily accessible control unit.**

The control unit for the pneumatic extension is located near the rear, but securely between the first and second axles.





## BOX LINER. PRODUCT FEATURES.



### **Screwed-on side collision protection.**

The side collision protection is firmly screwed to the frame and powder-coated in white for safety reasons. Foldable execution available for use with accessories.



### **QuickLock – fast and easy.**

QuickLock is a locking system for the safe transport of containers. The locks close automatically and are mounted in place of the conventional container locks on the chassis. Due to the weight of the container the QuickLock mechanism will automatically lock and secure the container perfectly on the chassis.



### **Quality locks.**

The container locks are made by well-known manufacturers. This guarantees simple handling, quick replacement, and low life cycle costs.



### **Container transport without tunnel.**

Height-adjustable twist locks and foldable spacer blocks allow the transport of container without a tunnel. The transport blocks can be moved into transport position by hand.

### **GenSet.**

The temperature controlled transport of refrigerated containers is facilitated by a GenSet unit (optionally from Genmark, Carrier or Thermoking). The GenSet unit is equipped with its own fuel tank to ensure that the cold chain is maintained during road transport.

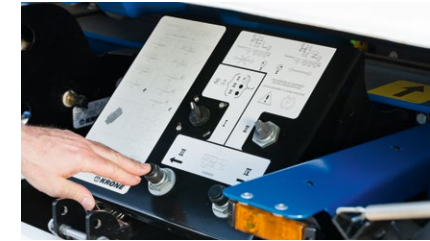


## THE BOX LINER SDC 27 ELTU6. FOR INTERNATIONAL USE.



### Short or long - you decide.

Robust, innovative, flexible and unique simple: With the Box Liner SDC 27 eLTU6 20-ft. containers can be comfortably transported in the middle and flush loaded and unloaded at the rear. Thereby, the chassis slides in and out powered by the tractor unit.



### The new comfort.

The container size of the transported container will be selected via a control panel. The Box Liner eLTU6 is suitable for the transport of 20 to 45-ft. containers.



### Die Highlights:

- » Rear flush loading and unloading of 20-ft containers
- » Optimum, centre loading 20 foot containers.
- » Optimal load distribution leads to excellent handling characteristics.
- » Compliance with the legal regulations in cross-border traffic.
- » Easy handling while moving the chassis.
- » Suitable for all standard container sizes due to front and rear extensions.
- » Reduced tyre wear.





## THE BOX LINER SDC 27 ELTU70. THE NEW FLEXIBILITY.



### **Light and multi-functional.**

The new eLTU70 container chassis can take all sizes of container. In addition, with the various wheel gauges and carrier positions, it is possible to adjust the load distribution on 2 and 3-axle semitrailer tractors. The vehicle stands out with its relatively low dead weight and higher stability.





## THE BOX LINER SDC 27 ELTU70. PRODUCT FEATURES.



### Position 20-foot flush with the rear.

Improved load distribution and simple loading and unloading of the 20-foot containers on the ramp is ensured in this position.



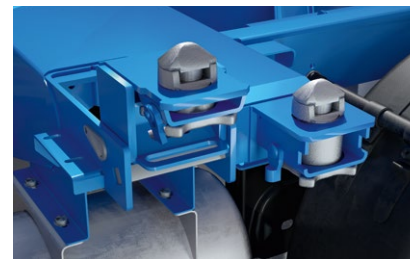
### Position 45 foot.

45-foot EC containers can be transported optionally with extended front extension without special permission.



### Front locking.

The new front locking mechanism allows containers to be fixed with and without tunnel as well as with straight or radised corners. The greatest value has been placed on a simple operation.



### Folding lock.

The increased attention for a simple operation is also represented here. For the transport of 2 x 20-foot containers, the folding lock is simply folded up and when it is not required it is easily folded back in the park position.



### Pre-selectable wheel gauge.

The wheel gauge can easily be pre-selected using an engage function. The different container positions are marked with a colour and are also found at the rear and on the optional front extension.

### The highlights:

- › Suitable for all conventional container sizes, and still easy to operate.
- › Loading and unloading 20-foot containers flush to the rear.
- › Optimum load distribution and thus, outstanding driving properties.
- › Intuitively operated front unlocking on the front extension.
- › Shorter wheel gauge for heavy 40-foot containers and use of a two-axle tractor unit.







## TRADITION AND INNOVATION. ROBUST VISIONS AND IDEAS SECURE THE COMPANY FOR THE FUTURE.

QUALITY AND INNOVATION HAVE BEEN AT THE FOCUS OF THE KRONE CORPORATE PHILOSOPHY FOR 110 YEARS. THIS APPROACH CONTINUES TO BE SYSTEMATICALLY APPLIED TO THIS DAY. WE ALWAYS RELY ON ROBUST, PRACTICAL AND EFFICIENT FEATURES FOR OUR PRODUCT LINES. WE OFFER A COMPREHENSIVE RANGE OF SERVICES SO THAT YOU AND YOUR TRAILER ARE ALWAYS ON THE SAFE SIDE.

### **Sturdy and profitable**

Our trailers are based on a solid welding process and stable equipment. And our innovative practical transport solutions leave nothing to be desired in terms of their practicality and loading efficiency. The overall result: maximum efficiency at minimum cost.

### **“All in KRONE” – everything from a single source**

Behind the “All in KRONE” trailer concept hides, among other things, the complete KRONE trailer. All parts have a KRONE reference number, this means that we are able to help you quicker in all matters relating to service, maintenance and spare parts.

### **First-class features, Europe-wide safety**

You can opt for equipping with KRONE parts or the integration of components made by other manufacturers. In every case, you will get a trailer with first-class features and the security that comes from the ability to rely on a Europe-wide service network. Our quality requirements do not stop with our trailers. We see ourselves as being a service provider for everything to do with the trailers. This means that the accompanying services we offer are tailor-made to meet your requirements.



## UNLIMITED SERVICE. PRODUCTION LOCATIONS / SALES COMPANIES





#### **Sales:**

- KRONE national representations

#### **Production sites:**

##### **Flatbed semitrailers and trailers**

Fahrzeugwerk Bernard Krone GmbH & Co. KG  
Bernard-Krone-Straße 1  
49757 Werlte, GERMANY

##### **Swap systems**

Brüggen Oberflächen- und Systemlieferant GmbH  
Boschstraße 4  
49770 Herzlake, GERMANY

##### **Box body semitrailers**

Brüggen Fahrzeugwerk und Service GmbH  
Geschwister-Scholl-Straße 15  
19249 Lübtheen, GERMANY

##### **Trailer axles**

gigant - Trenkamp & Gehle GmbH  
Märschendorfer Straße 42  
49413 Dinklage, GERMANY

##### **Flatbed semitrailers**

Krone Ticari Araçlar San. ve Tic. A.Ş.  
İbni Melek Mh. Organize Sanayi Bölgesi  
2.Sk. No:1 / 35900 Tire / İzmir / Türkiye

KRONE Sales  
International  
can be found here



## TECHNICAL DATA.

TYPE	BOX LINER				
	TYP SDC 27 eLU	TYP SDC 27 eLT3	TYP SDC 27 ELT3 40'	TYP SDC 27 eLTU4	TYP SDC 27 eLTU5 PLUS
King pin load	14,000 kg	14,000 kg	14,000 kg	14,000 kg	14,000 kg
Axle load (technically possible)	27,000 kg	27,000 kg	27,000 kg	27,000 kg	27,000 kg
Allowable gross weight (technically possible)	41,000 kg	41,000 kg	41,000 kg	41,000 kg	41,000 kg
Tare weight, approx.	5,300 kg	4,760 kg	3,920 kg	5,030 kg	5,440 kg
Payload (technically possible), approx.	35,700 kg	36,240 kg	37,080 kg	35,970 kg	35,560 kg
Axle spread	1,410/1,310 mm	1,410/1,310 mm	1,410/1,310 mm	1,410/1,310 mm	1,410/1,310 mm
Neck height	70 mm	130 mm	130 mm	130 mm	130 mm
5th wheel height, unloaded	1,050 mm	1,100 mm	1,100 mm	1,100 mm	1,100 mm
Distance kingpin - rear end	11,275 mm	11,414 mm	11,414 mm	11,414 mm	12,000 mm
(45' short tunnel)	12,000 mm				12,760 mm
(45' long tunnel)	12,000 mm				12,000 mm

Dimensions and weights for standard units.



TYPE	BOX LINER					
	TYP SDC 27 eLTU6	TYP SDC 27 ELTU70	TYP SZC 18 eL20'	TYP SZC 20 eL20'	TYP SDC 27 eL40'	TYP SDC 27 eL45'
King pin load	14,000 kg	16,000 kg	12,000 kg	12,000 kg	12,000 kg	14,000 kg
Axle load (technically possible)	27,000 kg	27,000 kg	18,000 kg	20,000 kg	27,000 kg	27,000 kg
Allowable gross weight (technically possible)	41,000 kg	41,000 kg	30,000 kg	32,000 kg	39,000 kg	41,000 kg
Tare weight, approx.	5,900 kg	ca. 4,580 kg	2,800 kg	3,030 kg	5,200 kg	4,760 kg
Payload (technically possible), approx.	35,100 kg	ca. 36,420 kg	27,200 kg	28,970 kg	33,800 kg	36,240 kg
Axle spread	1,410 / 1,310 mm	1,410 / 1,310 mm	1,310 mm	1,810 mm	1,410/1,310 mm	1,410/1,310 mm
Neck height	130 mm	130 mm	147 mm	147 mm	147 mm	70 mm
5th wheel height, unloaded	1,130 mm	1,100 mm	1,150 mm	1,150 mm	1,150 mm	1,050 mm
Distance kingpin - rear end	12,000 mm	12,150 mm	6,750 mm	6,750 mm	11,025 mm	11,275 mm
(45' short tunnel)	12,760 mm	12,775 mm				12,000 mm
(45' long tunnel)	12,000 mm	12,150 mm				12,000 mm





Production facility Werlte (Germany)



Production facility Herzlake (Germany)



Production facility Dinklage (Germany)



Production facility Lübtheen (Germany)



Production facility Tire (Turkey)



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