EFFICIENCY IS A MATTER OF PRINCIPLE.
THE CARRIER SYSTEM.

KRONE IS THE LEADING SUPPLIER OF HIGHLY EFFICIENT AND ROBUST SWAP SYSTEMS. THE REASON FOR THIS: THE BOX CARRIER CHASSIS, THE STEEL AND CURTAIN BOXES. ALL HAVE EXTREMELY RESISTANT, FLEXIBLE, AND FUNCTIONAL EQUIPMENT TO ENSURE SMOOTH OPERATION EVEN WITH HIGH SWAP CYCLES.
FOR BOXES THAT ARE PERFECTLY ON THE MOVE.

THE CARRIER SYSTEM.

COMPETENT ANSWERS TO ALL QUESTIONS CONCERNING EFFICIENT SWAP CYCLES. TOGETHER WITH OUR COMPETENT PARTNER BRÜGGEN, WE PRODUCE SWAP SYSTEMS WHICH PERFECTLY MEET THE REQUIREMENTS OF EVERYDAY TRANSPORT BUSINESS.

An unique swap system.

With our modular system for transports, you will find tailor-made solutions for any requirement. For whether simplified platform procedures, manoeuvring safety or series components equipment are concerned; also chassis, steel boxes, and curtain boxes of the carrier system convince by the mature KRONE quality.
THE CHASSIS THAT REALLY STANDS OUT. THE BOX CARRIER.

The solid basis of the carrier modular system. The KRONE chassis are extraordinarily solid and are therefore specially designed for the hard day-to-day operation with high swap cycles. They do not only convince customers by their simple and very solid design, but also offer numerous equipment details, which can be handled straightforward with any load.

The Box Carrier that willingly takes on everything. There are many good reasons for the quality leadership of the KRONE swap systems. One important reason is that they feature the same sophisticated basic equipment as all KRONE trailers. The chassis are especially torsion resistant and sturdy. And all other equipment details, too, meet the high standards which characterize the modern KRONE trailer build: cataphoretic painting plus powder coating in your company colour as long-term corrosion protection, chassis, braces, light and air systems completely designed and produced by well-known large series manufacturers. And the entire vehicle as a modular system with numerous possible variations.

Some of the versatile KRONE box carrier.

The Profi Box Carrier is designed for a parking level of 1,220 and 1,320 mm, which is standard for swap body transports.

The Profi Box Carrier in central-axle design takes up swap bodies of the sizes C715, C745 (optionally with buffer C782). It is designed for parking levels of 1220 to 1320 mm.

The Profi Box Carrier B7 is built for transporting high-volume swap bodies. It is designed for parking levels of 1020 to 1320 mm.

The Mega Box Carrier in central-axle design is built for transporting high-volume swap bodies. It is designed for parking levels of 1,020 and 1,320 mm.

The Multi Box Carrier is fitted with flexible twist locks. It is designed for parking levels of 970 to 1320 mm (alternatively 920 – 1270 mm).
Sophisticated swap solution.
The slants of the longitudinal beams at the rear facilitate connection on uneven ground if the centring tunnels of the swap bodies are lower than for the chassis frames can enter.

Adjustable centring rollers.
Adjustable centring rollers also allow the transport of ISO containers.

Low-maintenance equipment.
Low-maintenance towing eye and draw bar with low noise bushings and height-adjusting device acc. to UVV (German accident prevention regulations).

Adjustable centring rollers.
Ball bearing centring rollers made of steel simplify the loading operations.

Screwed drawbar.
The drawbar is screwed to the chassis. This reduces cost in case of replacement. The towing ring is screwed eightfold and thus is sufficiently secured.

Solid stops.
Folding solid stops allow accurately swap operations.

Functional guide tunnel.
The slanted front of the guide tunnel facilitates the drive in of the longitudinal centring rollers and reduces damages during superstructure change routines.

Screwed drawbar.
The telescoping draw bar for different coupling positions on tractors (optional).

Lateral setting valves.
Setting valves protruding on the sides make working safer during swap operations.

Well-known series components.
The twist locks, too, are produced by well-known large series manufacturers.

Equipment of central axle trailers.
The central axle trailer is well suited for high-volume and standard swap bodies with height-adjustable twist locks and fold-away spacers, both equipped with comfortable turn mechanism.

Central axle trailer.
Centring rollers made of steel.

Orderly lines.
The blind storing couplings for all supply conduits ensure good order and avoid damage during shunting.

Rear landing leg.
Additional landing legs at the rear with bolt locking serve as supports for the vehicle in case of loading/unloading from the rear. Thus the trailer connection is prevented from damage.

Spare wheel holder.
Swap trailers for high-volume transports are equipped with a winch-type spare wheel holder.

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INDESTRUCTIBLE AND ECONOMIC. 
THE SWAP STEEL BOXES.

STEELY WHERE ECONOMIC TRANSPORTS ARE CONCERNED. KRONE STEEL BOXES SAVE YOUR LIFE CYCLE COSTS. IF STURDINESS AND ECONOMY ARE CONCERNED, KRONE ONCE MORE IS THE PRECURSOR. FOR YEARS, WE HAVE BEEN BUILDING SWAP BODIES AND STEEL BOXES WITH EXEMPLARY QUALITY REGARDING CORROSION PROTECTION AND COATING, WHICH PROVIDE FIRST-CLASS VALUE PRESERVATION.

In addition, the box equipment pays for road transports with high average speeds. The smooth side walls reduce fuel costs due to low air resistance, at the same time, they can be easily labelled and cleaned. Of course there are a lot of practical detail solutions that you can count on.

**STEEL BOXES**

150 mm high floor group = 50 mm more inner height!

Variable interior equipment. Optionally, several inner wall designs can be combined. Keyhole side walls with plywood inlays or plywood with load securing rails in the desired number and fitting height.

Equipment for transporting textiles. For transporting textiles, the equipment with roller shutter, keyhole side walls and empty rail support is recommendable. It also comprises a dust-protection curtain and a condensation water tank.

Versatile folding tables. Practical solution for small package service: folding tables integrated in the side walls. In folded-in position, they provide keyhole profile for load securing; the full pallet width is retained.

Translucid plastic roof. Better sight for loading and unloading operation is offered by the translucid plastic roof. Optionally only partial segments of this design can be used.

Doubledeck equipment. Doubledeck equipment is reasonable for utilising the container volume. In combination with the keyhole side walls, it offers optimum load securing.

Corrugated side walls. The hard-wearing steel box with corrugated side walls is particularly suited for a high railway transport portion, where trucks are only used for transports to and from the railway station.

Roller shutter equipment. For rapid loading cycles it is recommended to equip the box with roller shutters. The KRONE roller shutters are licensed by the German Railways.

Plywood equipment. Plywood swap bodies are equipped with rails for load securing which are attached surface mounted.

Functional corner protection. Double corner castings are particularly suited if chassis for 7,15 m loading length are used.

Smooth front and side walls. Smooth front and side walls are easy to clean and reduce fuel costs owing to their low wind resistance.
Air Cargo Box.
The box has five pneumatic roller conveyors that can be raised or lowered, in two sections, independent of one another. The rollersystem has lift of approx. 11 mm and is designed for a load capacity of 550 kg per meter. The operator console is provided laterally at the rear frame.

Multi Switch.
The load securing system Multi Switch is ideal for securing air freight containers. It enables securing cargo in direction of movement and against it.

Securing air freight containers.
Pallet stops anchored in floor serve in securing cargo. Their positions are selected in a way that either two containers, one behind the other, or one container centrally (due to even of load distribution), are secured properly.

Cool Box Duoplex Steel.
With the new Cool Box Steel KRONE rounds up its programme of insulated body assemblies. The proven Duoplex Steel technology is used here. Solid and technically mature up to the last detail. The body assembly combines the advantages of an exchangeable unit with an insulated body assembly. The body of the box is produced with single piece steel sheets and the foamed floor group is specially reinforced. Even the interiors offer solutions for every type of transportation. Lashing rails (single piece or parted between double deck rails) fitted for securing cargo or double deck-equipment are part of the delivery programme – the same as you know from Cool Liner Duoplex. A low-noise floor made of aluminium meets the requirements of noise reduction. Only the 260 mm thick, weight-optimised floor allows 2,600 mm internal height as standard at a tare weight weight of only about 3,490 kg (without cooling unit). Solid and cost-effective to the last detail. Here you have the right answer to every transport assignment.

Dry Box Duoplex Steel.
The Dry Box Duoplex Steel is the swap body for fresh goods. With light gauge insulation and single piece side walls made from impact-resistant Duoplex steel panels, it offers a high degree of insulation at a panel thickness of only 30 mm. Recessed double deck rails and continuous or parted load securing rails offer high transport efficiency and best possible options to secure cargo. 300 mm high kick strips and 30 mm plywood floor provides stability and high degree of load carrying capacity.
FOR PROPER PLANNING.
THE SWAP CURTAIN BOXES.

WHEN PLANNING IS CONCERNED, FLEXIBILITY IS NEEDED. IN THE FIELD OF CURTAIN BOXES, KRONE DOES NOT LEAVE ANYTHING TO BE DESIRED. WHETHER WITH SOLID ROOF, HAMBURG ROOF OR CURTAIN SLIDING ROOF, WITH SIDE WALLS, WITH CURTAINSIDER OR DROP SIDED CURTAINSIDER, WHETHER 7.15, 7.45, 7.82, OR 13.6 M LENGTH AND PARKING LEVELS OF 1,000 TO 1,320 MM: THERE IS THE RIGHT CURTAIN BOX AVAILABLE FOR ANY APPLICATION.

Naturally in the proven KRONE quality: certified acc. to EN 283/284, with long-term protection for the steel compon- ents, and with reasonable detail solutions. For example as steel box with side curtain equipment and drop sides. Or as steel box with curtainsider equipment for system transpor ts.

Simple sliding roof operation.
The sliding roof features a pneumatic-spring-support-ed rear-end cross-beam for a simple operation from the ground. Sliding roof and curtain fabrication are tested acc. to EN 283 for combined transport.

Extra-long swap body.
When more length is required: the 13.6 m long swap body with sliding curtain equipment. Transported on a Box Liner eLTU 5 Plus.

Mega equipment.
The Mega curtain box is equipped with a simple-to- operate hand lever lifting roof. Optionally, also available with hydraulic lifting roof.

Professional swap body.
The Profi Box is the stand- ard swap body with drop sides and small double- wing doors at the rear.

Wide range of series equipment.
Hamburger roof system, drop sides, wooden planks, and the protected front wall are standard equipment of the Profi Box.

Mega floor.
For high volume swap bodies, the floor plates are laid between the cross-members of the frame. As a standard fea- sure, the frame has been provided with lashing rings at a distance of 100 mm.

Movable side post.
The simple handling of the movable side post via one-hand operation facili- tates loading and unloading. (Other side post designs are available as options.)

Highest stability.
Solid grapple r pockets withstand even very high amounts of swap opera- tions.

Reinforced centre posts
As an optional feature, the centre posts can also be reinforced.

FOR PROPER PLANNING.
THE SWAP CURTAIN BOXES.