



THE KRONE TRAILER AXLE





KRONE STANDS FOR TRAILERS
WHICH SET THE BENCHMARK.
KRONE TRAILER AXLE.

This is why KRONE will also offer you their own axle and thus, the complete trailer from one source. For you, this means: only one contact partner for service, maintenance and repairs. More good reasons and benefits for the KRONE Trailer Axle can be found on the following pages. And then, soon, also underneath your own trailer.

Minimum life cycle costs.

KRONE Trailers also take you to your destination economically: the highest quality and sophisticated transport solutions reduce the life cycle costs to a minimum. And, thus, ensure for maximum economical efficiency.

KTL plus powder.

The surface of the chassis is given the best possible protection by the cathodic dip painting with subsequent powder coating.

Superstructure strength.

The chassis of KRONE trailers are welded. This makes them robust and offers optimal load-bearing capacity. Thus the chassis can withstand fast and frequent loading and unloading cycles.

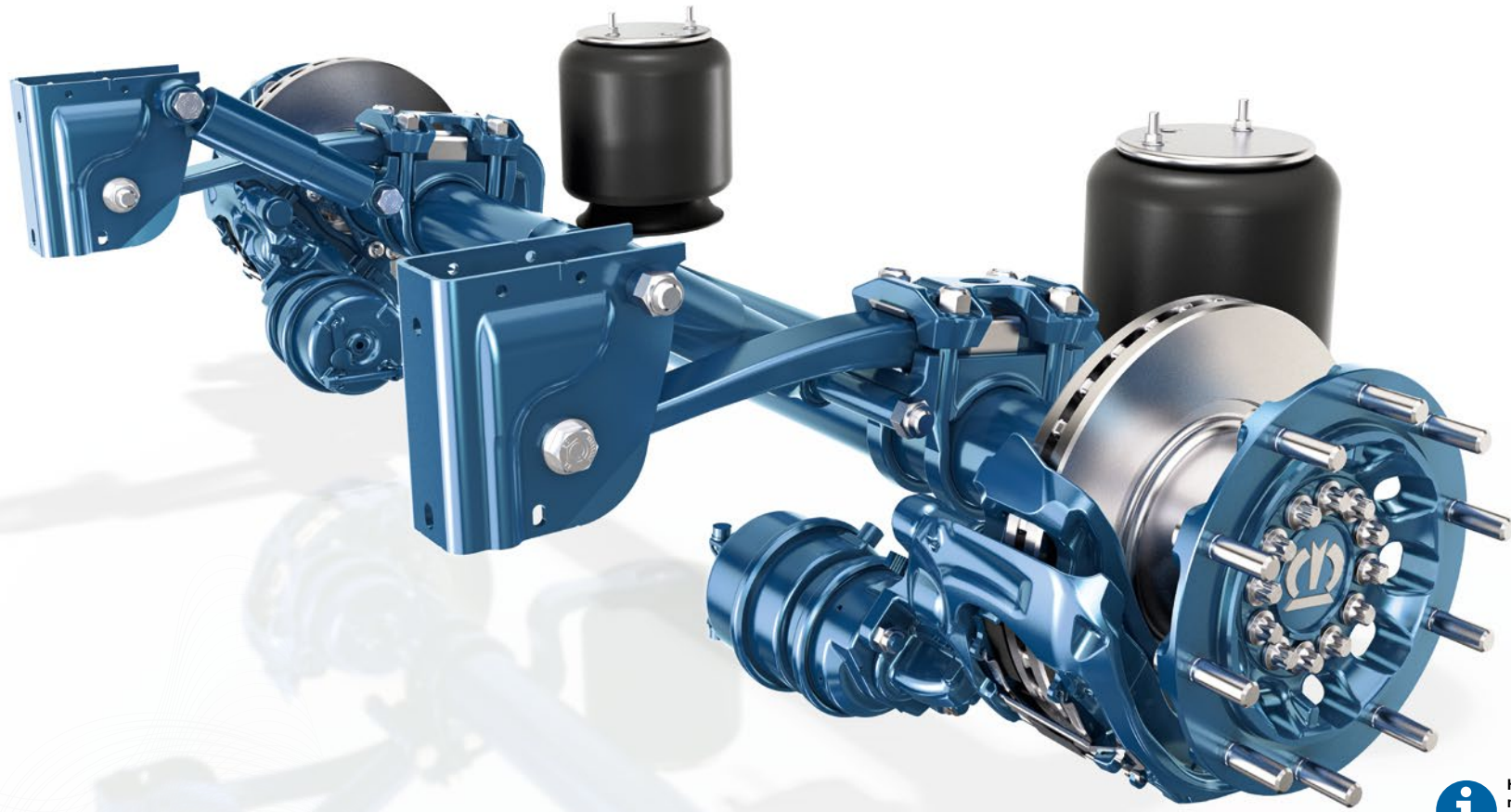
Flexible load securing.

With the certified Multi Safe System, all demands on transport safety can be solved in a flexible, practical and reliable manner. The best way for safe loading.

Always at your side.

We support you and provide you with services throughout Europe. Our services can be relied on: Financing models, telematics systems, after-sales support and full-service packages.

Be it above or below the load bed: Your benefits have priority at KRONE.



Here you can find more information about the KRONE Trailer axle





QUALITY THAT PAYS
OFF FOR YOU.
KRONE TRAILER AXLE.

Manufactured for a long trailer life.

Low life-cycle costs are in your interest. Quality and durability are the top priorities for the KRONE trailer axle. The chassis is the reliable basis for long-lasting trailers.

A higher level of efficiency.

With precision workmanship and an attention to detail, we bolt chassis, axles and brake systems, we mount tyres and the superstructure to produce the finished KRONE trailer. Accordingly KRONE trailers are robust, user-friendly and profitable.

Tested and found suitable for long-term use.

No trailer that we are not 100 percent sure of leaves our production facilities. Together with partners and research institutes, we have tested the KRONE trailer axle under the most rigorous conditions. With success: Our axles impress in every aspect.

Low maintenance up to 6 years with no mileage limit.

We promise quality and deliver it. A check during your yearly general inspection suffices and we provide a 6-year guarantee on the KRONE trailer axle with disk brakes, including no mileage limitation on the bearings and axle body.

Flexibilität durch Varianten.

The KRONE Trailer axle is available with disc brakes in 19.5" and 22.5", with drum brakes in 420 x 180 mm as well as in 360 x 200 mm. The air spring units are designed for the brake variants of all KRONE trailers. The bolted version of the axle lift (Twinlift) can be easily retrofitted. In addition to the tried and tested axles for the road, KRONE also offers a reinforced version, as well as versions for the railway. We optimally equip your trailer – completely in line with the demands of your day-to-day transport.





KRONE TRAILER AXLE. SERVICE THAT YOU CAN COUNT ON.

You can also rely on audited KRONE Service Partners throughout the whole of Europe. A special KRONE Trailer Axle Parts Kit is available from a number of service points with all the relevant spare parts included.

Additionally, the axle stands out with its maintenance-friendly design. Bellows that can be replaced without using special tools as well as a quick and easy change of brake discs without having to remove the wheel bearing enable brake service within a very short period of time. On the drum brake axles, the brakes are particularly quick and simple to remove thanks to the encapsulated bearing system used. The track setting on the axle can be adjusted effortlessly and in a manner that saves time through the eccentric discs.

Definitely thought of everything. Your KRONE services from one source.

- KRONE Telematics: The simple way to keep an overview of the position, state or temperature of your goods being transported.
- KRONE Spare Parts: Your service for quick and uncomplicated access to spare parts.
- KRONE Fair Care Maintenance Service: Your European-wide all-round care for maintenance and repairs.
- KRONE Mobility: A dense network of service locations for quick assistance throughout Europe when you need it.
- KRONE Service Locator: Your online search for the next service workshop – also available as mobile app.
- KRONE Finance: Extend your financial leeway with credit, leasing or hire-purchase.





KRONE TRAILER AXLE. WITH DISC BRAKES.

Robust and durable.

Surface protection is corrosion protection: Zinc-phosphated and cathodic dip-coated surfaces are protected against corrosion and are more resistant to impact.

Safety and stability.

The axle casing is particularly sturdy thanks to the friction welding process used. This gives you the best possible design to cope with the bending and torsion stresses as well as the highest protection against axle fractures.

High performance.

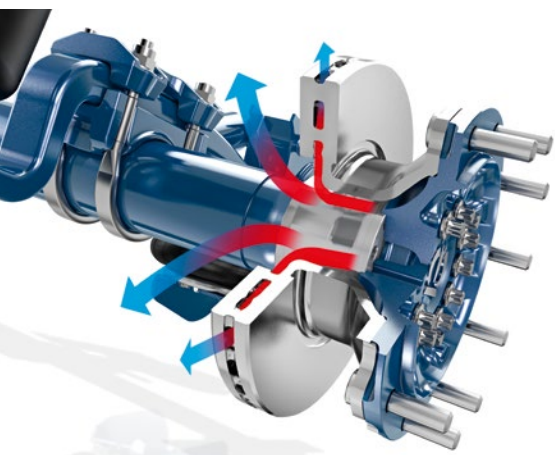
The special single-tappet mechanism removes the risk of angled wear. Thanks to the continuous ring-shaped rim system, forces are optimally distributed to the rim, helping to prevent rim rupture and wheel bolt fracture.

Ideal heat transmission.

Thanks to the innovative design, there is more space between the brake disc and the maintenance-free wheel bearing unit. This ensures for a controlled heat transmission and increases the service life of all components.

Permanent reliability.

The geometry of the brake disc is optimally adapted to daily requirements. It enables a long service life, safe implementation and reliable service: The hub flange made from one casting without hubcap, prevents errors when changing the brake discs, since the wheel bearing unit does not have to be dismantled.



TECHNICAL DATA

	PROFI LINER	MEGA LINER
Axle load:	9,0 t	9,0 t
Offset:	ET 120 mm	ET 120 mm
Brakes:	22,5" Haldex ModulT DBT22LT Gen II	19,5" Haldex Modul DBT19LT
Brake cylinder:	TSE	TSE
Track / spring centre:	2,040 mm / 1,300 mm	2,000 mm / 1,270 mm
Ride height:	240 – 300 mm	230 -320 mm
Total lift:	190 mm	255 mm
Bellows diameter:	300 mm	330 mm
Axle tube diameter:	127 mm	127 mm



KRONE TRAILER AXLE. WITH DRUM BRAKES.

A proven system which has been further developed.

Quality, efficiency and a long service life are also at the forefront of KRONE Trailer Axles with drum brakes. Innovative detailed solutions meet proven technology and ensure high levels of durability and reliability in your everyday transport life.

Robust basis.

The solid and durable axle casing provides the basis for a long service life. High-quality materials and special annealing of the axle stub are the roots of an axle on which you can fully and completely rely.

Efficiency and reliability.

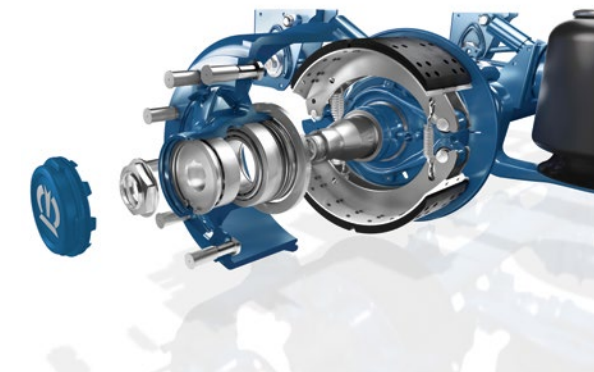
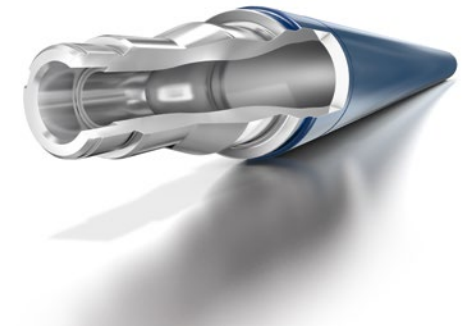
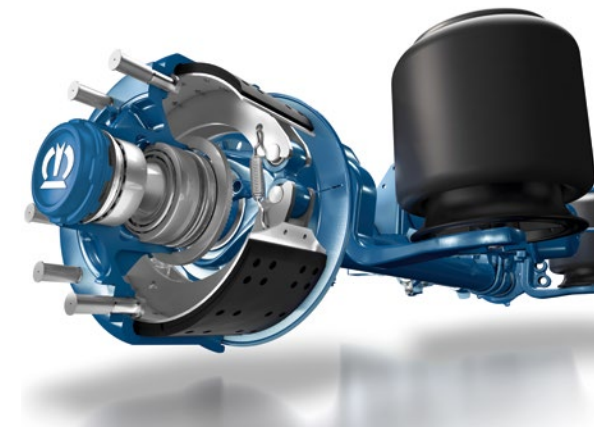
The innovative sealing system primarily protects the bearings from external influences. Clamp rings hold the bearings in the hub when changing the brake pads. This optimises component protection against contamination and damage. An encapsulated bearing unit facilitates maintenance and service.

Quality from the factory.

The bearings are optimally pre-adjusted at the factory so that they achieve the highest possible service life and the settings ensure minimum stress to the bearings. This also has a positive influence on the service life of the axle.

TECHNICAL DATA

	PROFI LINER	MEGA LINER
Axle load:	9,0 t	9,0 t
Offset:	ET 0 mm	ET 0 mm
Brakes:	22,5"	19,5"
Brake size:	420 x 180 mm	360 x 200 mm
Brake cylinder:	Wabco	Knorr
Track / spring centre:	2,040 mm/ 1,300 mm	2,000 mm/ 1,270 mm
Ride height:	240–300 mm	230 - 320 mm
Total lift:	190 mm	255 mm
Bellows diameter:	300 mm	330 mm
Axle tube diameter:	127 mm	127 mm



Should you have any questions, just give us a call.
We are available on the phone or on-site for personal consultation.

Your KRONE contact person

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