



THE KRONE TRAILER AXLE

The clever way to keep your business rolling



KRONE STANDS FOR TRAILERS WHICH SET THE BENCHMARK.

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 welded chassis of KRONE Trailers are extremely robust as well as extraordinarily durable. And are therefore more than capable of meeting the demands of fast loading and unloading cycles.

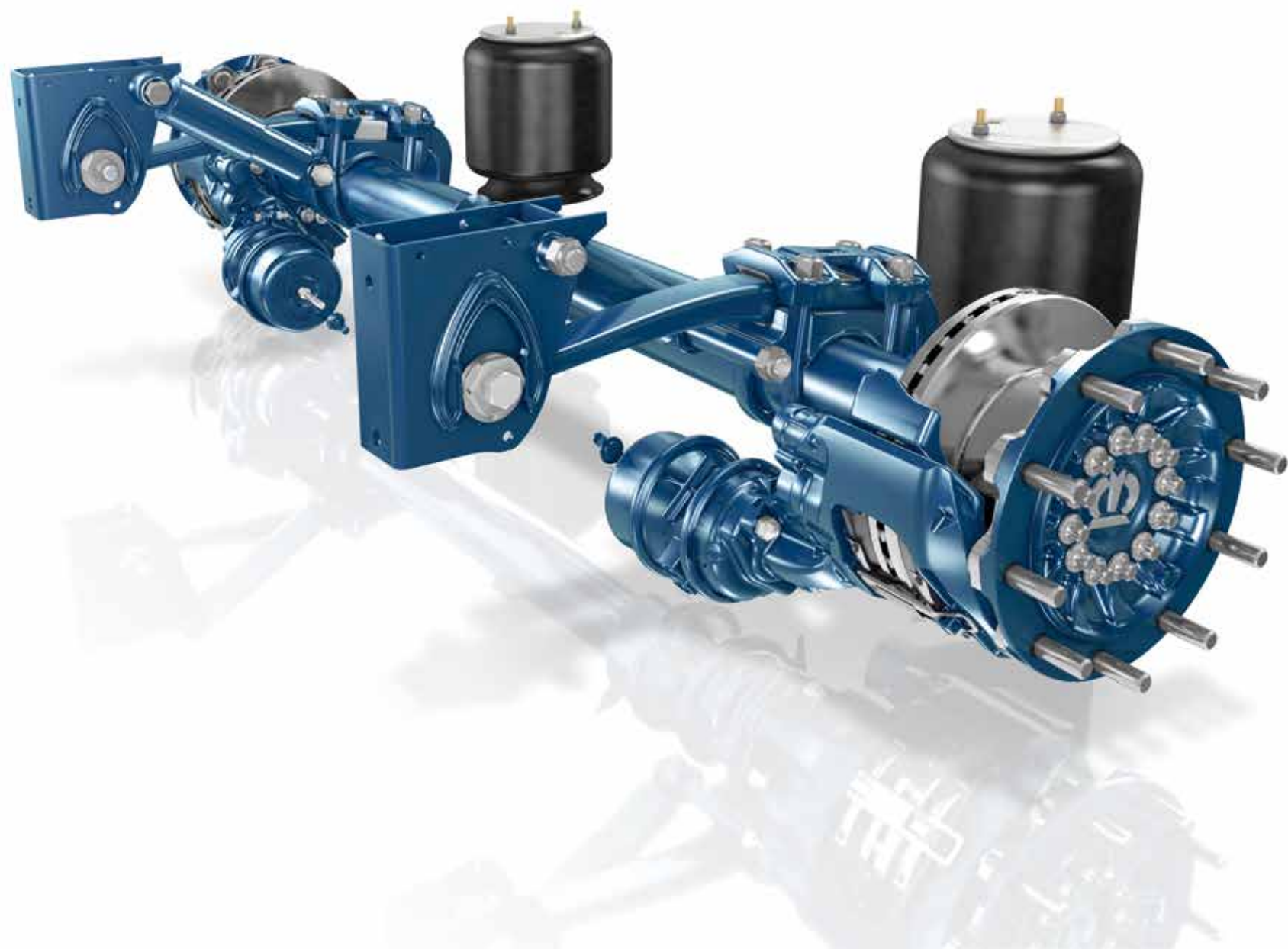
Flexible load securing.

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.

Accompanying services.

We are always at your side: from European-wide supply from our service partners to financing models and telematics systems to aftersales services and full service packages.

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





THE KRONE TRAILER AXLE. QUALITY THAT PAYS OFF FOR YOU.

Manufactured for a long trailer life.

Low life cycle costs are a basic rule at KRONE. From the first step of production of the KRONE Trailer Axle, quality and durability have the highest priority. The solid basis for a reliable and durable trailer.

Efficiency taken to its limits.

In detailed and controlled work, the chassis, axles and brake system are bolted together and the tyres and superstructure are mounted. And finally, all of this is checked comprehensively for correct function and possible leaks. In this way, KRONE trailers are in a class of their own in robustness, practicality and efficiency.

Tested and found suitable for durable use.

No trailer leaves our premises without us being 100% convinced. Together with our partners and research institutes, we have thoroughly tested the KRONE Trailer Axle under the strictest conditions. With this process, our axles are faultless in every respect.

Low maintenance up to 6 years with no mileage limit.

We do not only promise you quality: We supply it to you. One check as part of your annual main inspection is sufficient and we grant you a full 6-year warranty on the KRONE Trailer Axle with disc brakes, without mileage limits for the bearings and axle casing.

Highest flexibility from the widest choice.

Along with the proven disc brake, KRONE Trailer Axles are now also available in a smaller 377 x 45 mm version and with drum brakes. In addition, and available now, KRONE offers you a piggyback unit. This means that your trailer can be optimally fitted to meet your everyday transportation requirements.

SERVICE THAT YOU CAN COUNT ON.

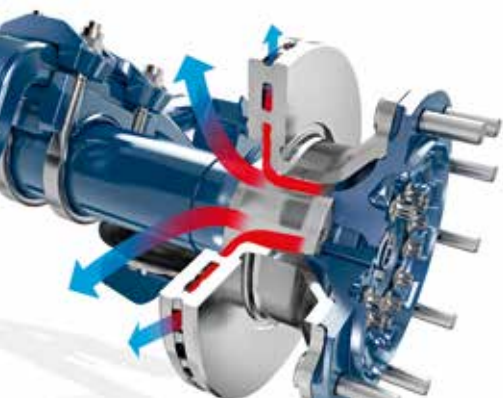
You can also rely on audited KRONE Service Partners throughout the whole of Europe. A special KRONE Trailer Axle Parts Kit is available from a number of service points with all the relevant spare parts included.

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 can be simply and quickly adjusted and all axles can be retrofitted with an axle lifting system at any time.

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 online 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.





THE KRONE TRAILER AXLE WITH DISC BRAKES.

Robust and durable.

The main surfaces are pre-treated with a zinc phosphate and then, for the best possible protection against stone chipping and corrosion, provided with a cathodic dip coating.

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 for daily use. This ensures a long service life, safe use and reliability: The hub flange, made from one casting without hub cap, prevents faults when changing the brake discs as the wheel bearing unit does not have to be dismantled.

TECHNICAL DATA USING THE PROFI LINER AS AN EXAMPLE

Axle load:	9,0 t
Offset:	ET 120 mm
Brakes:	22,5" Haldex Modul DBT22LT
Brake cylinder:	Wabco
Track /spring centre:	2,040 mm/ 1,300 mm
Coupling height:	240–300 mm
Total lift:	190 mm
Bellows diameter:	300 mm
Axle tube diameter:	127 mm

THE 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 is primarily to protect the bearings from external influences. When changing the brake pads, the bearing is held using a clamping ring. This protects the open bearings and all other components in the best possible way against contamination and damage. The encapsulated bearing unit thereby enables quick and uncomplicated 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 USING THE PROFI LINER AS AN EXAMPLE

Axle load:	9,0 t
Offset:	ET 0 mm
Brakes:	22,5"
Brake size:	420 x 180 mm
Brake cylinder:	Knorr
Track / spring centre:	2,040 mm / 1,300 mm
Coupling height:	240–300 mm
Total lift:	190 mm
Bellows diameter:	300 mm
Axle tube diameter:	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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