

KÖGEL

NOVUM: LIGHT & STRONG



KÖGEL BOX



PASSIONEERING FOR OUR CUSTOMERS

What's more exciting than the transport sector? The future of the transport sector! We passionately believe that to stay profitable, you have to stay ahead of the game – and our experience has shown that to be true. Competitive pressure on our customers is building. That's why we want to lighten the load – along with the cargo that you transport with reliable Kögel trailers every day. A close, cooperative partnership with our customers is the starting point of all our innovations. Only then can we quickly identify their changing needs and requirements – and get the right solutions on the road. That's where engineering comes in, which we have loyally practised for over 80 years. Our commitment to uncompromising quality. And, of course, our dedicated professional team.

From practice to theory and from plan to practice: Passioneeing never stops.

All our customers' challenges flow directly into the development process. We subject our innovations to intensive testing, far beyond the usual requirements. Extreme driving manoeuvres, heavy loads, poor road surfaces, rain, ice, snow and scorching sun – our trailers have to withstand it all without a hitch. Only then are we satisfied – for now, at least. Because only then can we be sure that our most discerning customers are satisfied, too. But the end of every development process is only the beginning of something new. After all, everything we do is with the future of the transport sector in mind.

Find out more about passioneeing and our exceptional quality standards at
www.koegel.com

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Illustrations may show optional extra equipment. Products are subject to continuous technical modifications.

KÖGEL BOX

**SAFE IS THE NEW ECONOMICAL
BECAUSE WE CARE!**



Kögel Box: the trailer for logistics companies who value versatility, high payload and transport security. Depending on the equipment, this dry freight trailer can be used to transport temperature-sensitive goods, such as electronics, furniture, preserves, clothing and much more.

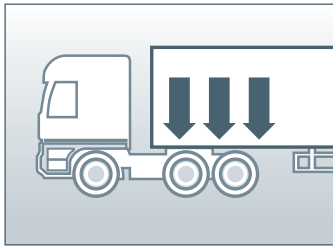
Features:

- ✓ **Outstanding reliability**
- ✓ **High payload**
- ✓ **Optimal industry equipment**

Our solution for your industry:

Temperature-sensitive and non-sensitive goods | Rail | Ferry/ RoRo | Electronics | Safety transports | Furniture | Clothing | Preserves | Paper

Frame neck 90 mm and 120 mm



Technically feasible fifth wheel load of 12,000 kg and 15,000 kg.

Roof



Light strip roof made of aluminium cross slats covered with light-transmissive GRP panels.



PurFerro sandwich panels: Steel covering layer with PUR foam core.



Load-securing



Anchor rail for optimum load-securing over the entire load length.



Multi-layer loading variable for 33 Euro pallets incl. 22 loading bars.

Portal



Portal doors.



Space-saving roll-up door for faster loading by ramp.

YOUR BENEFIT – A WIDE RANGE OF VARIANTS



PLYWOOD SIDE WALLS AND LIGHT STRIP ROOF

- ✓ Robust multi-layered composite panel (approx. 20 mm thick) with a smooth surface, making it easy to clean
- ✓ Light-transmissive GRP element with cross slats
- ✓ Anchor rails throughout (optional)
- ✓ Keyhole panel (optional)

ISO SIDE WALLS AND ISO ROOF

- ✓ Lightly insulated for temperature sensitive goods
- ✓ Insulated side walls approx. 30 mm thick
- ✓ Insulated roof with PUR foam core and steel covering layer
- ✓ Fully recessed anchor rails throughout (optional)
- ✓ Aluminium rails for double-level loading (optional)
- ✓ Heated ventilation (optional)
- ✓ Kögel in-house development and production of panels



TECHNICAL DATA

Box P90

- 90 mm frame neck with three axles
- Technically feasible fifth wheel load: 12,000 kg
- Technically feasible axle load: 27,000 kg
- Technically feasible gross weight: 39,000 kg
- Tare weight in basic version: 6,800 kg
- Clear length of loading platform: 13,620 mm
- Optional equipment: RoRo (equipment for ferry/ship), paper transport, double-decker/multi-layer loading

Box Rail P120

- 120 mm frame neck with three axles
- Technically feasible fifth wheel load: 15,000 kg
- Technically feasible axle load: 27,000 kg
- Technically feasible gross weight: 42,000 kg
- Tare weight in basic version: 7,200 kg
- Clear length of loading platform: 13,620 mm
- Rail-loading equipment (trailer liftable by crane)
- Optional equipment: RoRo (equipment for ferry/ship), paper transport, double-decker/multi-layer loading

Mega Box

- 90 mm frame neck with three axles
- Technically feasible fifth wheel load: 12,000 kg
- Technically feasible axle load: 27,000 kg
- Technically feasible gross weight: 39,000 kg
- Tare weight in basic version: 7,350 kg
- Clear length of loading platform: 13,620 mm
- Optional equipment: RoRo (equipment for ferry/ship), paper transport, double-decker/multi-layer loading

Box EuroTrailer (long truck type 1)

- 120 mm frame neck with three axles
- Technically feasible fifth wheel load: 15,000 kg
- Technically feasible axle load: 27,000 kg
- Technically feasible gross weight: 42,000 kg
- Tare weight in basic version: 7,400 kg
- Clear length of loading platform: 15,000 mm
- Optional equipment: RoRo for use on barges, double-decker/multi-layer loading

Box P120

- 120 mm frame neck with three axles
- Technically feasible fifth wheel load: 15,000 kg
- Technically feasible axle load: 27,000 kg
- Technically feasible gross weight: 42,000 kg
- Tare weight in basic version: 6,800 kg
- Clear length of loading platform: 13,620 mm
- Optional equipment: RoRo (equipment for ferry/ship), paper transport, double-decker/multi-layer loading

2-axle Box

- 90 mm frame neck with two axles
- Technically feasible fifth wheel load: 12,000 kg
- Technically feasible axle load: 18,000 kg
- Technically feasible gross weight: 30,000 kg
- Tare weight in basic version: 6,100 kg
- Clear length of loading platform: 13,620 mm
- Optional equipment: RoRo (equipment for ferry/ship), paper transport, double-decker/multi-layer loading



Clear width of loading platform:
Clear width of loading platform between protective bumpers:

| Plywood side walls | ISO side walls |
|--------------------|----------------|
| 2,500 mm | 2,480 mm |
| 2,490 mm | 2,470 mm |

More weight: Trailer with ISO side walls + roof:

150 kg

All dimensions stated are approximate

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THE KÖGEL QUALITY PROMISE



Safety

Complex components guarantee a high degree of active and passive safety: specially developed panelling elements on the frame for improved aerodynamics, underride guard compliant with the new EC Directive, standard load-securing as per EN 12642 XL, RSS for greater driving stability and safety-optimised height adjustment valve (lifting roof with BG support). Kögel trailers also have outstanding trailing characteristics.



Electronic system and lighting

EBS is fitted as standard. Full LED lighting is available to provide a long life and minimise power consumption.



Underride guard

All Kögel trailers are equipped with a reinforced underride guard, which significantly increases passive safety in road transport and conforms to EU Directive UN/ECE-R 58.

Light carrier

The light carrier is made of impact-resistant plastic and provides 100% corrosion protection. It can be installed and replaced separately.



Corrosion protection

Nano-ceramic plus KTL cathodic dip-paint coating, the most modern and highest quality industrial surface treatment on the market, provides the same outstanding properties as the coating previously applied using zinc phosphate, but it is more environmentally friendly and provides a better energy balance. The durable, clean surface coating can be repainted at any time.



Service

Visit www.koegel.com to take advantage of our comprehensive services at any time, from anywhere. Repair and warranty services can be managed conveniently online. Our Kögel Hotline Assistance is available around the clock in many European languages.



Extensive tests

All trailer components are inspected to the highest standards during static and dynamic tests.



Frame construction

The stable, torsion-resistant, welded ladder-type frame with full-width cross beams for high payloads and concentrated loads forms the backbone of the Kögel NOVUM trailer generation. This guarantees a long service life.



Environmental protection and sustainability

Kögel trailers make an active contribution to reducing fuel consumption and environmental pollution: The aerodynamics are optimised, structural noise emissions are reduced and strict guidelines are observed during production to protect the environment and ensure that the materials used can be recycled.



Load-securing and body stability

Kögel fulfils all stability requirement for reinforced bodies according to EN 12642 XL. Securing the load on trailers with this certificate is very simple: With a form-locked load, secured at the rear, the body absorbs all forces generated, thanks to the driving dynamics conforming to VDI 2700.



