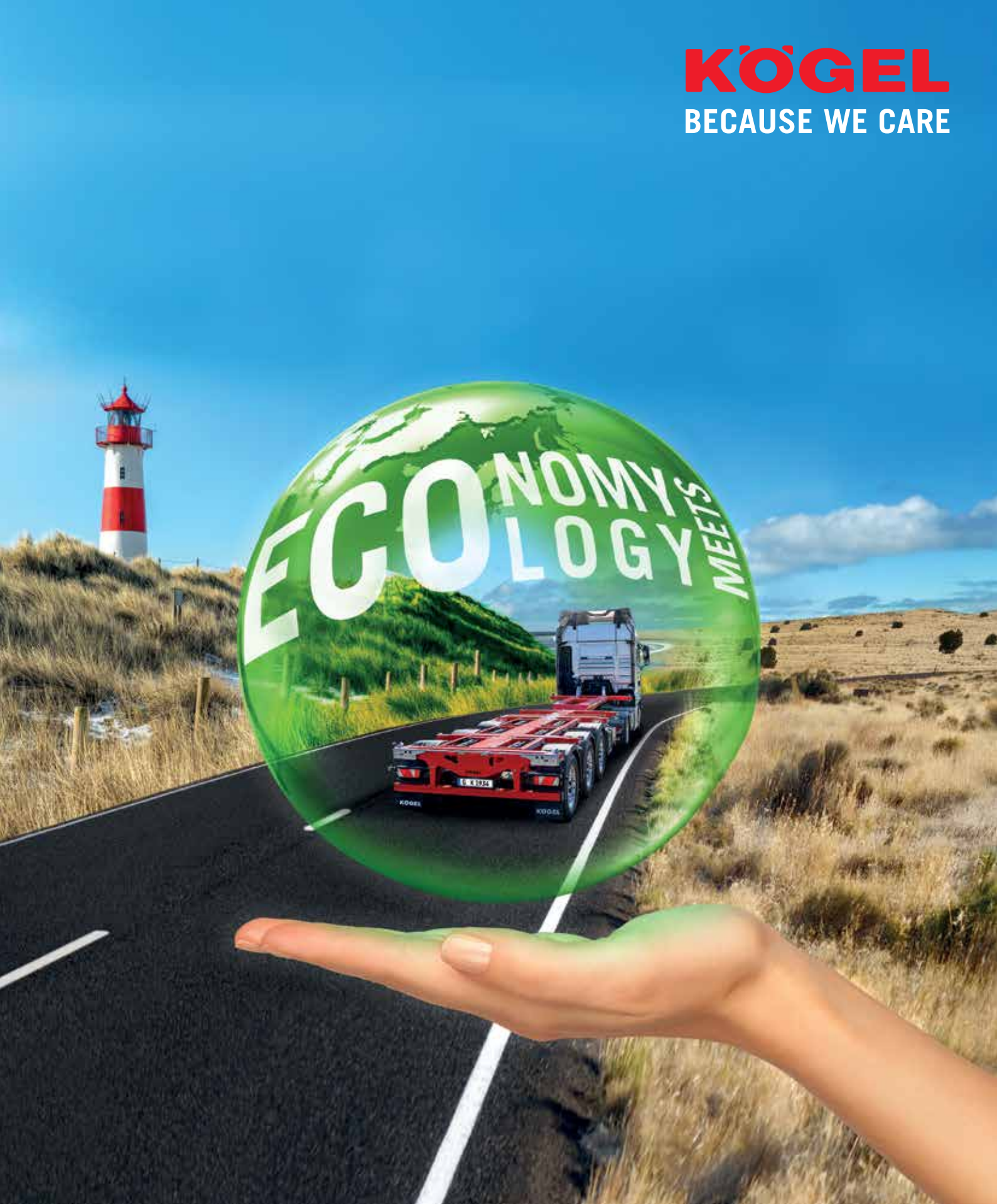


KÖGEL
BECAUSE WE CARE



KÖGEL CONTAINER CHASSIS

PASSIONEERING FOR OUR CUSTOMERS

What could be more exciting than the transport sector? The future of the transport sector! Based on experience, we believe that profitability needs to be rethought again and again in order to be optimised. That's why we dedicate all our passion and energy to doing so. The competitive pressure on you, our customer, is constantly growing. We want to take some of this pressure off. Our commitment goes beyond the daily transport of goods with our innovative trailers. A close, collaborative partnership with you is the source of all innovation. Only then can we quickly identify your changing needs and requirements – and get the right solutions on the road. That's where German engineering comes in, which we have loyally practised for over 80 years. This includes our commitment to uncompromising quality and our dedicated, professional team.

From practice to theory, to the plan and back into practice. Passioneeering never stops!

All your challenges feed directly into the development of our trailers. 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. And only then can we be sure that you too, our discerning customer, are satisfied with our trailers. 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. And we have dedicated all our passion and energy to it!

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

THE CONTAINER

CHASSIS FOR COMBINED
TRANSPORT:

CONTAINER CHASSIS 4

FLEXIBLE LIGHTWEIGHT
CONTAINER CHASSIS:

PORT 45 TRIPLEX 6

TANK CONTAINER
CHASSIS:

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**KÖGEL PORT PRODUCT
RANGES 10**

**YOUR BENEFIT:
QUALITY..... 11**

KÖGEL CONTAINER CHASSIS

The long-distance transport of goods in containers continues to increase every year. The containers start their mostly international journey on ships and trains. In order to make the transport economical, the permissible payload of the container is exhausted. Therefore, special vehicles have been developed for the transport of containers in order to ensure compliance with the permissible weights and dimensions in road traffic despite the different container types. Regardless of whether you specialise in certain types of containers or depend on being able to transport all kinds of standardised containers, Kögel has the right trailer for your business needs.

Meet the container chassis in a class of its own

With a robust frame construction and a high-quality finish, the Kögel Port product range offers ultimate stability and safety. The container semi-trailers can carry heavy loads and, depending on the individual design, can be used flexibly in combined transport – the ideal container chassis for containers of different sizes.

The container chassis that emphasise flexibility

The Kögel Port are equipped to deal with every transport job. Discover your optimal freight solution for containers: Chassis as rigid version, with rear extension (simplex), with front and rear extension (duplex) or with front, rear and centre extension (triplex)

Features:

- ✓ **Extraordinary robustness**
- ✓ **Numerous available variants**
- ✓ **High payload**



Port 45 Triplex



Port 40 Tankplex

KÖGEL PORT 45 TRIPLEX

**TRIPLE IS THE NEW EASILY MOVABLE.
BECAUSE WE CARE!**



The Port 45 Triplex container chassis, which won the “European Transport Award for Sustainability 2020”, stands for the pioneering spirit of low-emission cargo transport.

From the very beginning, the development of the Kögel Port 45 Triplex focused on maximum weight optimisation combined with simple and convenient operation. With a low tare weight starting at 4,360 kilograms, the Kögel Port 45 Triplex enables maximum cost-effectiveness in intermodal transport and is suitable for transporting all common container types.



Air and light console

The air and light console is housed in a protective recess in the front extension, significantly increasing the free space around the tractor unit connection cables.



Front extension

Easy and convenient handling thanks to a newly developed six-ball bearing, one-piece front extension without any elaborate and repair-prone mechanical components.



Plug welds

High-quality and stable welding work that you can see



**Control console
Centre extension**



For a longer lifespan, the centre extension (extendible to four different positions) features a low-maintenance guide on special plastic sliders and two extension rollers.

Elliptical lightweight perforation



For optimum stress distribution

Hand crank on manual rear extension



Adjustable to one of a total of seven possible positions

Our solution for your industry:

Tank container 20 foot | Tank container 23 foot | Tank container 25 foot

KÖGEL PORT 20 TANKPLEX



Time and above all payload determine economic success in tank logistics. With the 20-foot Tankplex, you have an extremely light yet robust trailer for intermodal transport – ensuring yields and low maintenance and repair costs.

The Kögel Tankplex transports 20-foot tank containers, as well as 20-foot ISO containers and swap bodies of up to 7.82 metres in total length. In addition, 23- and 25-foot tank containers can also be brought safely to their destination via the 20-foot container locks. The optimised frame concept and the resulting increased fifth wheel load supports the tractor drive axle, provides better traction and enables safe driving even in difficult road conditions. Another plus point can be seen in the improved accessibility at the rear of large swap containers.

The chassis has ADR-compliant safety equipment as standard and thus complies with hazardous material classes EX/II, EX/III, FL, OX and AT. In addition, Kögel installs a stainless-steel discharge trough and plastic hose pipes laid in the frame for protection, as well as a removable work platform.



Locking mechanism



Stowage for hose pipes



Control console



Working platform

Leakage trough

Steps with grating treads

Electronic system and lighting



Our solution for your industry:

Tank container 20 foot | Tank container 23 foot | Tank container 25 foot

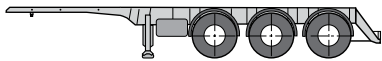
KÖGEL PORT PRODUCT RANGES



Port 45 Triplex

Port 45 Triplex

1 x 45 foot HighCube
1 x 40 foot HighCube
1 x 30 foot ISO flush with rear
2 x 20 foot ISO
1 x 20 foot ISO flush with rear
Optional:
1 x 45 foot ISO
1 x 40 foot ISO
1 x 20 foot ISO centred



Port 20 Tankplex

Port 20 Tankplex

1 x 20 foot ISO centred

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 traffic and complies with EU Directive UN/ECE-R 58.

Light mounting

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



Corrosion protection

Nano-ceramic technology plus 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 has 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 and 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, torsionally stiff, welded ladder-type frame with full-width cross beams for high payloads and concentrated loads forms the backbone of the Kögel NOVUM vehicle generation, guaranteeing a long service life.

In our swap bodies, a robust yet lightweight frame, consisting of two longitudinal beams with additional cross reinforcements and container interlocks, ensures an optimised payload ratio and a durable trailer.



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 requirements 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 arising from the driving dynamics in accordance with VDI 2700.