

KÖGEL

NOVUM: LIGHT & STRONG

KÖGEL EURO TRAILER



IT STARTS WHERE YOUR TRAILER STOPS!

Increasing requirements of transport volumes encountered on a daily basis in Europe are placing even higher demands on freight forwarders. The Kögel Euro Trailer sets new standards among trailers made for forwarding companies.

The semi-trailer extended by 1.3 m has been used on roads since 2005. The extended trailer invented by Kögel therefore offers up to ten percent more transport volume than conventional trailers.

Visit www.koegel.com for more information about the Kögel Euro Trailer



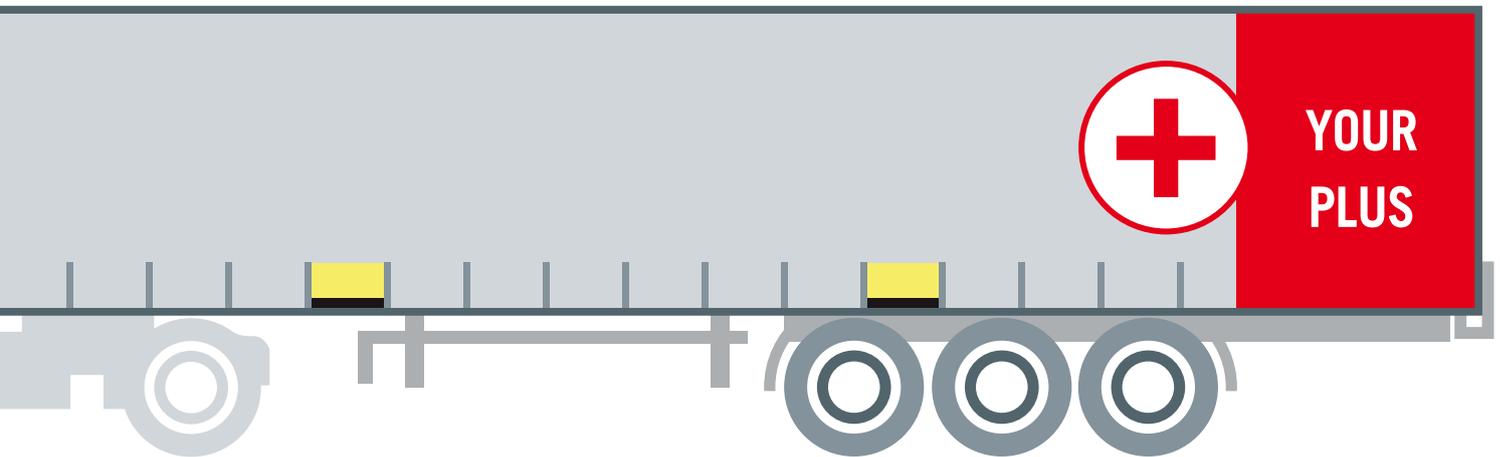
YOUR PLUS – A WIDE RANGE OF VARIANTS 3	YOUR PLUS – ENGINEERING EXPERTISE 4	YOUR PLUS – LOADING AREA 5
TECHNICAL DATA 6	YOUR PLUS – COST SAVINGS 7	YOUR PLUS – ENVIRONMENT 7
YOUR PLUS – FLEXIBILITY 8	YOUR PLUS – QUALITY..... 9	YOUR PLUS – CUSTOMISATION 10



YOUR PLUS –

A WIDE RANGE OF VARIANTS ✓

- + up to 10 m³ more volume*
- + 1.3 m length
- + space for up to four additional pallets in Cargo and Mega
- + space for up to seven additional pallets when loaded on two levels (Box and Cool)



KÖGEL EURO TRAILER VARIANTS:

..... Cargo Mega Box ... Cool – PurFerro quality



EXTRA-LONG, EXTRA-EFFICIENT: THE KÖGEL EURO TRAILER

YOUR PLUS – ENGINEERING EXPERTISE ✓



Kögel is the inventor of the Kögel Euro Trailer, which has been extended by approx. 1.3 m, and has been meeting the demand for extended trailers among transport companies for more than ten years. Even before the field trials for innovative commercial vehicles began in January 2012, approximately 300 Kögel Euro Trailers with special approval had been demonstrating their advanced features on the roads of Germany since 2006. The Institute of Automotive Engineering certified the excellent practicality and high degree of road safety of the trailers during these field trials.

IMPRESSIVE BENEFITS ...

..... up to 10 m³
more volume*

.. Flexibility in intermodal
transport applications

..... A wide range
of variants

..... Cost savings



* Compared to a standard trailer

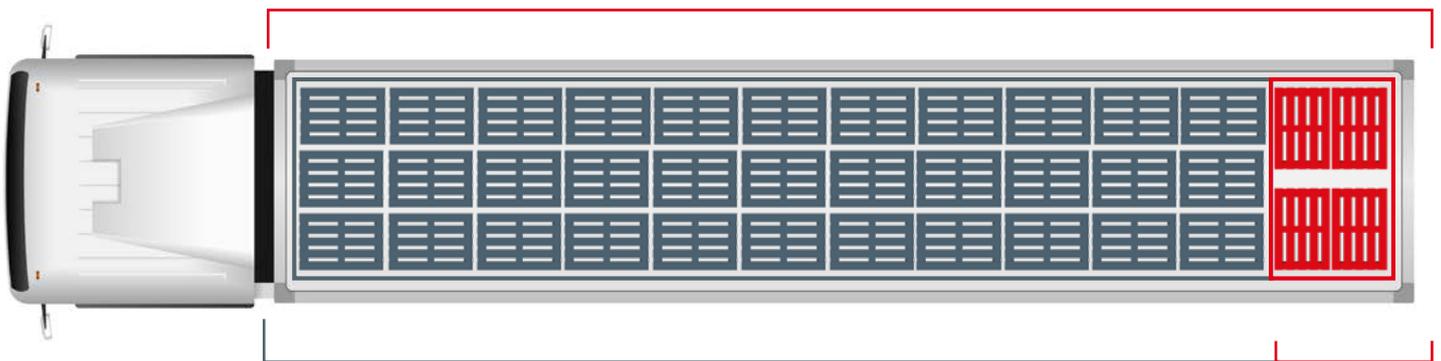


YOUR PLUS – LOADING AREA ✓

The “extended version” of the Kögel Euro semi-trailer offers up to ten per cent more volume to meet growing demand in the industry and ever-increasing transport volumes in Europe. It is 1.30 metres longer than the standard semi-trailer and therefore offers a clear maximum loading length of 14.82 metres, which is equivalent to seven pallets, depending on the body variant. That is massive! It’s just about as big as you can get.

EXAMPLE LOAD IN KÖGEL MEGA RAIL EURO TRAILER

Kögel Euro Trailer approx. 14.92 m



Standard trailer approx. 13.620 m

+ approx. 1.3 m

Kögel Euro Trailer Cargo Rail

4 additional spaces for Euro pallets*
 = approx. 9 m³ volume increase*
 = loading volume approx. 100.27 m³
 (internal height approx. 2.71 m)

Kögel Mega Rail Euro Trailer

4 additional spaces for Euro pallets*
 = approx. 10 m³ volume increase*
 = loading volume approx. 111 m³
 (internal height approx. 3.0 m)

Kögel Euro Trailer Box Rail

Kögel Euro Trailer Box – PurFerro quality Rail

Seven additional spaces for Euro pallets* on two levels
 = approx. 9 m³ volume increase*
 = loading volume approx. 101.01 m³
 (internal height approx. 2.73 m)

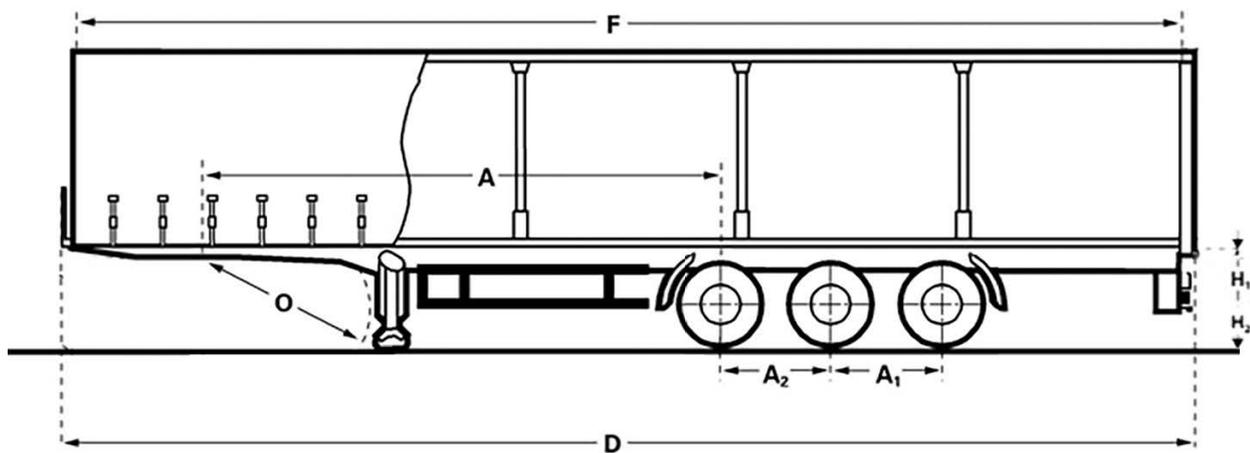
Kögel Euro Trailer Cool – PurFerro quality Rail

Six additional spaces for Euro pallets* on two levels
 = approx. 1.645 m³ volume increase*
 = loading volume approx. 88.86 m³
 (internal height approx. 2.46 m)

EXTRA-LONG, EXTRA-EFFICIENT:

KÖGEL EURO TRAILER

TECHNICAL DATA OF STANDARD EQUIPMENT



	Euro Trailer Cargo Rail	Euro Trailer Mega Rail	Euro Trailer Box Rail and Box – PurFerro quality Rail	Euro Trailer Cool – PurFerro quality Rail
(A) Wheelbase	approx. 6,590 mm	approx. 6,590 mm	approx. 6,590 mm	approx. 6,570 mm
(A1) Distance between axles	approx. 1,310 mm	approx. 1,310 mm	approx. 1,310 mm	approx. 1,310 mm
(A2) Distance between axles	approx. 1,410 mm	approx. 1,410 mm	approx. 1,410 mm	approx. 1,410 mm
(D) Total length	approx. 15,250 mm	approx. 15,250 mm	approx. 15,250 mm	approx. 15,340 mm
(F) Clear loading platform length	approx. 14,920 mm	approx. 14,920 mm	approx. 14,920 mm	approx. 14,625 mm
(H1) Unladen loading height	approx. 1,220 mm	approx. 1,020 mm	approx. 1,220 mm	approx. 1,350 mm
(O) Slew radius	approx. 2,300 mm	approx. 2,300 mm	approx. 2,300 mm	approx. 2,300 mm



IMPRESSIVE ALONG ITS ENTIRE LENGTH



YOUR PLUS – COST SAVINGS ✓

The Kögel Euro Trailer is a genuine eye-opener. With an average capacity utilisation of 80%, only nine trucks are required instead of ten. The positive result: Significant reduction in personnel, time and trailer costs (e.g. for maintenance, wear, fuel). In other words, greater efficiency for forwarding companies.

The consumption values of the Euro Trailer train are identical to those of a conventional 40-ton vehicle. It allows larger volumes to be transported, but does not make any difference to tolls, insurance or tax. The Kögel Euro Trailer reduces fuel consumption by more than 10% and can be operated with conventional tractor units.

The economic benefits of the Euro Trailer were confirmed during an evaluation of a large-scale test carried out over five years and monitored by RWTH Aachen University.

YOUR PLUS – FOR THE ENVIRONMENT ✓

Good for the company, good for the environment. The innovative semi-trailer concept helps protect both the natural world and the environment. The Kögel Euro Trailer has been proven to reduce CO₂ emissions by up to ten per cent. Fuel savings can reach up to ten per cent.

The additional volume of goods transported reduces the total number of journeys. This was confirmed in the “Scientific study of field trials for the elongated trailer concept (Kögel Euro Trailer)” conducted by RWTH Aachen, Prof. Wallentowitz.

YOUR PLUS – FLEXIBILITY ✓

The Kögel Euro Trailer is a perfect multi-tasker. It can be used both in intermodal transport applications and existing infrastructures. It can easily overcome difficult challenges posed by any future growth in transport volume and also provides perfect industry solutions for complex applications. Conclusion: Mission accomplished. The Kögel Euro Trailer is a flexible all-purpose trailer suitable for a wide range of industries and intermodal transport.

OUTSTANDING VERSATILITY...

..... Ferry



For RoRo traffic, Kögel offers specially adapted vehicle equipment that has been optimised based on many years of experience. Your benefits: easily accessible, sturdy lashing points and generously dimensioned free spaces.

..... Beverages



High payload and intelligent load-securing, also for securing partial loads, time-saving loading and unloading and high levels of efficiency in use, are the most important requirements that Kögel meets with flying colours.

..... Automotive



Low tare weight, optimum volume, quick and easy loading, specific securing for pallet cages, pallets and small-sized carriers and an excellent cost to benefit ratio. Kögel's answer to the requirements of delivery traffic in the automotive industry.



..... Rail

As a specifically developed rail version, the Euro Trailer fits on flatcars commonly used today for combined transport.

With special reinforcement in the frame and the body, protection plates at the gripper points and an underride guard suitable for the railway, the trailer is ideally equipped for rail transport.



YOUR PLUS – QUALITY ✓



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.



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.



Electronic system and lighting

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



Extensive tests

All trailer components are tested to the highest standards in static and dynamic tests.



Underride guard

The reinforced side underride guard increases safety levels for all road users. It can be installed and replaced separately.



Environmental protection and sustainability

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

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 plus KTL 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.



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 generated thanks to the driving dynamics according to VDI 2700.



Kögel CLIMATEX –

the Kögel cool air distribution system



Kögel PurFerro –

the Kögel sandwich technology for box and refrigerated trailers



Kögel Telematics –

Kögel Trailer Telematics module + Kögel Telematics web portal

YOUR PLUS – CUSTOMISATION ✓

We create special solutions tailored perfectly to your specific requirements. Kögel designs custom trailer and truck packages by selecting the perfect combination of options for transport applications with special requirements.

Kögel Telematics – the benefits at a glance

- ✓ Reduced operating costs
- ✓ Increased efficiency
- ✓ Transparency and optimisation of logistics processes
- ✓ Transparency of vehicle status and availability
- ✓ Checking and monitoring of loads, e.g. temperature of goods
- ✓ All important trailer data is displayed visually on the web-based telematics portal
- ✓ Trailer monitoring to prevent theft with timely alarms and location tracking of the trailer



Kögel Full Service

- ✓ All service work specified and recommended by Kögel in accordance with the maintenance check list, including all the necessary spare parts and consumables (except for fuel)
- ✓ All repairs required due to wear and tear on the condition that the parts were used and deployed appropriately and for the appropriate purpose
- ✓ Accounting control, accounts management and workshop handling
- ✓ Labour costs, materials costs and acceptance charges for legally required tests:
Roadworthiness test and safety assessment in accordance with §29 Road Traffic Regulations (StVZO) at licensed testing organisations, e.g. TÜV, DEKRA, GTÜ, and annual LASI check of the load-securing certificate in accordance with EN 12642 – XL

Kögel load-securing packages

such as XL certificate (with beverages), Daimler load-securing 9.5 and other packages for the transportation of tyres, octabins and waste paper.

Kögel safety packages

such as OptiTire tyre pressure monitoring, SAF Tire Pilot, RSAB and Telematics.

KÖGEL

Kögel Trailer GmbH | Am Kögel-Werk 1 | 89349 Burtenbach | Germany
Tel +49 82 8285 88-0 | Fax +49 82 8285 88-17905 | info@koegel.com
www.koegel.com

Safety note! The trailer may only be used subject to express compliance with all road traffic, employers' liability insurance association and load-securing technology regulations. No liability is accepted for mistakes or printing errors. We reserve the right to make technical changes. Printed in Germany. Reprinting not permitted 11/18. Order No.: 100-1102-EN