KÖGEL
BECAUSE WE CARE

KÖGEL FLATBED VEHICLES

LIGHTWEIGHT TRANSPORT SOLUTIONS FOR A HIGHER PAYLOAD

www.koegel.com

KÖGEL

THE VERSATILE TRANSPORT SPECIALISTS

04 STANDARD FEATURES & OPTIONAL EQUIPMENT

06 KÖGEL LIGHT PLUS

08 KÖGEL CARGO

10 KÖGEL MEGA

12 KÖGEL FLEXIUSE

14 KÖGEL EURO TRAILER

16 NEW VERSION E-OPTIMISED KÖGEL LIGHT PLUS

18 CONFIGURATION OPTIONS

20 PRODUCT OVERVIEW & INDUSTRY SOLUTIONS

22 ADDITIONAL OPTIONS

KÖGEL'S curtain-sided trailers are among the most versatile semi-trailers in European freight transport. With models such as **CARGO**, **LIGHT PLUS**, and **MEGA**, we offer a wide range of curtain-sided semi-trailers for a wide variety of transport tasks. Whether maximum payload, exceptionally large cargo volume, or maximum operational flexibility—every vehicle concept is designed to optimally meet the economic and practical requirements of modern transport companies. A high degree of customisation, along with a wide variety of body and equipment options, ensure that each vehicle can be precisely tailored to its specific application. KÖGEL curtain-sided trailers combine robust construction, high flexibility, and modern technologies to deliver cost-effective transport solutions—developed to meet the diverse demands of today's road freight transport.

You can find out more about tarpaulin-covered vehicles at: www.koegel.com

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BASIC EQUIPMENT FOR TARPAULIN-COVERED VEHICLES

Maximum reliability, safety, and **efficiency** for every trip.

01 **Adjustable slat pockets**
Solid mouldings instead of protruding slat pockets on the front and rear panels. The supports and slat pockets can be fitted at different heights thanks to a grid system.

02 **Powder-coated body components**
The front and rear panels, including the doors, are finished with a high-quality powder coating in the colour of your choice.

03 **Ladder-type frame**
A sturdy, torsion-resistant, welded ladder-type frame with through-bolted cross-members, ensuring a long service life and high stability.

04 **Sliding roof**
The roof opens from back to front as standard; it can be slid open on both sides as an option. Thanks to a folding end bar at the rear, the load-through height is almost as high as the interior height beneath the roof.

05 **Cathodic dip-paint coating with Nano Ceramic including top coat**
For a high level of protection and to maintain the value of the commercial vehicle. Nano-ceramic treatment prevents rust from penetrating the coating.

We offer a 10-year guarantee against perforation.

06 **EN 12642 XL certification**
XL certificate without slats for the serial transport of general cargo. Optional Strong & Go bodywork enables the transport of beverages and compliance with the Daimler 9.5 standard slats.

EXPANDABLE CONFIGURATION OPTIONS

Customise your trailer to meet your specific needs

Strong & Go
Optional equipment: reinforced roof and side tarps with an integrated retention system.

Telematics
With the KÖGEL Trailer Telematics Module, you can keep an eye on your trailer at all times: all data in real time – available via the web portal and in apps. Simple, anywhere, round the clock.

Coilfix
Coilfix load-securing system for the form-fitting securing of coils and slit strips at risk of tipping. The flat contact surface of the tension beam and the insertable stakes (in accordance with the SIDMAR guidelines) prevent damage to the coils and slit strips.

Fastslider
The KÖGEL Fastslider is an easy-to-use sliding tarpaulin system designed for quick opening and closing—flexible enough to meet a wide range of transport needs.

RoRo Strong
RoRo (roll on/roll off) transport refers to the use of vehicles on ferries. The semi-trailers themselves are secured on the ferry in the same way as cargo.

KIT (Kögel Intelligent Trailer)
Keep track of your fleet – with KIT, the smart solution for digital vehicle documentation. All data and documents are available at all times. For greater transparency, less downtime and efficient fleet management.

KÖGEL LIGHT PLUS

THE PERFECT COMBINATION OF LIGHTNESS AND STRENGTH

- LOW WEIGHT
- MAXIMUM PAYLOAD
- PROVEN STABILITY

THE LIGHT PLUS EFFECT
SAVES EVERY 33RD TRIP

Images may show optional extras / Products are subject to ongoing technical changes.

SPECIAL FEATURES

Bulkhead frame

Fine-grained steel and cut-outs in the longitudinal and transverse beams to reduce the unladen weight. The frame is designed for a high payload with an even load distribution.

Floor

Flat floor laid between the outer frame and the longitudinal beams; aluminium C-sections. Standard forklift axle load of 5,460 kg (optional 7,200 kg).

Optional, weight-reducing aluminium fittings

Rims, seat posts, air tanks, roof racks

The **KÖGEL LIGHT PLUS** is available in a wide range of models and with various equipment options. Your sales partner will be happy to advise you.

OUR SOLUTION FOR YOUR SECTOR:

- Coil transport
- Paper feed
- Steel transport
- Tyre transport
- Beverage transport

Also available in the following versions:
P90, P120, MEGA, COIL, RAIL, E-OPTIMISED, 3-AXLE VEHICLE, 2-AXLE VEHICLE
Summary table on page 20.

KÖGEL CARGO

SOLID, INNOVATIVE, FUTURE-PROOF

- OUTSTANDING RELIABILITY
- OPTIMAL INDUSTRY-SPECIFIC EQUIPMENT
- HIGH PAYLOAD

Images may show optional extras / Products are subject to ongoing technical changes.

SPECIAL FEATURES

Ladder-type frame

A sturdy, torsionally rigid, welded ladder frame with through-type cross-members for high live and point loads.

Floor

Wooden floor laid between the outer frame and the longitudinal beams, with a high forklift axle load of 7,200 kg as standard (optional: 8,000 kg, 9,000 kg, 9,500 kg).

The right CARGO trailer for your tractor unit

The 90 mm frame neck, with a technically feasible fifth-wheel load of 12,000 kg for 2-axle tractors, allows for a higher body and thus a larger load volume. For 3-axle tractor units, a 120 mm frame neck with a technically feasible fifth-wheel load of 15,000 kg is available. The range is complemented by the Nordic version, which features a reinforced 120 mm frame neck, a technically feasible fifth-wheel load of 18,000 kg and a longer wheelbase.

The **KÖGEL CARGO** is available in a wide range of models and with various equipment options.
Your sales partner will be happy to advise you.

OUR SOLUTION FOR YOUR SECTOR:

- Coil transport
- Paper feed
- Steel transport
- Tyre transport
- Octabin transport
- Beverage transport

Also available in the following versions:
P90, P120, COIL, RAIL, 3-AXLE VEHICLE, 2-AXLE VEHICLE, NORDIC P120, EURO TRAILER
Summary table on page 20.

KÖGEL MEGA

THINKING BIG IN A SUSTAINABLE WAY

- MAXIMUM LOAD CAPACITY
- HIGH DURABILITY
- CUSTOMISED INDUSTRY SOLUTIONS

Images may show optional extras / Products are subject to ongoing technical changes.

SPECIAL FEATURES

90 and 55 millimetres Frame neck

3-metre interior height and 4-metre overall height thanks to the reduced frame height. The clear interior height is a consistent three metres throughout and can be fully utilised across the entire width of the load area and right up to the roof.

Lifting roof & height-adjustable mega body

163 mm L-shaped roof rail profile for load bed widths extending up up to the roof; a lifting roof to increase the side loading height for loading and unloading, as well as a height-adjustable body. The Mega body allows the body height to be adjusted by 125 mm at the front and by 50 mm at the rear.

Optimised for 19.5-inch tyres

A low chassis, combined with suspension systems specifically optimised for 19.5-inch tyres, maximises the load volume in the body. Particularly suitable for the automotive sector and all transport operations where the focus is on achieving the greatest possible load volume.

The **KÖGEL MEGA** is available in many different versions and with a range of equipment options. Your sales partner will be happy to advise you.

OUR SOLUTION FOR YOUR SECTOR:

Coil transport · **Paper feed** · **Steel transport**

Tyre transport · **Automotive**

Also available in the following versions:
P55, P90, COIL, RAIL, 3-AXLE VEHICLE, 2-AXLE VEHICLE, 2-AXLE VEHICLE (10 TONNES), EURO TRAILER
Summary table on page 20.

KÖGEL FLEXIUSE VERSION

FULL FLEXIBILITY

The **KÖGEL FLEXIUSE** is based on the tried-and-tested KÖGEL bestsellers, the **CARGO** and the **MEGA**. It combines the individual strengths of both models: the capacity of the **KÖGEL MEGA** and the all-round versatility of the KÖGEL **CARGO**. As well as its high-quality build, it also stands out for its low running costs.

- **SUITABLE FOR TRACTORS WITH DIFFERENT FIFTH-WHEEL HEIGHTS**
- **HEIGHT-ADJUSTABLE STRUCTURE**
- **EASE OF USE**

Lifting roof & height-adjustable FLEXIUSE body

163 mm L-shaped roof rail profile for load bed widths extending up to the roof; a lifting roof to increase the side loading height for loading and unloading; and a height-adjustable body. The **FLEXIUSE** body allows the body height to be adjusted by a total of 200 mm and can be adjusted by 8x25 mm at the front and 4x50 mm at the rear.

Images may show optional extras / Products are subject to ongoing technical changes.

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KÖGEL EURO TRAILER VERSION

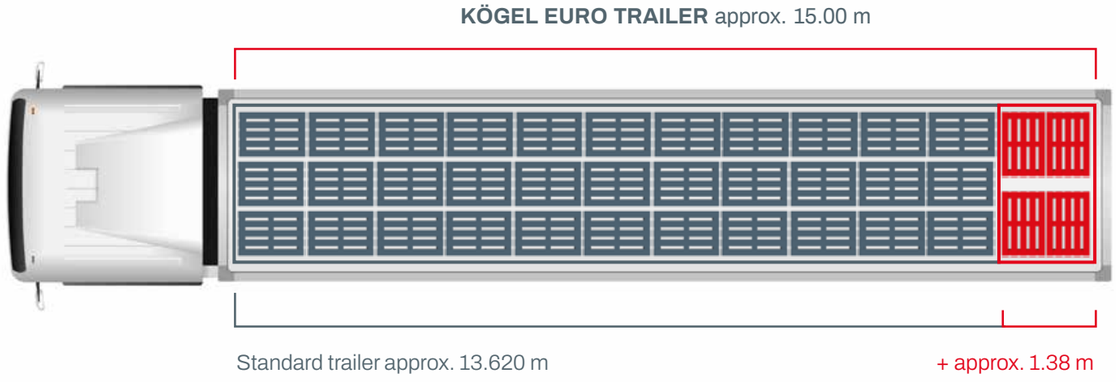
EFFICIENCY IN EVERY LENGTH

TANGIBLE BENEFITS

- **+1.38 METRES OF LOADING LENGTH**
- **UP TO 111 CUBIC METRES OF LOAD VOLUME**
- **10% FEWER CO_2 EMISSIONS**

The **KÖGEL EURO TRAILER** is the **'Extended Version'** of the semi-trailer. With up to **ten percent more volume**, it meets the growing demands of the industry and the increasing volume of freight in Europe. It is 1.38 metres longer than the standard semi-trailer and offers a clear loading length of up to 15 metres, equivalent to **37 Euro pallets on the loading deck.** This makes it possible to transport a larger load from A to B. The **KÖGEL EURO TRAILER** can be registered in EU countries under a derogation regulation.

SAMPLE LOAD FOR THE KÖGEL EURO TRAILER



NEW

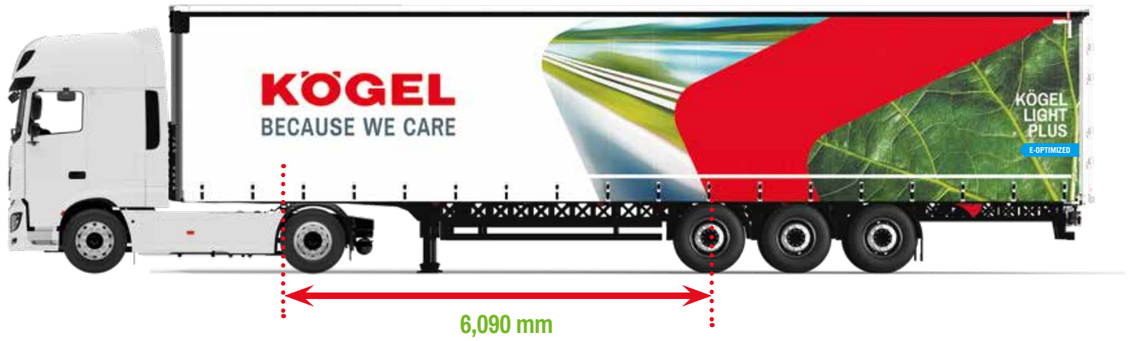
KÖGEL LIGHT PLUS
OPTIMISED VERSION

E-MOBILITY ON THE MOVE

- HIGHER PAYLOAD
- COST-EFFECTIVENESS THROUGH IMPROVED VEHICLE UTILISATION
- LEGAL CERTAINTY THROUGH COMPLIANCE WITH AXLE LOAD LIMITS

Images may show optional extras / Products are subject to ongoing technical changes.

SPECIALLY DESIGNED FOR ZERO-EMISSION TRACTORS



The **E-OPTIMISED KÖGEL LIGHT PLUS** has been specially developed for zero-emission tractor units. It is designed for all makes of electric tractor units and for use across a range of industries. The vehicle is based on the tried-and-tested **KÖGEL LIGHT PLUS** and combines lightweight construction, efficiency and optimum axle load distribution to create a bespoke solution for electric heavy-duty transport.

THE CHALLENGE

Electric tractor units alter the weight distribution of the combination due to their battery. The additional weight places a particular strain on the drive axle. Although EU Directive 96/53/EC permits an increased maximum authorised mass of up to 42 tonnes for electric tractor units (compared to 40 tonnes for diesel-powered units), the axle load limits remain unchanged and must still be adhered to.

THE SOLUTION

The e-optimised **KÖGEL LIGHT PLUS** is specifically designed to address the axle load issues associated with electric tractor units. The wheelbase, which has been shortened by 300 mm, prevents axle load overload and ensures optimum load distribution throughout the entire combination. It offers **optimum tracking performance** and **does not suffer from increased tyre wear when cornering.**

KÖGEL CO, CS, MULTI
AND FLEXIUSE BODY TYPES

CONFIGURATION OPTIONS

CO structure

Side sliding tarpaulin attached to the outer frame using tarpaulin tensioners

Portal doors

Optional with customs seal (TIR) for cross-border transport with third countries

Optionally available with a lifting roof to increase the load-through height for side loading, featuring an L-shaped roof rail extending across the width of the load area up to just below the roof

CS structure

Internal and external side panels

Side sliding tarpaulin secured to the outer frame or hung on the side panel using tarpaulin tensioners

Portal doors

Optional with customs seal (TIR) for cross-border transport with third countries

Optionally available with a lifting roof to increase the load-through height for side loading, featuring an L-shaped roof rail extending across the width of the load area up to just below the roof

MULTI structure

Aluminium or steel front panel

Rear panel flap or doors

Side panels with heights of 600, 800 and 1,000 mm

4 pairs of side panels (divided into 3 sections) or 5 pairs of side panels (divided into 4 sections)

FLEXIUSE structure

Height-adjustable structure

Adjustable internal height with a 200-mm adjustment range

Available in CO and CS configurations

OUR RANGE OF PRODUCTS

PRODUCT OVERVIEW

	Explanation	LIGHT PLUS	CARGO	MEGA
P90	90-mm frame neck Designed for a technically feasible fifth-wheel load of 12 tonnes in a low-profile design for optimum body heights.	✓	✓	✓
P120	120-mm frame neck Reinforced front section of the frame for a 15-tonne saddle load (technically feasible)	✓	✓	✗
3-axle vehicle	Technically feasible engine load of 27,000 kg for a maximum payload.	✓	✓	✓
2-axle vehicle	Technically feasible unit load of 18,000 kg and a short wheelbase for low payloads and minimal tyre wear during manoeuvring.	✓	✓	✓
2-axle vehicle (10 tonnes)	Technically possible gross vehicle weight of 20,000 kg with a longer wheelbase. Saves on tolls in many countries.	✗	✗	✓
Nordic	A technically feasible axle load of 18 tonnes and a longer wheelbase. A vehicle optimised for 3-axle tractor units.	✗	✓	✗
Coil	Frame with a coil recess and very high point loads at the vehicle's centre of gravity.	✓	✓	✓
Rail	It is suitable for combined transport, i.e. transport by rail and road.	✓	✓	✓
MEGA	Semi-trailers with increased internal height for greater load capacity.	✗	✗	✓
P55	55-mm frame neck Specially developed for the Mega to allow it to travel through a 3-m clear height whilst maintaining an overall height of 4 m	✗	✗	✓
FLEXIUSE	Height-adjustable FLEXIUSE assembly, available in various heights	✓	✓	✓
EURO TRAILER	Vehicle extended by 1.38 m	✗	✓	✓
e-optimised	Optimised wheelbase for electric tractors	✓	✗	✗

EXACTLY THE TRAILER YOU NEED!

Coil transport

The **KÖGEL LIGHT PLUS COIL**, **CARGO COIL** and **MEGA COIL** models feature a coil tray. To ensure safe storage, the vehicle is fitted with a coil tray in accordance with VDI 2700, which can accommodate steel coils and steel strips with a diameter of between 900 and 2,100 millimetres.

5-tonne heavy-duty lashing rings
They enable heavy coils and steel strips to be securely clamped in the coil trough area and are compatible with standard slit strip securing systems.

Paper feed

The **KÖGEL LIGHT PLUS, CARGO**, **FLEXIUSE**, **MEGA** and **EURO TRAILER** are fitted with combination steel rails for securing loads with wedges and for using paper rail rollers.

Beverage transport

Optimised load security and flexibility thanks to modular lashing and locking systems, which ensure the safe transport of a wide variety of drinks cans and bottles and enable rapid loading and unloading.

Steel transport

Maximum versatility thanks to eight crossbar pockets. The roll-up tarpaulin and tailgate allow you to transport particularly long steel bars.

Octabin transport

Special octagonal containers used for packaging chemical granules, flakes or powders. KÖGEL offers a solution for the transport of these containers, complete with a corresponding load securing certificate.

Automotive

KÖGEL MEGA for high-volume transport. Whether three stacked mesh boxes, small load carriers or mixed loads: thanks to the height-adjustable body panels and an optionally available frame with a height of 55 millimetres, you can configure your vehicle to suit your requirements.

Tyre transport

KÖGEL vehicles comply with the DIN EN 12642 Code XL certification for load securing. Thanks to the vehicle body with additional equipment, tyres can be transported in stacked, crimped and tiered configurations, with a technical payload of up to 18,000 kilograms.

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ADDITIONAL OPTIONS

MORE PICTURES

Customs seal

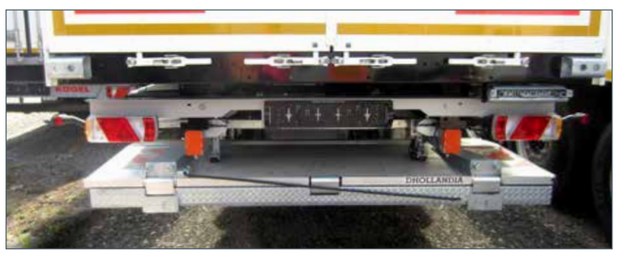
Standard use or customs-approved for cross-border transport to third countries.

Rack-mounted forklift storage

Ideal for customers without a fork-lift—with a mount for removable counterweights.

Drive-under tail lift

The side-mounted storage system for eight stanchions ensures safe transport and quick loading and unloading.



Steel transport

Specialised solutions for the transport of extra-long steel.

KÖGEL

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