

BIKELINER.com<sup>®</sup>



Equipment list 2019 / 2020



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**Your language is online!**

[www.bikeliner.com/international](http://www.bikeliner.com/international)





## Transport your bicycles easily...

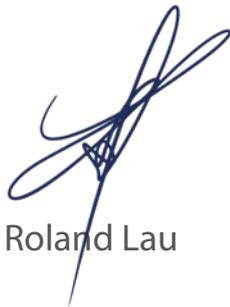
Lau Fahrzeugbau builds bicycle cargo trailers for buses since 1989.

Thanks to the feedback from many travel and bus companies, the trailers have been continuously improved and optimized over the years.

The result was the innovative **BIKELINER**<sup>®</sup> - bicycle cargo trailer, which was released in 1999.

**DISCOVER** and **DESIGN** the perfect work environment for your drivers and staff with our **BIKELINER**<sup>®</sup> !

I will be happy to provide you with detailed technical information and personal consultation.



Roland Lau





## **BIKELINER® Professional**

### **For bus companies**

up to 48 bicycles  
individual construction  
many upgrades

## **BIKELINER® Club Line**

### **For associations**

8 - 30 bicycles  
lighter construction

## **BIKELINER® Private Line**

### **For group tours or day trips**

2 - 10 bicycles  
also on an open,  
unbraked trailer



## **Luggage Line**

### **Your pack mule for the 14 m bus**

up to 2.5 tons of  
luggage theft protection  
prof. Cargo securing  
(BAG-compliant)  
individual construction  
also with **BIKELINER®**  
charging system and  
up to 32 e-bike racks



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**BIKELINER®** Private Line for 2 -10 bicycles, ideal for collecting bicycles or for family trips



**BIKELINER®** Luggage Line for up to 2.5 tons of luggage, incl. BAG-compliant cargo security and theft protection



**BIKELINER®** Professional for up to 48 bicycles



**BIKELINER®** Club Line for 8 - 23 bicycles, usable for vehicles with 2.5t trailer load

# BASIC MODELS



## Basic equipment:

Custom-manufactured bike cargo trailer, precision-designed to complement your vehicle fleet includes the **BIKELINER®** bicycle cargo system which is made of steel and hot-dip galvanized.

- fully welded base frame made of rectangular tubing for maximum durability capable of withstanding the forces generated in the wake of a 20-ton bus
- Hot-dip galvanized in one piece
- Gross vehicle weight rating:  
up to 2,700 kg, overrun protection rating: up to 3,000 kg, approx. 800 - 1000 kg payload (depending on the model and features selected)
- Outer dimensions: Width approximately 2.55 ms; Height approximately 3.20 ms; Inner dimensions: 2.45 ms x 2.45 ms; Lengths: see below
- Equipped with five (5) tires (made by Trailermaxx or Maxxmiler) 195/50 R13C, including spare tire
- Automatic support wheel: 200 kg

## Basic models / standard dimensions ((optimized standard lengths thanks to customized, one-off manufacture):

Art. No.

124	<b>BIKELINER®</b> 24 (24 complete bicycle racks per 4.80 m of overall vehicle length), max. bus length: 13.95 m
128	<b>BIKELINER®</b> 28 (28 complete bicycle racks per 5.20 m of overall vehicle length), max. bus length: 13.55 m
132	<b>BIKELINER®</b> 32 (32 complete bicycle racks per 5.60 m of overall vehicle length), max. bus length: 13.15 m
136	<b>BIKELINER®</b> 36 (36 complete bicycle racks per 6.00 m of overall vehicle length), max. bus length: 12.75 m
140	<b>BIKELINER®</b> 40 (40 complete bicycle racks per 6.40 m of overall vehicle length), max. bus length: 12.35 m
144	<b>BIKELINER®</b> 44 (44 complete bicycle racks per 6.80 m of overall vehicle length), max. bus length: 11.95 m
148	<b>BIKELINER®</b> 48 (48 complete bicycle racks per 7.20 m of overall vehicle length), max. bus length: 11.55 m

## Suitable basic model but too little capacity? Add up to 8 more bicycles!

We manufacture our **BIKELINER®** with a length-optimized design that fully adapts to your vehicle fleet. The case dimensions are variable and the capacity or the safety distance between the individual bikes & e-bikes are variable as well. Even the complete bicycle rack can be readjusted continuously, if, after a few years, the e-bike share increases, or the dimensions of the bikes change. Sustainable & flexible. The **BIKELINER®**.

Two main options for more capacity:

- Retrofittable bicycle racks in the rear of the vehicle increase the loading capacity by up to 20% depending on the basic model. For example, a **BIKELINER®** 40 becomes a vehicle with 40 + 4 additional bicycle racks. That is a whopping 10% increase without influencing vehicle length & safety distance between the bicycles.
- Our length-adjustable drawbar, which ideally makes 4 additional parking spaces possible.

# CHASSIS



### LAU - Fahrzeugbau drawbar:

- 201 **LAU - pull-out drawbar**, continuous adjustable, electro-hydraulically retractable, by 30 cm at the push of a button & without locking (with remote control, battery, 220-Volt battery charger) in connection with:
- 202 **LAU - height adjustment** (3 - compartment adjustment for all common buses & one car level) Coupling heights: 40 - 55 & 50 - 65 cm (easy to adjust with a single screw). Maximum flexibility for your **BIKELINER®**.

### Trailer chassis:

- 211 Identically trailer with gross vehicle weight rating for up to 3,500 kg, 250 mm wheel brake, axle: Knott VGB18 (2x1.800 kg), 5 hole
- 212 Identically trailer with gross vehicle weight rating for up to 3,500 kg, 300 mm wheel brake, axle: VGB20 (2x2.000 kg), 6 hole
- 213 Identically trailer with gross vehicle weight rating for up to 3,500 kg, overrun brakes, 1 axle: Knott GB35 (1x3.500 kg) 6 hole (We recommend the GB35 only for luggage trailers!)
- 215 Identical trailer with 3.500 kg approval and air pressure brake, 2 x Knott GB18 axles (up to 3.600 kg) Tristop diaphragm cylinder, parking brake per touch of a button, DIN drawbar eye, wabco brake system with duomatic connections
- 221 Axle shock absorber incl. 100 km/h approval (only for the trailer)
- 230 2. spare wheel with steel - optionally with aluminium rim, mounting under the vehicle floor (a spare wheel is included without extra charge)
- 233 Associated heavy duty aluminium rims in 5- or 7-spoke design, all tyres balanced for particularly smooth running (extra charge / wheel)
- 234 laterally foldable holder for easy access to the spare wheel, with waterproof padlock
- 222 ALKO automatic support wheel 450 kg with newly adaptable adapter plate. Plug holders and unscrewing protection
- 241 **Recommended tires:** 205R14C Trailermaxx, (on a 5 hole steel rim)
- 245 Tires 205 / 75R16C Continental (on a 6 hole steel rim, from VGB 20 axles possible)
- 248 Tires 205 / 65R17.5 Continental (on a 6 hole steel rim for 3.500kg, single axle)



Ground clearance with length- and height-adjustable drawbar



Recommended 14" tires / 13" tires of the basic model

# INDIVIDUAL CONSTRUCTION

BIKELINER®  
Safety - Set



## More capacity and security:

- 170 **4 additional bicycle racks** in the vehicle rear transverse to the driving direction:  
(partially suitable for tandem and recumbents, 2 bikes at the top and bottom)  
flexibly fastened to an adjustable handrail with Uebler bicycle holders
- 171 **2 additional bicycle racks** in the vehicle rear, however only below:  
2 bicycle racks in 4 support rails with velcro straps, 2 bicycle racks by Uebler,  
adjustable on a rod in the rear, (top can be retrofitted)
- 172 **2 bicycle racks less** in the bottom load rows (which will be mainly equipped with e-bikes):  
40 cm - split - more space between the individual racks

### Additional options in box-body design:

- 280 2.68 m interior height - 3.40 m overall height (recommended interior height for 100% e-bike cargo & e-bike lifter)
- 281 Interior heights from 2.78 m (3.50 m overall height) to 3.10 m (overall height up to 3.90 m)
- 290 Aluminum rear ramp instead of doors; white powder-coated; gas-spring supported; sure-step hinged;  
end-to-end anti-skid mat, load-bearing surface: up to 1,000 kg; point loads: up to 500 kg
- 291 Accessories for the rear ramp: adjustable legs allowing use of the hatch as seating surface.
- 295 Passive roof ventilation (with airstream or wind, without power supply) adjustable cover in the interior
- 296 Active roof ventilation (brushless motor, power supply via the running lights)
- 300 **BIKELINER® Safety Set** (theft protection) with watertight padlocks on the trailer coupling,  
spare wheel holder and ramp. The ramp can be locked up to 4 times.
- 301 **BIKELINER® Safety rope** (suitable for the safety set) for aluminum rims  
Coated stainless steel cable, simultaneously locking, waterproof padlocks as immobilizer
- 285 **Translucent roof** (see image on page 52)



Additional benefits: seating area or sideboard with feet



Ventilation: Indispensable if bicycles are wet



Easy to open rear ramp



Anti-skid protection even when wet - for safe loading



Our innovative bicycle loading system offers plenty of room for optimal use of space, the bicycles are always contact-free

# COMFORT



## More comfort for your drivers, less damage for you!

### Our mover option:

Move the fully loaded **BIKELINER**® safely and alone with over 3 tons - even on inclines, slopes or unpaved roads.

- 250 4 wheel drive with Easydriver from Reich (alternative device: Mammut Mover from ALKO) with a remote control, off / on switch, 95 AH gel battery, 3.1 t up to 20% incline / slope, 220 V charger, 220 V external socket with 5 m charging cable (can be charged when the trailer is closed)
- 251 **Control with the smartphone app** via Bluetooth, installed communication device
- 252 Possible discount for both mover options:  
minus double battery / charger by adding the adjustable drawbar



Mover: The Reich easydriver with 14" tires with optional control via app



## Make it easy!

We install over 2,000 individual parts in the BIKELINER® bicycle loading system alone, so everything is easy to use and works perfectly. For damage-free loading and transport.

Done in under 30 minutes, without having to adjust a bicycle!

Convince yourself: a real-time loading video is available online at [www.BIKELINER.com/Verladevideo](http://www.BIKELINER.com/Verladevideo)

# ELECTRICS & CARGO SECURING



## Electrical equipment

(all wired connections are individually soldered and waterproof-sealed)

- 401 Full-LED main lighting (multi-voltage) including interior lights
- 402 additionally protected safety indicator lights (24 V), laterally at the top of the rear in view height for following truck traffic (same height as the 3rd brake light)
- 410 Preliminary set-up for e-bikes at the bottom (220 V), fully installed by an electronics technician

Did you know? The transport of e-bikes (pedelecs) with inserted battery is a bicycle transport  
If the batteries are transported separately, it is classified as a battery transport (dangerous goods transport), which requires further security measures. We will inform you about the options.



## Safety / Cargo securing:

- 305 **NEW:** Triangular cargo net for the interior in the rear for transporting helmets and accessories
- 288 Pull-out stairs with gas-spring supported locking mechanism; length-neutral, 30 cm wide tread under the vehicle floor
- 306 Collision protection and lamp protection made of rectangular tubing
- 309 Stainless-steel toolbox / storage space flush with the underbody; approximate W/L/D: 1.40 x 0.55 x 0.25 m  
Access possible from the rear (even while fully loaded!); access hatch size approximately 80 x 50 cm
- 310 **BAG compliant secure cargo:** Flush-mounted airline cargo rails, for flexible cargo securing at 2.5-centim intervals; the price includes 1 clip per linear m  
Price incl. 2 fittings / 1 ratchet belt per m Airline rail e.g. laterally on the walls
- 320 Spare parts set (spherical coupling, brakes, wheel bearings for one (1) axle, trailer chassis rated for up to 3.5 tons)
- 325 Spare parts set (spherical coupling, brakes, wheel bearings for one (1) axle, trailer chassis rated for up to 2.7 tons)
- 311 Mirror extensions (HP Luxus, set of two)
- 341 Replacement Velcro straps with clamp (red)
- 333 Cellular-rubber changeable covers, EPDM quality (ultra-gentle on the bike frame, ideal for carbon bikes)
- 334 Pedal hold-down clamps (one touch to fixate the pedals in place and deactivate the gear system's free-wheel)
- 335 Magnetic road bike cushion (protects the wheel)
- 340 Securing the ramp and while loading: traffic cone with BaSt approval



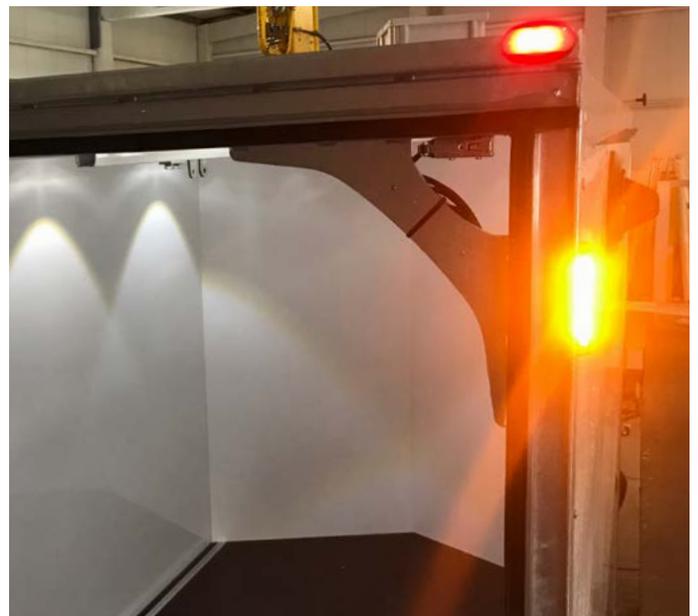
**NEW:** Triangular cargo net for transporting helmets



Pull-out stairs



Valuable storage in the ground space



additional safety indicator lights



Secure your cargo BAG compliant with the innovative airline rails



Spare parts set for emergencies with the most important components and wear parts

# OPTIONS



## Make two out of one!

### 515 **Removeable bicycle rack:**

with storage rack (complete assembly & disassembly in less than 5 minutes, video instructions available)  
Advantages: large effective area and between 500 and 800 kg more payload without bicycle rack inside  
e.g. for motorcycles

**NEW: Original Bavarian beer tent furniture consisting of table and bench sets (bright, UV glazed)**  
with comfort rack. Easy to load into the trailer's pointed end without loss of storage space.  
Including accessories: installed (even upgradable) anchor rail, floor retaining set, one ratchet strap and one pre-loading set.

351 price per beer tent furniture set:

352 Total price for two (2) beer tent furniture sets:

350 Retaining sets (not including the tables or benches) for two (2) beer tent furniture sets:

360 **USEFUL:** Broom holder with broom, fully installed

329 Aluminum case with bicycle tool set, standing air pump and bicycle replacement parts  
(extensive accessories, div. hoses, etc.)

290 Ferry set consisting of four (4) welded tie-down rings and two (2) polyamide roller at the vehicle rear

291 Ferry set without rolls

### 990 **BIKELINER® within /outside of the EU:**

Want to use the **BIKELINER®** right after completion and wait with the transfer of registration until after type identification? Registration under a German license plate including comprehensive insurance coverage (all-inclusive coverage up to a period of six (6) months.

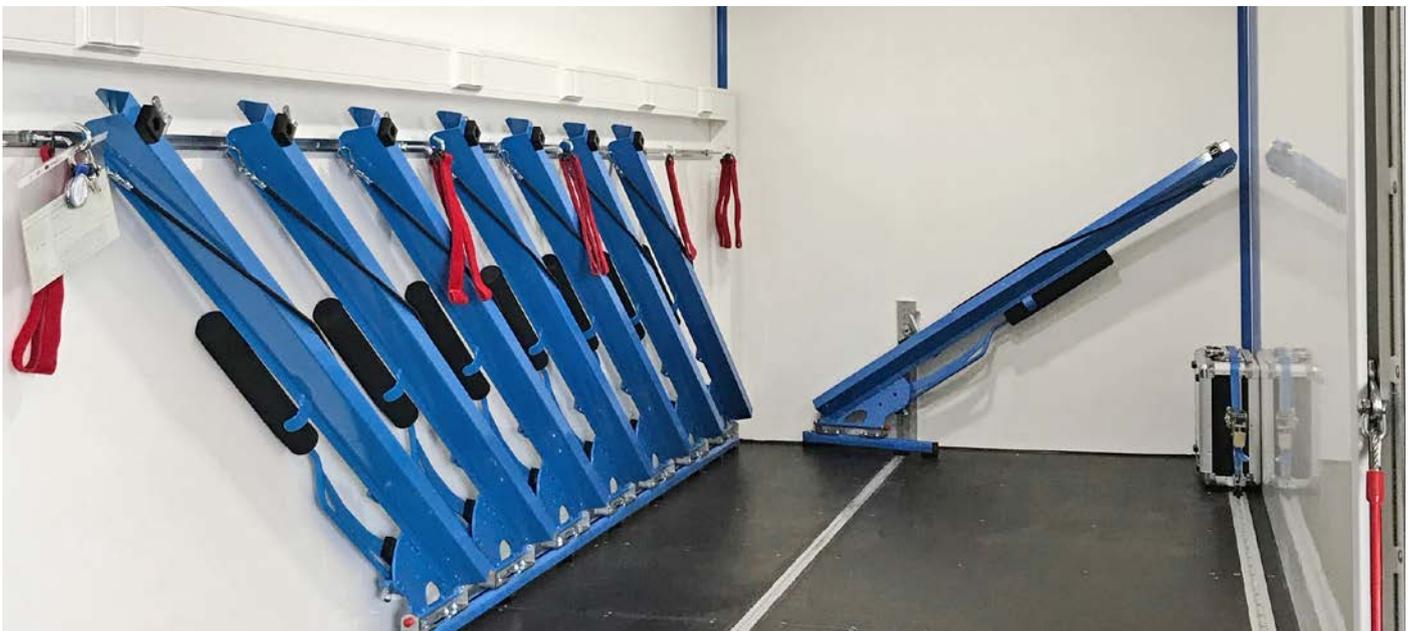
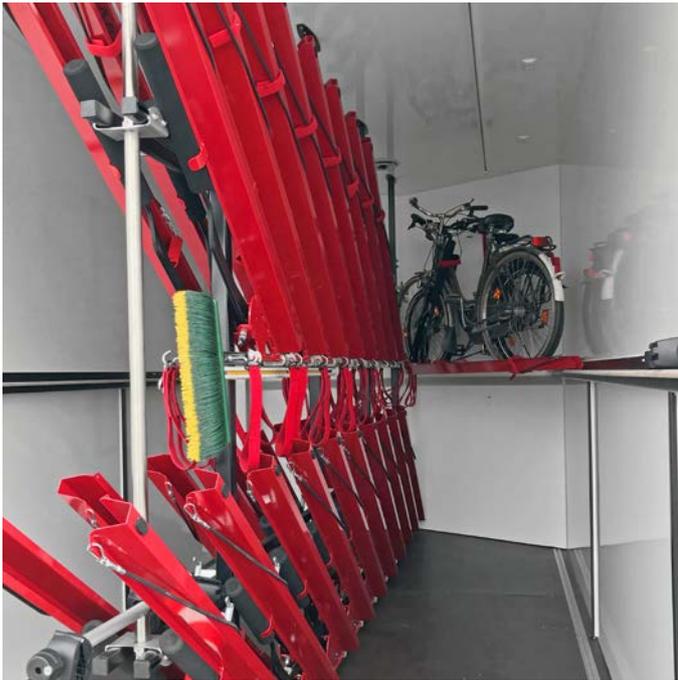


### **Comfortable loading aid**

Take care of your driver and your employees with the e-bikelifter, the loading aid for the top row.

Pull force of up to 14 kg, price per side

**Available as of 2020:**  
Even more comfort with our retrofittable electric lifter with a pull force of up to 35 kg, which can lift a bike completely effortless



## Your Corporate Design in the BIKELINER®

**A visual upgrade of the workplace pleases drivers and customers:** adjusted the preferred colour of your choice or the fleet, the coating visually enhances the workplace. An eye-catcher for your customers, because every detail is taken care of!

The trailer is also much easier to keep clean with the 3-layer powder-coating and the easy-to-clean cover layer.

All RAL colours are possible.

90% of our customers order the **BIKELINER®** interior fittings in color.

Art. No. 600



# OPTICS



## Your bikeliner. Your free advertising space. Your business card.

It's that easy:

### Possible inclusive services for foil labeling inhouse:

- 3 free designs by our graphic designer Marco Gambel ([www.dot-werbung.de](http://www.dot-werbung.de))
- Everything from one source: idea, design, claim, print preparation, print and assembly
- Included image rights
- Full-surface digital print with UV protective laminate for long durability or cutted high-performance film
- Assembly by our experienced team, directly during the production of your **BIKELINER®**

### 5 ways of labeling:

- Premium labeling - all inclusive with fixed price.
- Just the design - assembly done by your team
- Just the assembly - design by your advertising agency (optional print inhouse)
- Plotted labels
- Current **BIKELINER®** - Design as free labeling (see image below)

Art. No. 700





## Premium - Labeling:

- 5-sided (rear, side & front panels)
- complete, full-surface digital print with UV-protective laminate
- Colours or motive as desired

**Inclusive:** Design (3 drafts in advance), final artwork, image rights, print preparation, print and professional glueing

### Advantages:

- sealed foil edges (under the seal)
- Trailer immediately ready for use
- No cleaning and dismantling work required
- No need to cut the foil to fit size of lights/closures etc.
- enormous time saving

Sample price for the BIKELINER 36  
2.350 €

## Standard - Labeling:

Cutted foil labeling on the pure trailer  
Design and execution according to expense



# SIMPLY RENT & TEST



## Convinced? If not yet, just test it!

Art. No. 900

### Experience the **BIKELINER**® live and rent it flexible

A test drive gives you valuable feedback from drivers and customers. You can experience the **BIKELINER**® live in action without any obligation. So you can test our product and our service yourself.

As an expression of thanks, we will deduct up to one week of charge for such a test drive if you later decide to purchase one of our trailers.

All **BIKELINER**® can be transferred or picked up by any towing vehicle with a towing capacity of 2 tons or more. Each vehicle has a height-adjustable drawbar, multi-volt LED lights and all corresponding cables.

The trailers are collected and returned at the Wallersdorf (or Liberec, CZ) location. Ideally, the vehicles can be handed over directly **from customer to customer**, which can significantly reduce procurement costs! At least one handover day before and after an appointment is included free of charge.

Collegial and flexible bus operators help a lot to get the most out of it for everyone. This avoids empty runs and unnecessarily long waiting times.

- All vehicles have fully comprehensive insurance (except cargo), deductible 500 €
- any number of drivers
- commercial rental is also insured
- EU area of operations (with the exception of a few eastern states)
- approx. 10 test or rental trailers available

**Rent the **BIKELINER**® on a daily basis or flexible for the whole season (limited contingent).**

Get a 100% of one weekly rent deducted from the purchase price if you decide to make a purchase afterwards.

**Rental enquiries via [www.bikeliner.com](http://www.bikeliner.com)**

Price for 1 week  
just 550 €

**BIKELINER.com**®

# LUGGAGE LINE



## Flexible use: as a large-capacity transporter or with **BIKELINER®** loading system

### Perfect transport of luggage:

Transport up to 2.5 tons of luggage including theft protection and professional cargo securing.

If required, the Luggage Line can be extended with an individual expansion or equipped with a removable **BIKELINER®** bicycle cargo system.

### Adapt the Luggage Line to your needs:

Dimensions, design and equipment can be freely changed thanks to individual production.

All options available in the **BIKELINER®** can be integrated into the Luggage Line.

A total vehicle length of 4.60 m is manufactured as standard. Ideal for any 14 m bus.

The Luggage Line can do much more: All towing vehicles between Vito and double decker are possible.

Luggage Line superlatives: on up to 8 m<sup>2</sup> loading area (or over 17 m<sup>3</sup> volume) almost everything can be loaded and properly secured. Starting from sensitive musical instruments (air conditioning possible) to motorcycles and furniture, from Smart to Segway - we can offer the optimal load securing.

No matter what you want to transport. We have the perfect solution.

### Most popular add-on:

510 **Folding part rack** for rail replacement transport. Up to 12 e-bikes.

Safe loading in under 5 minutes!

511 **Removable **BIKELINER®** loading system**

up to 24 e-bike storages inclusive transport and storage rack on wheels

Advantage: in the summer: bicycles, in the winter: ski equipment and always luggage transport



# SERVICE



## Perfect service - anytime and in any situation:

Did you have an accident or did your car break down on the road? We will be there to help you!  
**On request with our 24-hour on-site service.**

As a small enterprise we enjoy short decision-making paths and have ready access to competent points of contact – allowing us to offer an extensive range of services to benefit you as an entrepreneur: because your customers are sure to notice any incidents on the road as well as any fast and efficient solution to your problems

- Our two mobile service vehicles will assist you throughout all of Central Europe in case of accidents to make sure that you will keep your promises to your customers. Overnight repair also possible.
- Approx. ten rental and test trailers are available - in an emergency also for direct vehicle replacement, e.g. after an accident.
- We keep all wearing parts for your **BIKELINER**<sup>®</sup> on stand-by and will either dispatch them right away by (overnight) express shipment or delivery and install them directly on site, if requested.
- We are also happy to assist your damage evaluator or to provide you with direct cost quotations for insurances. We will also be happy to offer any maintenance or retrofit works, or even training classes for your staff.

We enjoy excellent, sustainable customer relationships throughout all of Central Europe, allowing us to arrange for fair help on site at very short notice.

Of equal importance to us are your critical comments and suggestions for improvement. Our products are subject to ongoing improvement and optimization processes to best serve our customers' needs! That is why during the past 20 years, our **BIKELINER**<sup>®</sup> bicycle cargo system has evolved into a perfect, well-conceived and inviting workplace for your staff and drivers!



**BIKELINER®**

Herstellung & Vertrieb

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**BIKELINER.com®**