

# Fleet Solutions

Mobility · Efficiency · Responsibility

**ALUCA**<sup>®</sup>  
born of conviction



Our customers' targets are many and varied. Mobile services today have to meet ever more complex requirements and overcome new challenges.

For more than twenty years now, we've been designing specially tailored solutions with in-vehicle racking systems made from aluminium plus a matching portfolio of services. A great deal of passion and commitment go into every project we undertake.

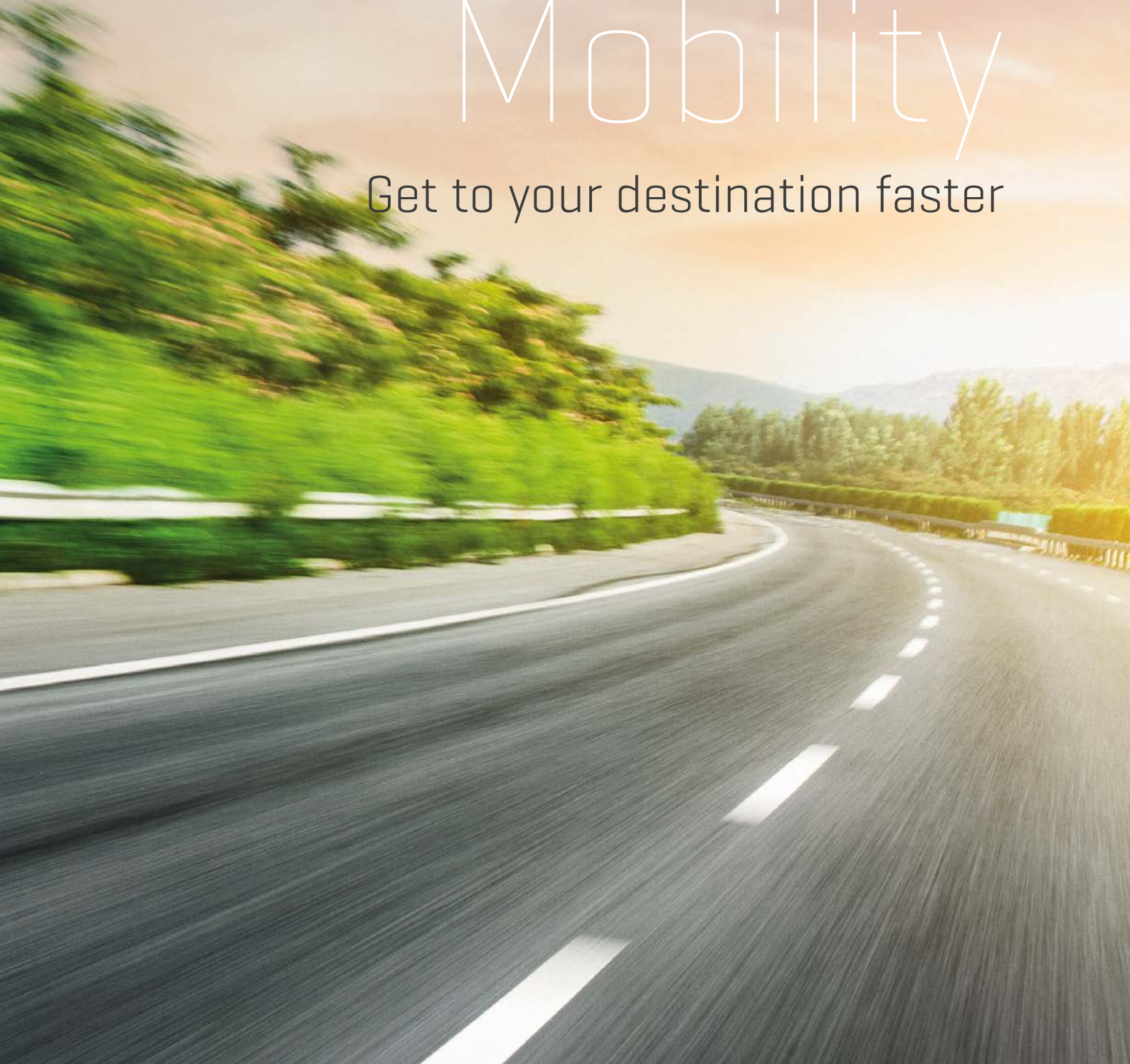
## Van racking systems in 100% aluminium

born of conviction —————



# Mobility

Get to your destination faster



## Why ALUCA?

### **Tailor made**

Planning determined by customer requirements

### **Made in Germany**

All production takes place in our home country

### **Payload reserves**

More payload because we make exclusive use of aluminium

### **Customised fittings**

Manufactured to individual customer specifications

### **Fleet solutions**

Services specifically for fleet operators

### **Certifications**

Products, processes, quality, environment, safety

# Solutions for efficient work processes



Your service vehicles are equipped with special racking systems to enable your service technicians, fitters and other specialists to carry out their work as quickly and efficiently as possible. By keeping everything tidy and perfectly organised, these systems add considerable value and ensure optimal safety and ergonomics for drivers and users alike.

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## ALUCA dimension2

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ALUCA dimension2 brings optimum organisation in drawers designed to suit requirements. These can be pulled out at the rear or side when the sliding door is open.

Thanks to our large-volume drawers, your in-vehicle racking is accessible at all times, even if the cargo space is fully loaded.





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## System ALUCA

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ALUCA's modular system is undeniably impressive. When planning your in-vehicle racking, you can incorporate countless optional components. You obtain the optimum combination of a cargo restraint system and a mobile workshop.

Choose between preconfigured modules and an entirely individual racking system tailor-made to your requirements.



# Aluminium at its best



## Weight

Aluminium is three times lighter than steel, with an optimal strength-to-weight ratio.

That's why aluminium is used for even the most complex transport tasks in railway or aerospace applications.



## Corrosion

Aluminium is a very robust material which, after it is manufactured, rapidly forms a thin layer of oxide that covers the surface and prevents corrosion.

It is ideal whenever durability is a vital requirement, also in harsh or humid environments.

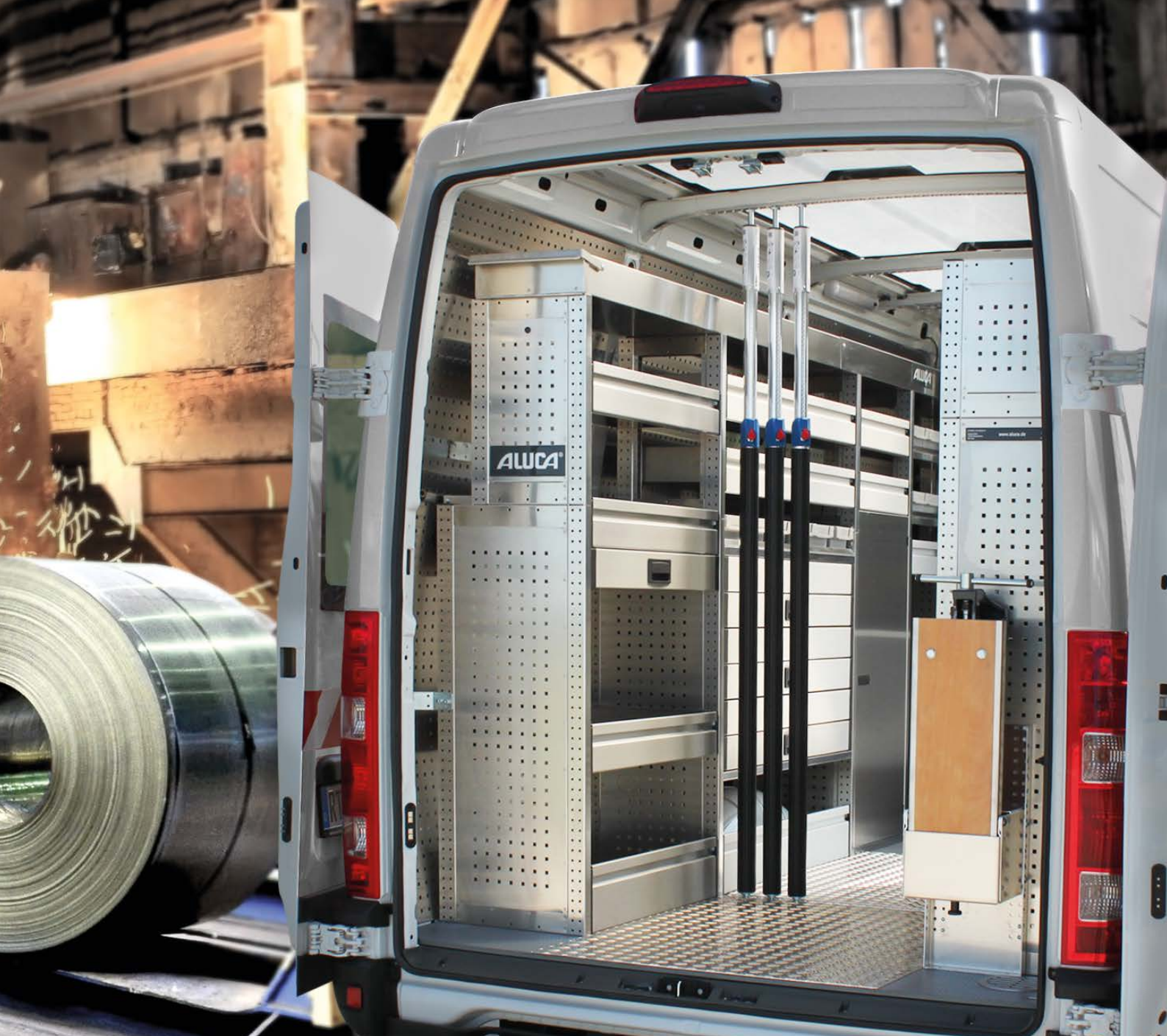


## Recycling

Aluminium is a valuable raw material. It is 100 % recyclable in an efficient ecological cycle.

Petroleum based materials are said to be "downcycled" because the raw materials recovered can only be converted into products of lesser quality.





### Strength

The aluminium alloys employed by ALUCA are just as strong as structural steel – in other words, they offer twice the strength of glass-fibre reinforced plastic, four times that of thermoplastics and ten times that of plywood.



### Torsion

Typical bodywork torsion is absorbed by the fixed aluminium parts, so that no loads are exerted on the bodywork at the attachment points. This is an important factor in the long service life of all ALUCA products, especially on construction sites or when driving off-road.



### Other positive features



Easy to process



High payloads



Simple to clean



Little maintenance



« What I particularly  
appreciate ... »





Practical advice

Comfortable handling

Economy

Safety

Environmental action





# Good answers to good questions

## ■ How does ALUCA define "Made in Germany"?

Products made by ALUCA are manufactured exclusively in our home country, at our headquarters in Rosengarten in south-west Germany. Many of our suppliers reside directly in the local area, which provides excellent conditions for business enterprises. Short transport distances are very important as part of ALUCA's commitment to sustainability. Our vendor selection process for raw materials, accessories and services is nearly always confined to the German market.

## ■ Where is ALUCA positioned in the market?

ALUCA is a leading manufacturer in the market for in-vehicle racking systems with a reputation as a premium supplier. Our product range is regularly extended and improved in response to changing market requirements. Our strong position in the market is largely attributable to the stability and durability of ALUCA products. ALUCA's most valuable asset, however, are our team of motivated, dedicated staff, without whom our ongoing business success would not be possible.





#### ■ Where can I buy ALUCA in-vehicle racking systems?

ALUCA works hand in hand with independent specialist dealers. In addition to expert product planning, our national and international distributors offer a comprehensive set of services including assembly and the installation of accessories. Fleet customers are supported by a key account team familiar with the specific needs of this target group, no matter whether they operate within Germany or anywhere else in Europe.

#### ■ Why does ALUCA manufacture entirely from aluminium?

An objective comparison of systems and product philosophies leaves no room for doubt: ALUCA makes the lightest in-vehicle racking systems in the market and sets benchmarks in terms of stability and robustness. ALUCA products owe these positive attributes to the consistent use of aluminium – an innovative material which today's automotive industry cannot do without. ALUCA rejects the use of petroleum based materials because no efficient ecological cycle exists.

# Efficiency

« Definitely a worthwhile  
investment »







### One-stop shop

Fast and efficient workflows – with everything from one source.

In addition to in-vehicle racking systems, ALUCA offers an extensive range of services.



### Total cost of ownership

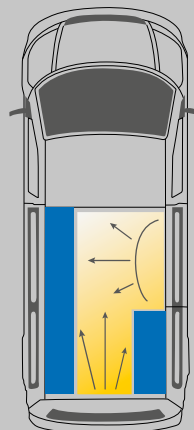
Up to 50% lighter than other, similar in-vehicle racking systems made of steel.

Lower fuel consumption and vehicle wear.



### Downsizing

ALUCA dimension2 has a second loading floor that stops you having to continually rearrange your cargo. Thanks to our large-volume drawers, items that would otherwise be stowed away in inaccessible corners are now visible in a flash.



The vehicle footprint is transferred from the inside to the outside, enabling precious cargo space to be utilised more efficiently. In many cases, a smaller vehicle suffices.



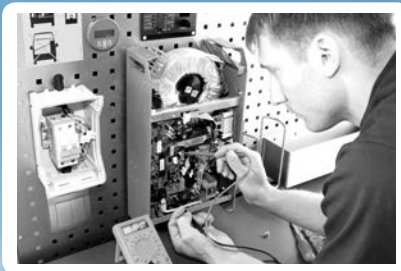
### Lifecycle

It's not uncommon for an ALUCA in-vehicle racking system to last for 10 or 15 years. Our systems can even be used across several development cycles.

# ALUCA fleet solutions







## One-stop services

- Individual determination and planning of requirements
- Coordination of services [e.g. PDI]
- Customised solutions and components
- Installation of mobile power supply equipment
- Installation of electronic accessories
- Retrofitting of special equipment
- Vehicle wrapping and reflector strips
- Transport of vehicles to the destination of use
- Wheels and tyres



# Social

« Fleet managers also bear  
responsibility for mankind  
and the environment »



## Reduced CO<sub>2</sub> emissions

Weight saving achieved with aluminium also means lower fuel consumption.



## Ergonomic planning

ALUCA in-vehicle racking systems help simplify workflows and reduce the risk of injury to a minimum.



## Top marks in crash tests

Optimal protection of passengers guaranteed in the event of an accident.



## Minimised risk / legal certainty

Less risk of overloading because the in-vehicle racking system is ultra-light-weight. The cargo is easier to restrain.



## Recycling

ALUCA in-vehicle racking systems have no painted surfaces and can be recycled without any problems.





# Responsibility

MADE   
IN   
GERMANY 

« Aluminium

born of conviction »

### Rich in tradition

Friedrich Beißwenger, founder of ALUCA, knows everything there is to know about sheet metal-working. Originally a craft undertaking, ALUCA has grown under his leadership into a modern industrial company in which traditional values like reliability, value preservation, close contact with customers and personnel development are still held up high.

### Pioneering spirit

ALUCA generates important momentum for development with innovative, lightweight racking concepts attuned to market needs and strives continuously to optimise the payload available to end users. Numerous solutions developed from scratch and the establishment of a sales network spanning the length and breadth of Europe are milestones in the ALUCA success story.

### Solution driven

ALUCA offers a comprehensive portfolio of services to fleet operators.

1994



1st ALUCA racking system

1998



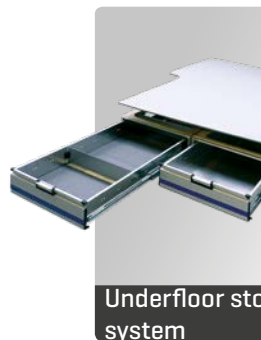
AluM

2002



AluV

2004



Underfloor storage system



# Ideas given shape



2009



Storage



System ALUCA

2012



ALUCA dimension2

2014



Drawer for BOXXes

## Robust endurance runners on any surface





# 16 293 610

metres away as the crow flies is the home of ALUCA's most distant customer.

# 1 000 000

kilometres or more on the road are not uncommon for our products.

ALUCA in-vehicle racking systems can even be used across several development cycles.

# 49.072692 9.723901

is where you'll find us.  
These are the GPS coordinates of our facility in Rosengarten.

# 9043

kilometres – an ALUCA in-vehicle racking system travelled this distance during the Dakar Rally and survived unscathed.

# 1 725

different combinations are possible with the System ALUCA.

With so many unit widths, heights and depths to choose from, you can make optimal use of your cargo space.



Another destination reached!





MADE   
IN   
GERMANY 

**ALUCA<sup>®</sup>**

**ALUCA GmbH**

**Van racking systems in 100% aluminium**

Westring 1  
74538 Rosengarten / Germany

Tel. +49 791 950 40-0  
Fax +49 791 950 40-20  
[info@aluca.de](mailto:info@aluca.de)  
[www.aluca.de](http://www.aluca.de)