

**PDE**  
PRIME DESIGN EUROPE



ULLSTEIN  
CONCEPTS  
GMBH



**AluRack** **PDE**

THE PERFORMANCE ROOF RACK  
SOLUTION FOR **EVERY MISSION.**



# THE NEW STANDARD

AluRack is the result of intensive, proprietary engineering and testing to deliver strength and performance to the very last detail. Where competitors use plastic and steel, PDE products deliver uncompromised quality with all aluminum components using plastics to seal fittings eliminating rust and ensuring the lifespan of the product and your vehicle.

The AluRacks sleek design gives vehicles a professional look and has become a recognised and sought after product with LCV based businesses.



## ALURACK ADVANTAGES



### ADVANCED DESIGN

AluRack is our aerodynamic aluminium roof rack that delivers improved efficiency and safety in daily business.



### BUILT TO LAST

Anodized aluminium design is corrosion-free resists any weather conditions and carries a bigger payload.



### ECO FRIENDLY & FUEL-EFFICIENT

Light-weight aluminium and aerodynamic design reduces fuel consumption and wear. 100% recyclable materials.



### EASY MOUNT

Uses existing mounting points with our flex-rail or channel. **NO DRILLING IN VEHICLE.**



### PERFORMANCE FEATURES

Multifunctional accessories for every job. S-Clamp enables fast, safe ladder and material transport.



### 3 YEAR WARRANTY

Prime Design Europe guarantees its products against material and production defects for a period of 3 years.

# AluRack PDE

Aerodynamic aluminum roof rack that delivers improved efficiency and safety in daily work including ladder transport.



**DESIGN & ENGINEERING ON ANOTHER LEVEL**

**SEE MORE:**

[www.ullsteinconcepts.com](http://www.ullsteinconcepts.com)



# ALURACK FEATURES

AluRack is fully adaptable to optimise for your specific work. Quickly add and remove useful bolt-on accessories effectively making the job faster and safer.



## 1. ALUMINIUM RAIL CONNECTORS

strengthens the side rails by connecting the top and bottom rail with a bolted aluminum assembly instead of plastic.

## 2. S-CLAMP

Quickly secure ladders for transport with a turn of a lever.

## 3+4. CONDUIT TUBE / SPLIT TUBE

Transport pipes and long materials with ease. Conduit tube keeps your items dry, clean and safe. 3m+ conduit tubes are shippable in 2 or 3 sections.

## 4. MOUNTING POINTS

preserves your vehicles roof, holes or gutter. NO DRILLING OR WELDING!





### LIGHT & AERODYNAMIC

Light-weight anodized aluminum with an aerodynamic design that perfectly follows the contour of the vehicle. AluRack is about 30% lighter than similar steel products.



### CROSSBAR OPTIONS

Crossbars are available in 2 sizes. The larger allows for the transportation of the heaviest loads without compromising on aerodynamics and fuel efficiency.



### ADAPTIVE ACCESSORIES

Large selection of accessories that adapt AluRack perfectly to any job and improve ease and speed of operations.



### CHANNEL MOUNTING SYSTEM

AluRack is mounted utilizing the gutter or existing tie-in points on the vehicle roof, with or without adapter channels that absorb additional impact. Ideal for leasing fleets.



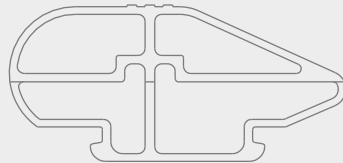
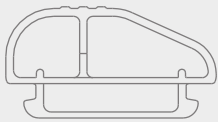
## OUR FLAGSHIP ROOF RACK REINFORCED FOR THE DEMANDS OF CONSTRUCTION.

AluRack Construction is the strongest version in the product line. The carrying capacity for heavy-duty transport is improved by using larger, stiffer crossbars adding structural stability while keeping the aerodynamic design. This product guarantees silent travel, and minimizes fuel consumption while transporting the maximum payload your vehicle can take.

## CARRY THE MAXIMUM PAYLOAD

Two crossbar options for your AluRack

CROSS SECTION VIEW



### STANDARD CROSSBAR

Height: 25 mm, Width: 45 mm

### CONSTRUCTION CROSSBAR

Height: 35 mm, Width: 70 mm

DO NOT EXCEED THE MAXIMUM ROOF LOAD RECOMMENDATION INDICATED BY THE VEHICLE'S MANUFACTURER!

# PICKUP READY

## FITS EVERY TYPE OF PICKUP

With its patented design, AluRack for Pickup mounts to the bed sides of the vehicle without drilling (in most cases) and is, therefore, the most flexible installation solution available. It optimizes your loading capacities. The lightweight and yet rugged design offers fuel economy and a rapid payback period.



### ADVANTAGES

1. Optional side rail, rollers, and crossbar for easy (un)loading.
2. Mounting system without drilling (in most cases) compatible with most pickup sides.
3. Adjustable cargo stops are easily repositioned and have a hook that provides convenient tie-down points. Crossbars with anti-slip rubber surface.
4. AluRack solutions for pickups with hardtops are also available.  
\*Mounting requires drilling.



# THE MOST ADVANCED MOUNTING SYSTEM ON THE MARKET

The PDE mounting system is the result of 10+ years of R&D and engineering. The result is far more than a system that allows any PDE product to be mounted to any LCV model. Designed and manufactured 100% inhouse at our factories, the PDE mounting system is engineered in every aspect to improve the performance of your PDE roof rack product, and the lifespan and value of your vehicle.



## ADVANTAGES

### 2 CHANNEL TYPES

Stiff channel for flat vehicle roofs  
Flex channel for curved vehicle roofs

### POSITIONING & DISTRIBUTION

Installation becomes independent from the location of the standard mounting points of the car manufacturer, giving you full control of how you position your rack product.

### PROTECTS VEHICLE

Save on costly damages to vehicle bodywork and mounting points. The PDE mounting system includes strategic points of compliance to absorb impact and break before damage is done to the vehicle itself.

### ADAPTIVE TO ALL PDE PRODUCTS

All PDE roof products use the same mounting system meaning you can change out your rack system depending on the specific usage of your vehicle.

### TOP LEVEL FABRICATION

All aluminium assembly, weatherproofed with rubber seals and endcaps avoiding corrosion and saving weight.

**SEE MORE:**

[www.ullsteinconcepts.com](http://www.ullsteinconcepts.com)



# CERTIFIED CRASH SAFETY

## TÜV SÜD CRASH TEST

The AluRack was challenged during a dynamic city crash test by TÜV SÜD Czech Republic. (DIN ISO 11154/attach. E). The roof rack was installed on a van roof and loaded with the maximum capacity of 181 kg (rack's weight was 19 kg). A crash at driving speed was simulated on a test sled, creating a front-end-impact. At this crash impact, the load and roof rack did not shift during the crash test and kept their position on the roof. A proof of the safety of PDE's AluRack.



## FLANDERS' DRIVE DURABILITY TEST

During a test conducted by Flanders' Drive, the durability of AluRack (width 1650 mm) was evaluated on a hydraulic test rig using a uni-axial excitation. The test consisted of two parts. First part a van equipped with accelerometers was driven over a test track. In the second part, the output of the vibrations measured during the test track was used to replay these signals on an AluRack mounted on a hydraulic actuator. The function of AluRack, supporting a distributed payload of 150 kg and subjected to road excitations, was completely fulfilled during the entire length of this durability test.





# Accessories+ PDE

Accessories+ allows you to set up AluRack for your specific job. All products are made from 100% aluminium and ABS.



## BEACON MOUNTING BRACKET

Several solutions for beacon installation are available including a bracket for crossbars and side rails.



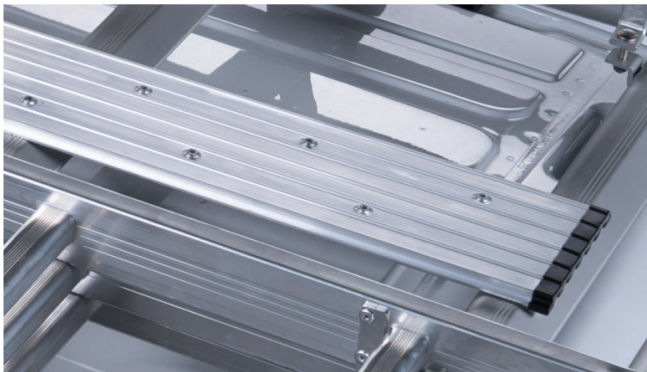
## ROLLER FOR ALURACK

The roller can be easily installed at the rear of the roof rack, ensures comfortable (un)loading of long items.



## ALUMINIUM CONDUIT TUBE

Conduit tube (2 - 6 m long by 125mm squared), lockable on both sides and mounts with a bracket onto crossbars. Conduit tubes over 3m+ shippable in 2 or even 3 sections.



## PLATFORM ELEMENTS

Aluminium ribbed profiles can be mounted on top of the crossbars to form a cargo platform.



## ADDITIONAL CARGO STOPS

Rubberised cargo stops can be attached at any point on a crossbar to keep your cargo in place.



## REAR LADDER

Our light, aluminium rear door ladder can be mounted by one person without drilling into the vehicle, avoiding damage to the bodywork.



(Un)loading a ladder can be reduced from 240 seconds (4 min.) to 20 seconds - an 80% reduction. This efficiency and the reduction of work related injuries and damages make AluRack a high-ROI product.

## S-CLAMP FEATURE

STRONG ROI BY DESIGN



### EASY TRANSPORTATION OF LADDERS ON LOW ROOF VEHICLES

Easy and efficient transportation of light step and extension ladders on low roof vehicles is possible with the S-Clamp which secures the ladder with a gas spring assisted hook. The hook at the front of the rack assists the operator to position the ladder on the roof rack. With the lever handle, the operator rotates the rear hook to an upright position which fixes the ladder for safe transportation.

**No straps and ties are required and the ladder is locked in place preventing theft.**

## AluRack PDE



## ErgoRack PDE



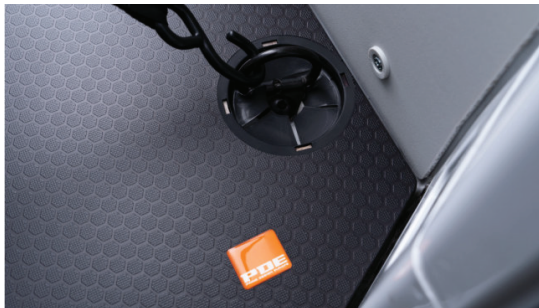
## AluBars PDE



## ErgoBACK PDE



## Protection PDE PRODUCTS



## GlassRack PDE



## CONTACT US FOR MORE INFORMATION ABOUT OUR AWARD-WINNING PRODUCTS.

Prime Design Europe is one of the leading manufacturers of performance rack systems and interior products for LCV. We develop and manufacture innovative and patented product lines (AluRack®, ErgoRack™).

Prime Design Europe distributes through partners and specialists and is one of the leading roof rack specialists in Europe. Our facilities in Belgium, Denmark and Bulgaria support customers and dealers locally. Design, manufacturing, and assembly is carried out where our significant warehouse capacity allows for prompt deliveries.



Prime Design is a partner of the Austrian initiative for safe transport: [www.sicher-transport.eu](http://www.sicher-transport.eu)

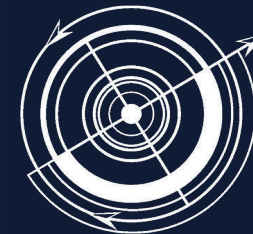


Prime Design Europe has been selected and an official partner of the 'Van Excellence Code' that aims to enhance standards of van operator compliance.



With our ISO 9001:2015 and ISO 14001:2015 quality management system, we guarantee the highest standards are applied to the sales and distribution of our products. We have defined the appropriate benchmarks for each step in the production and order process. This allows us to evaluate the quality of the work we deliver on an ongoing basis.

Prime Design Europe roof racks are protected by patents.



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