

AluRack[®]

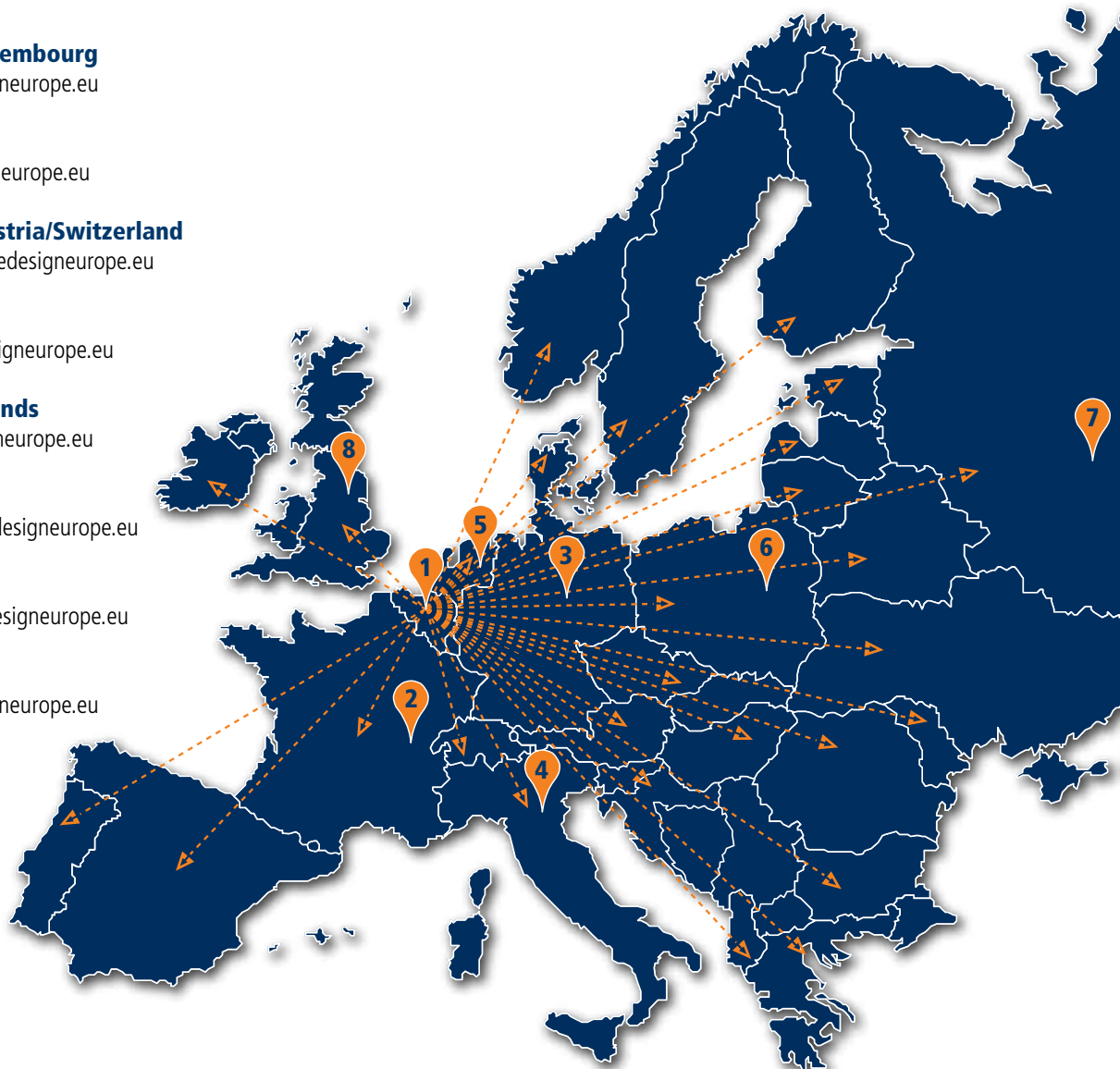
BY PRIME DESIGN

The state of the art
roof rack solution
for each and every
possible mission.



Ask your Prime Design Europe specialists throughout Europe for more information about our award winning products!

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Award Winning Solutions



Prime Design Europe is one of the leading manufacturers of patented roof racks. We develop and manufacture innovative and patented product lines (AluRack®, ErgoRack™).

Prime Design Europe distributes through partners like bodybuilders, van dealers and van conversion specialists and is one of the leading roof rack specialists in Europe. Our offices in Poland, UK, Italy, Russia, Germany and France support customers and dealers locally. Design, manufacture and assembly is carried out at our European Headquarters in Belgium where our significant warehouse capacity allows for prompt deliveries.



Prime Design Europe is partner of the Austrian initiative for safe transport: www.sicher-transportieren.eu



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



With our ISO 9001:2008 quality management system, we guarantee the highest standards are applied to the sale 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 one or more of the following patents: 5,297,912; 6,092,972; 6,099,231; 6,202,807; 6,427,889; 6,764,268; 6,971,563

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AluRack®

BY PRIME DESIGN

AluRack will fit on most vehicle types: regular vans with short or long wheelbase and standard or high roofs, pickups or utility trucks. The aerodynamic aluminium roof rack assures improved efficiency and safety in daily business. Adjusted to the existing roof design, AluRack gives the vehicle a highly dynamic look.

AluRack comes with a variety of accessories for easy loading.



AluRack advantages



AluRack is the **most ergonomic way** to secure ladders on your roof rack.



Multifunctional accessories for every possible use.



Eco-friendly & Safe! **100 % recyclable** materials are easy on the environment.



AluRack's anodised finish is **corrosion free** and challenges any weather condition.



Modern design gives the vehicle a highly dynamic look. Using **existing mounting points**.



Conduit tube and S-Clamp allow **fast and safe** ladder and material transport.



Aerodynamic design **reduces fuel** consumption and wear. Moreover it ensures almost silent travel.



The aluminium design (max 35% of roof load) allows a **bigger payload** to be carried on top of the rack.



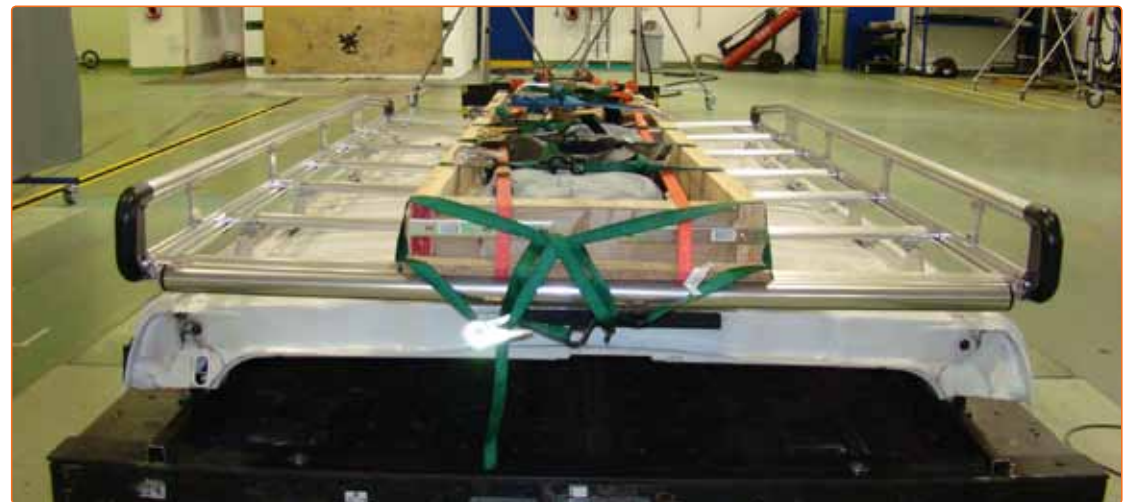
Prime Design Europe **guarantees** its products against material and production defects for a period of **3 years**.



Successful AluRack tests

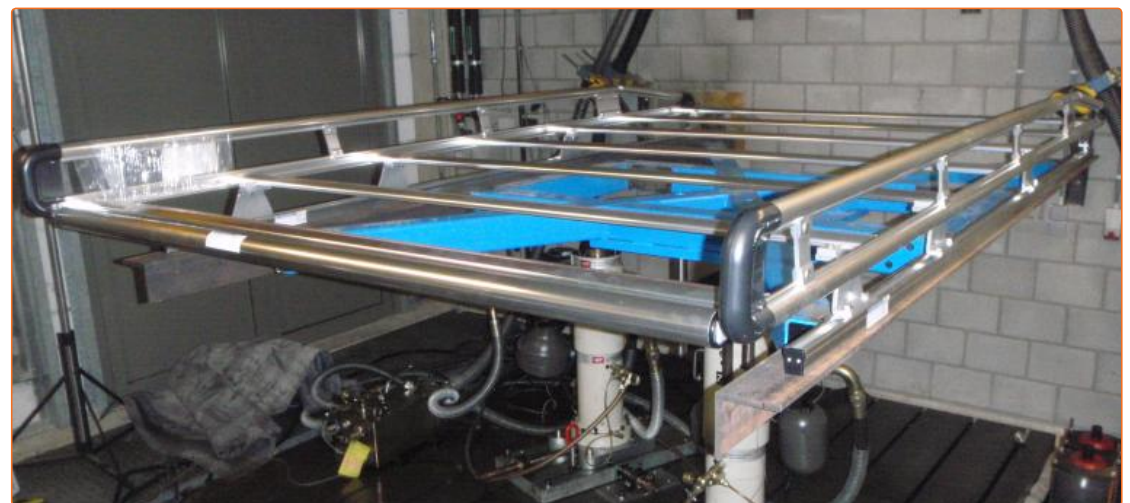
Successful AluRack Crashtest

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). With the speed of 18 km/h the test sled had 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 Prime Design Europe's AluRack.



Durability test

During a test conducted by Flanders' Drive, the durability of AluRack (width 1650 mm) was evaluated in an accelerated way on a hydraulic test rig using a uni-axial excitation. The test consisted in two parts: in the 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 were used to replay these signals on 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.





The complete roof rack family of your choice

Light & aerodynamic design

The roof rack with its light anodized finish in an aerodynamic design follows perfectly the contour of the vehicle. With its weight of max 20-30 kg it is about 30 % lighter than a similar steel version.

Crossbar options

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

S-Clamp

With one single touch, without any additional ties and straps, ladders can be fixed easily on the roof.

Mounting points

Mounting an AluRack to the roof utilises gutter or existing tie-in points, with or without adapter channels which can absorb additional impact. Ideal for leasing fleets.



AluBars™ PRIME DESIGN

the simple, yet inevitable roof rack

Perfect to the minimalist, **AluBars** consists of two bars with channels and mountings. According to the length of the vehicle more crossbars can be fixed in the channels. Depending on load challenges several accessories can be added.

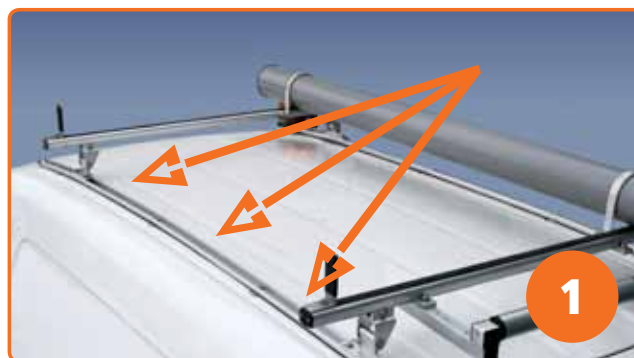
AluBars are available for any size and type of vehicle and purpose.

The economical cargo solution



AluBars Specifications

1. The mounting channel uses the existing mounting points and follows the roof contour.
2. An adjustable mounting system for optimal positioning of rack installation.
3. Rubber surface and cargo stop to keep your cargo in place.
4. Straps or ties are required to fully secure the load.





AluRack™

BY PRIME DESIGN

Your roof rack of choice for every type of vehicle

With its highly dynamic look, AluRack fits every type of vehicle, short or long wheelbase, regular or high roof. Discover its high carrying capacities.



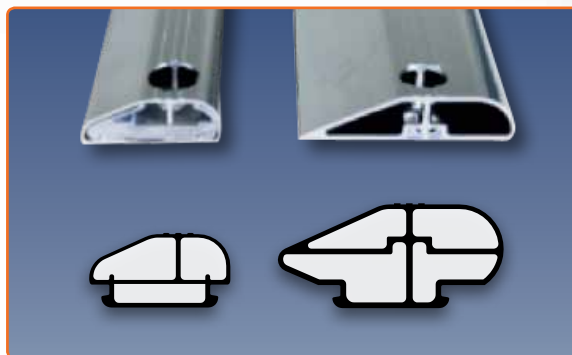
AluRack™

CONSTRUCTION

Carry even heavier loads

AluRack Construction is the strongest version in the family. The carrying capability for heavy duty is improved by using stiffer crossbars keeping the aerodynamic design.

The lightweight combined with structural stability allows to carry the maximum payload of the vehicles and even more. Despite the bigger size of the crossbars, silent travel and almost minimized fuel consumption are guaranteed.



Two crossbar versions meet every need of load capacity.

Standard Crossbar: Height: 25 mm, Width: 45 mm

Construction Crossbar: Height: 35 mm, Width: 70 mm

AluRack™

PROFESSIONAL PICKUP

optimizes the loading capacities

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



Specifications

1. Lightweight aluminium construction saves fuel.
2. Optional side rail, rollers and crossbar for easy (un)loading.
3. Mounting system without drilling is compatible with most pickup sides.
4. Adjustable cargostops are easily repositioned and have a hook that provides convenient tie-down-points. Crossbars with anti-slip rubber surface.
5. AluRack solutions for pickups with a hardtop are available as well.



AluRack Accessories



Beacon mounting bracket

With special mounting brackets the beacon may be mounted onto the crossbars.



Aluminum conduit tube

Conduit tube (2 - 5 m long by 125mm squared), lockable on both sides. Mounting with a bracket onto crossbars, so that the interior space can be completely used for loading.



Padlock prevents theft

Padlock prevents against theft of the ladders.



Conduit tube bracket

Special round brackets to fix standard plastic tubes.



Platform elements

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



S-Clamp

Discover the details of the S-Clamp on the next page. ➤



Roller for AluRack

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



Roller for AluBars

The additional roller for easy (un)loading of long objects on AluBars.



Ladder

The back door ladder in light aluminium can be fixed by one person to the vehicle without drilling, thereby avoiding any damage of the bodywork.

S-CLAMP - 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. Every S-Clamp 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. By using the handle, **the hook in the back** comes in an upright position and **fixes the ladder for safe transportation**. **No straps and ties** are required. The use of a **padlock** prevents easy theft of the ladder.



Benefit

An important effect is the reduction in handling time: the time to (un)load a ladder can be reduced from 240 seconds (4 minutes) to 20 seconds which is a reduction by 80%. This is an investment with a high ROI.



Meet the full product range.

In addition to **AluRack**, Prime Design Europe offers a complete product range of roof rack systems to meet your personal needs.

ErgoRack is the safest, quickest and most ergonomic way to transport ladders on your van. The patented design is operated from the ground with an ergonomic handle. Independent of the height of the vehicle, this ladder lift brings the ladder easily up and down from the roof.

Discover all our roof rack products and accessories online
or ask your Prime Design Europe specialist for more information.

www.primedesigneurope.eu



Your Prime Design Europe dealer



ErgoRackTM
BY PRIME DESIGN

