

PRIME DESIGN™
THE ROOF RACK SPECIALIST

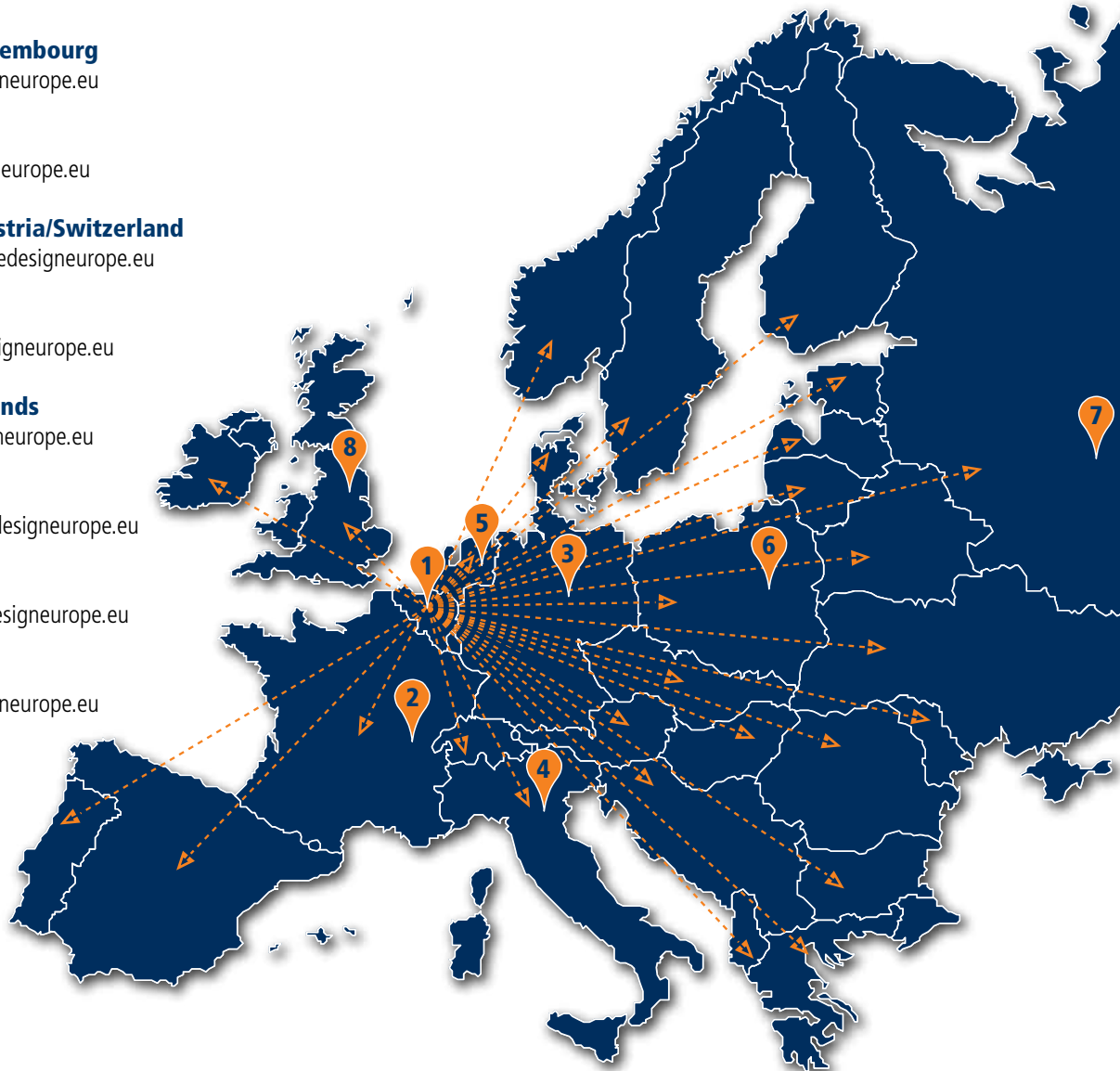
ErgoRack™
BY PRIME DESIGN



The unique ergonomic
ladder rack solution
for any 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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With its light aluminium construction, ErgoRack accounts for only one third of the van roof payload. Our ergonomic system, with its patented design, allows for the safe and quick removal and securing of ladders from the ground, whatever the height of the vehicle.

Ergonomic advantage

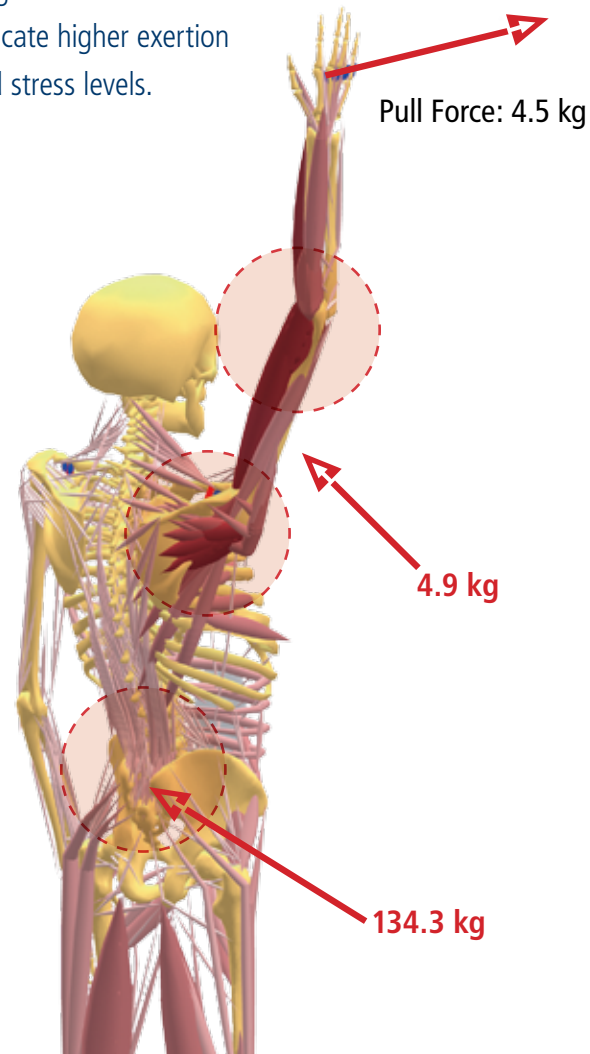
Unlike many other methods used to remove and secure ladders to the roof of a van, ErgoRack causes minimal stress to the lower back and shoulders during operation. Ladders are clamped automatically to the system from the ground, eliminating the need to reach and climb. The graphic shows how correct ergonomic movements ease the impact the body experiences to exert the same amount of force. Two thirds of the physical stress can be prevented with ErgoRack.



Discover the unique ergonomic advantage

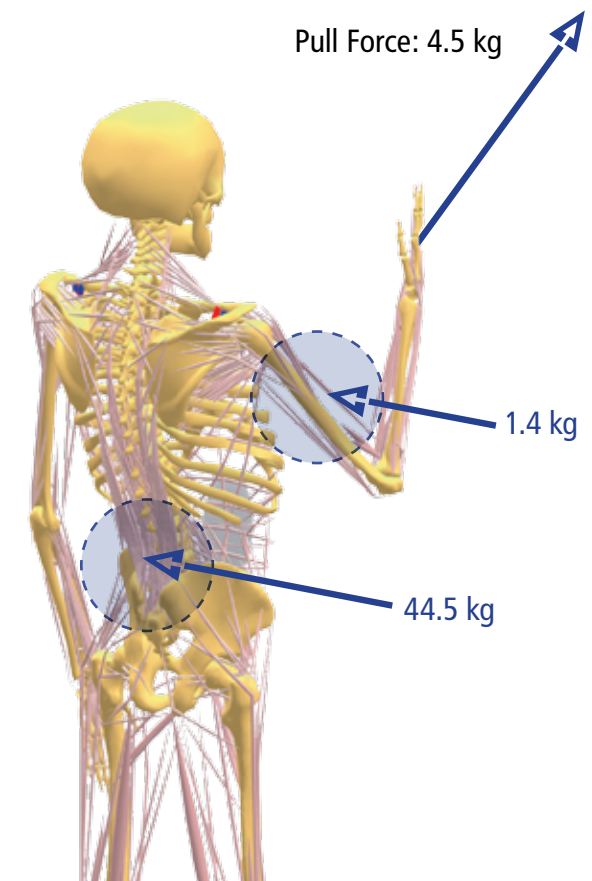
✗ Traditional ladder rack solution

Larger and darker muscles indicate higher exertion and stress levels.



✓ ErgoRack solution

Two thirds of the physical stress can be prevented by the use of the ergonomic ErgoRack system.



Features of the unique ladder rack solution

Suited for all types of ladders

The brackets can be adapted to required types and sizes of ladders.



Auto Clamp

With the patented Auto Clamp, ladders are secured with the turn of a handle and no additional clamps or straps.



Mounting points

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



Hydraulic cylinder

The hydraulic cylinder breaks the movement of the ladderlift for smooth operation.



Padlock

The use of padlocks protects against theft of the ladders.



Operating handle

The ergonomic handle brings the ladder up and down from the roof and is always operated from the ground.



ErgoRack S-Clamp

Easy and efficient transportation of light step and extension ladders on low roof vehicles. Every S-Clamp secures the ladder firmly with a **manually operated handle**. The horn at the front of the rack assists the operator to control lifting up or lowering the ladder from the rack. Two hooks clamp the ladder in place for safe transportation.

For ladders up to 55 kg



To load and unload:

Lean the ladder against the front horn and lift it onto the rack. Turn the handle to swing the hook upward and clamp the ladder tight into place.



1



2



3

ErgoRack Rotation

ErgoRack Rotation brings the ladder down to the side of the vehicle in a **horizontal position**: suitable for ladders up to 35 kg. ErgoRack for high roof vehicles is equipped with a supplementary slide to lower the ladder to the correct ergonomic height. The operator can easily (un)load the ladder standing firmly on the ground. Lifting heavy loads above the shoulders and climbing on the van is avoided and the risk of injury reduced considerably.

For ladders up to 35 kg





ErgoRack Inclined

ErgoRack Inclined is suitable for ladders up to 55 kg and brings the ladder down in an **inclined position**, again on the side of the vehicle. The slide for high roof vehicles is also available for ErgoRack Inclined. The risk of potential back injuries is strongly reduced when operating ErgoRack from the ground.

For ladders up to 55 kg

ErgoRack operating procedure

Universal, easy and safe

Irrespective of the height of the vehicle, the Prime Design Europe ladder lifts allow for easy, fast and safe (un)loading of any ladder. The hydraulic cylinder regulates the glide speed, breaking the movement of the ladder lift for smooth operation by the operator.



3 - High roof vehicles: lift the slide upwards until it is fixed;



1 - Put the ladder on the front support;



2 - Lift the rear end of the ladder onto the second support;



4 - Pull the handle to rotate the ladder onto the roof walking backwards with your arm straight;



5 - The Auto Clamp secures the ladder without additional straps or clamps. Attach a padlock to prevent theft.

ErgoRack advantages



ErgoRack is the **most ergonomical way** to secure ladders on your roof rack. It is always operated from the ground. This minimises 2/3 of the impact to the lower back and shoulders.



ErgoRack is **corrosion free** and fits to existing van mountings, maintaining vehicle residual values.



Light aluminium design **saves fuel** and enhances the cargo capacity.



ErgoRack in **different varieties** – according to request and vehicle types – saves time, money and assures safe operation.



Ladders (max. 55 kg) are automatically fixed with an **Auto Clamp** on the roof.



The light, strong, aluminium design (one third of allowable 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**.



Eco-friendly and safe! **100% recyclable** materials are easy on the environment.



ErgoRack is designed with **Ergonomics and safety** in mind.

The perfect solution in any situation



Ergonomic (un)loading of ladders on a vehicle parked on a slope



ErgoRack can easily be handled in narrow parking positions



Handling from the sides makes (un)loading of ladders possible in confined parking spaces

ErgoRack Accessories

ErgoRack offers a growing range of accessories



Roller

A roller can be easily installed at the rear of the roof rack ensuring comfortable (un)loading of long objects.



Cargostops

Cargostops come with a rubber surface and keep the cargo in place.



Aluminium Pipe Carriers

Pipe Carriers (2-5 m long, with 125 mm squared), can be opened and locked at both ends and mounted securely to the roof bars.



Beacon mounting bracket

Special mounting brackets to secure beacons to the crossbars.



Extra crossbar

An additional crossbar for easy (un)loading of short ladders or objects.



Padlock

The use of padlocks protects against theft of the ladders.

Mounting an ErgoRack

The channels perfectly follow the roof contour to give an aerodynamic design and absorb additional impact in case of accidents. The adjustable mounting systems allow optimal positioning of the crossbars - individually to your load challenges.



Stiff Channel



Gutter



Flex Channel



ErgoRack@Work

Customer adapted solutions

ErgoRack can be adapted for all types of ladders on many types of commercial vehicle using the flexible clamping design, whether your ladders are heavy, long, short or 1,2,3, or 4 run. Effortless loading and removing.



Meet the full product range.

In addition to **ErgoRack**, the safest, quickest and most ergonomic way to transport ladders on your van, Prime Design Europe offers a complete product range of roof rack systems to meet your personal needs.

AluBars and **AluRack** are our basic racks made from lightweight yet sturdy aluminium. **AluRack Pickup** is the perfect solution if you want to maximise space in the back of your pickup. **AluRack Construction** is the heavy duty AluRack solution with more strength but without excessive weight.

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

www.roofrackspecialist.eu



Your Prime Design Europe dealer



AluRack[®]
"PRIME DESIGN"

