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Product Range



Introduction

Rhino Products are Europe's leading manufacturers and suppliers of roof racks, bars, steps and accessories for the commercial vehicle market. With over 15 years' experience in manufacturing high quality, innovative, commercial vehicle accessories, Rhino can confidently claim to deliver exactly what the end user is looking for to make their job easier, safer or more productive.

Our 55,000 sq. ft head office is located in Deeside, U.K. and provides product development and manufacturing for all markets.

A dedicated European sales office in Venlo, Netherlands plus a sales and distribution centre in Gothenburg, Sweden ensure that Rhino is able to supply and distribute products to an ever growing, global customer base.

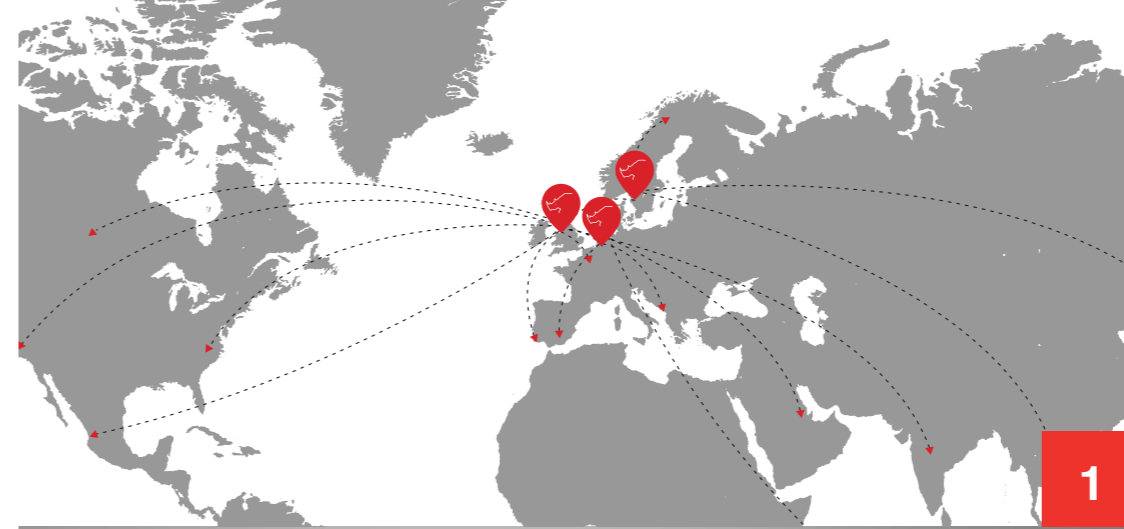
Rhino meets the global demand for products by utilising both the local and global supply chain to procure the best components to meet exact specifications; building the toughest of products and meeting the demands of the professional tradesperson.

The latest technologies are used in design and the manufacturing process to supply not only products for the present day but catering for the future trends in industry.

Rhino Products; innovators of products designed to work in real world environments.

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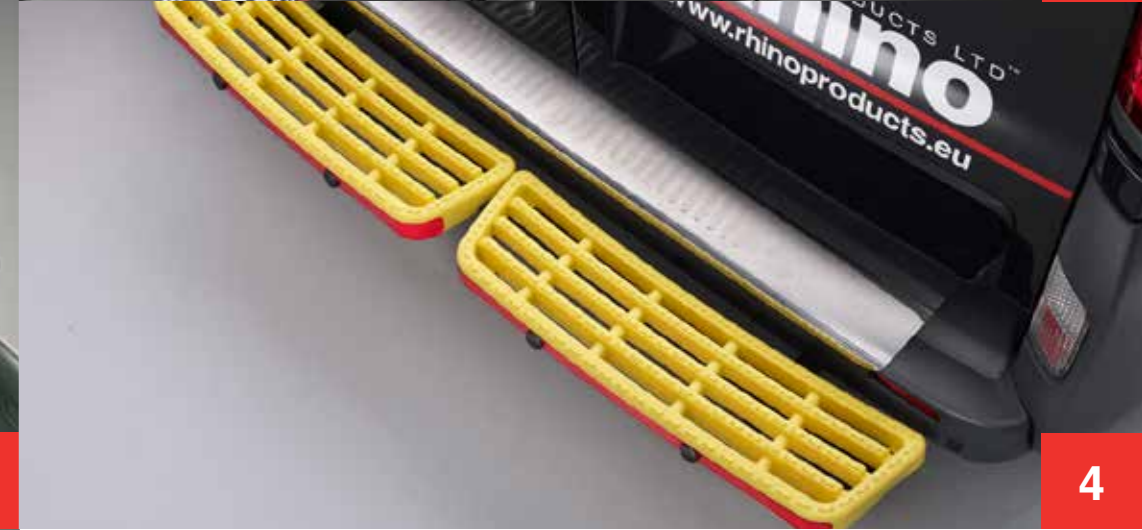
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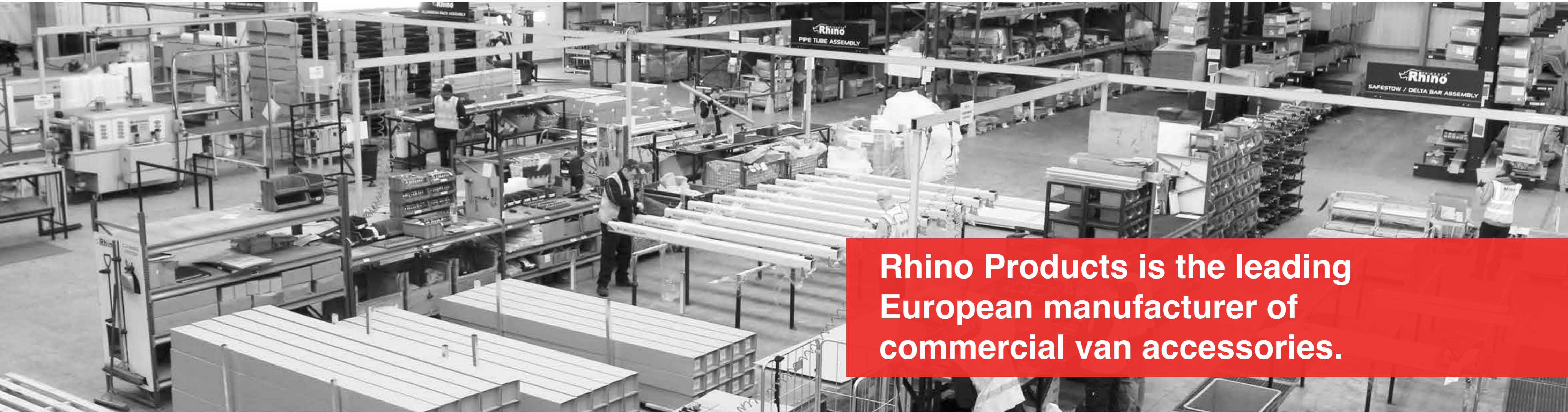


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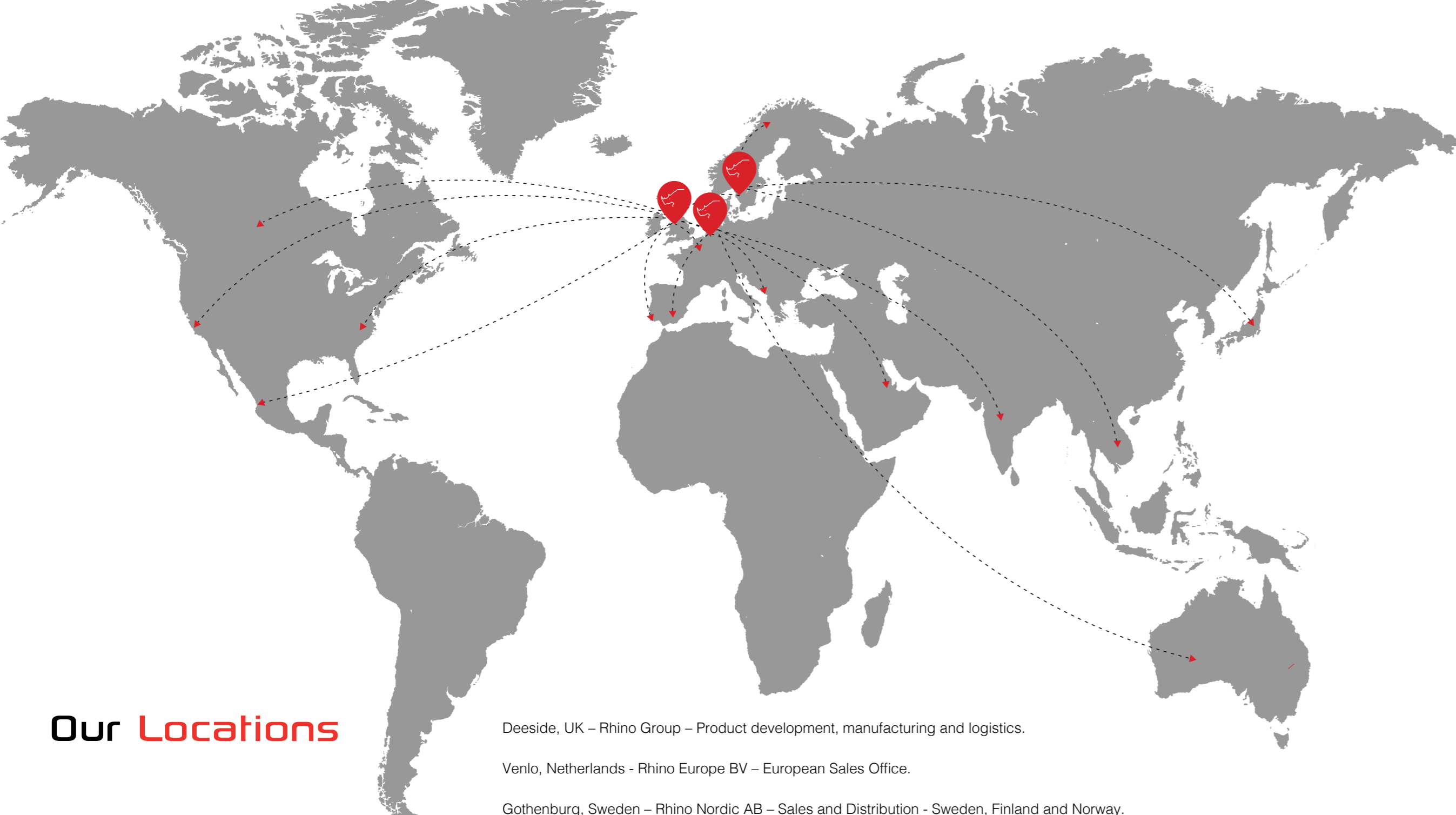


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1 About Rhino



Rhino Products is the leading European manufacturer of commercial van accessories.



Our Locations

Deeside, UK – Rhino Group – Product development, manufacturing and logistics.

Venlo, Netherlands - Rhino Europe BV – European Sales Office.

Gothenburg, Sweden – Rhino Nordic AB – Sales and Distribution - Sweden, Finland and Norway.



Rhino Products is an advanced engineering manufacturer operating internationally; based in the UK with European operations based in the Netherlands and Sweden. Our philosophy is;

“Rhino Products enhances the appearance of commercial vehicles, without compromising on functionality whilst exceeding the expectations of the professional tradesman.”

With over 15 years’ experience, Rhino’s philosophy is today as it was at its inception. Through design and manufacturing Rhino is inspired to innovate and problem solve whilst taking into account modern vehicle aesthetics.



We believe in continual investment in modern engineering and technology.

The Design & Engineering department within Rhino are key to ensure our designs are not only functional within their application, but are contemporary in their appearance and complement all the latest stylish European van models.

Rhino's design team have registered numerous patents and design rights that show the innovation led thinking in solving not only the issues of today but also for tomorrow.

Where relevant; Rhino's products are designed and manufactured to meet and exceed Europe's current highest industry accreditation standard. Alongside internal testing procedures; products are always independently tested to ensure compliance with these exacting standards.

3D CAD Design

Using the latest in 3D modeling simulation and 3D printing, product evolution and new product development times have been reduced significantly with the evolution of design software allowing for more computer testing prior to modeling stages.

Crash tested

Where applicable, products are tested independently to 20g; twice the industry standard used by most of our competitors.

Life Cycle Tested

Providing the end-user with confidence in the product; life cycle testing test products against long-term usage scenarios ensuring the highest standard and quality of product is only offered by Rhino.

Wind Tunnel Testing

The aerodynamic design of modern vehicles means that when adding accessories they need to be both aerodynamic themselves as well as aesthetically pleasing to ensure this, Rhino subject their products to wind tunnel testing to ensure that wind noise and drag are kept to an acceptable minimum.



Quality Control

Quality control, is an important aspect to all areas of Rhino Products from design concepts, through the manufacturing process right through the after sales service.

All sections of the manufacturing process have their own independent quality control procedures in which all instruments are regularly checked and calibrated against certified standards.

Internal quality control is fundamental to the manufacturing process, but it is the programme of external quality control testing by motor industry test centers that provides the end user the total peace of mind that they are purchasing an industry leading product.

External Quality Testing includes:

- **Crash testing up to 20g**
- **Life cycle testing - 20,000 repeated actions for the SafeClamp®**
- **TUV testing in accordance to DIN 75302/02.91**
- **Thermal vibration testing**



Bespoke Engineering Solutions

We know that no two company's requirements are the same and that fleet requirements can vary considerably from business to business.

If you have a particular requirement for a vehicle accessory, contact our team with your requirements and one of our skilled engineers will review your request and where possible develop a solution to meet the needs of your business. Whether this be through an enhancement to one of our existing products or a complete bespoke product solution.

If you have a specific fleet engineering requirement, please contact our sales department in the first instant.





2 Roof Bars

Rhino's range of roof bars can be fitted to the majority of light commercial vehicles on the road. The bar systems offer superb strength and versatility for the transportation of loads, supported by an excellent array of optional extras with the benefit of being extremely aerodynamic and quiet with minimal wind noise.

KammBar[®]

The Next Generation
Roof Bar Solution





KammBar®

KammBar® is the latest evolution in roof bar design, and can be fitted to all of Europe's leading commercial vehicles.

Developed using the latest technologies in design and manufacturing, and inspired by the work of Professor Wunibald Kamm, Rhino has produced one of the most aerodynamic bar profiles to date.

The advanced aerodynamics don't stop with the bar design, as Rhino have also developed a new shaped aerodynamic load stop to work in conjunction with the KammBar®. Two pairs of load stops are supplied with KammBar® systems.

The KammBar® provides a great combination of strength and practicality. Manufactured from anodised aluminium. This anti-corrosive finish will assist preventing "rusting and weathering".



The latest innovative roof bar design suitable for all of Europe's leading commercial vehicles.

KammBar® is not only about strength, fuel efficiency and aerodynamics, the bar system has also been designed to save you time at fitting with pre-assembled legs and lockable leg cowls.

KammBar® has been tested to TUV Certification and 20g Crash Tested and can be fitted with a selection of Rhino's product accessories.



Features:

- Lightweight yet extremely strong
- Aids fuel efficiency
- Capable of carrying up to 50kg per bar
- Aerodynamic shaped bar & load stops
- Pre-assembled legs
- Quick & easy fitting time
- Lockable leg cowls
- Manufactured from aluminium
- Anodised aluminium

KammBar® Rear Roller System

To complement the KammBar® system Rhino have introduced a Rear Roller System to fit to the bars to aid loading and unloading whilst protecting the rear of the vehicle.



Please note the KammBar® shown is not included with rear roller, shown for illustration purposes.



The KammBar® rear roller retains the same virtues as the KammBar® of both strength and modern styling combined, with features such as adjustable supports to allow for the optimum position of the stainless steel roller.

The maximum carry load for this roller is 50kg and the composite connections ensure there is no-rattle.

Unique, adjustable anti-rattle composite connections

Features:

- The rear roller features a unique adjustable “anti-rattle” composite connections and a stainless steel bar, allowing fitting to the majority of current vehicles.
- The maximum carry load is 50kg





Delta Bar®

The Delta Bar® System combines the benefits of an aerodynamic profile shape to minimise wind noise and significantly reduce fuel consumption whilst retaining the virtues of strength using light yet strong high-tensile steel. Delta Bar® has been crash tested to 20g and is TUV certified.

Offering superb strength and versatility for the transportation of loads, supported by an excellent array of optional extras.

Optional Extras

A range of complementary accessories are available to be fitted to the Delta Bar® system. Options include Load Stops, PipeTube, Rear Roller Systems and Beacons. For further information contact Rhino's sales team or for a full range of accessories please see page 50.

Beacon Holder

A bracket kit for the Delta Bar System only. Ideal for attached single bolt fixing beacons.





Loading and unloading made easier



Delta Bar[®] Rear Roller System

The Rear Roller System attaches onto the rear Delta Bar[®] and provides an easy way to load and unload onto the bar whilst protecting the rear of the vehicle.

The Rear Roller is available in various widths to accommodate all vehicle sizes.

3 Roof Racks

Rhino roof racks are designed for heavy duty usage and are fully compatible with a range of industry specific accessories. All racks are easy to assemble and feature aerodynamic properties and can be fitted to the majority of today's commercial vehicles.





Aluminium Rack

Our Aluminium Roof Rack is designed to perform. Carefully planned and constructed, the Aluminium Rack uses highly robust aluminium alloy that's lightweight - up to 25% lighter than, yet just as strong as a steel equivalent - corrosion resistant and durable, whilst its contemporary design enhances the appearance of any commercial vehicle.

Features:

- Quick and easy assembly
- Aerodynamic cross-tubes reduce wind noise and drag
- Supplied complete with a full width stainless steel roller, which are quickly attached using 'anti-rattle' composite connections
- Manufactured from anodised aluminium alloy
- Composite connector pieces and end caps ensure a hard-wearing and long life



- Aerodynamic End Caps
- Leg Cowls

- Integrated Rear Roller
- Anti-rattle Connectors

Quick and easy installation, aiding loading and unloading.



Features:

- Fully welded, heavy duty system
- Quick and easy installation using bolted together modular sections
- Full width front aerofoil significantly reduces overall wind noise and drag
- Full width rear roller system aids loading/unloading
- Industry leading unique 2 coat process of electropaint primer and polyester black powder coating ensures maximum corrosion resistance
- All racks enable the transportation of 8" x 4" boards

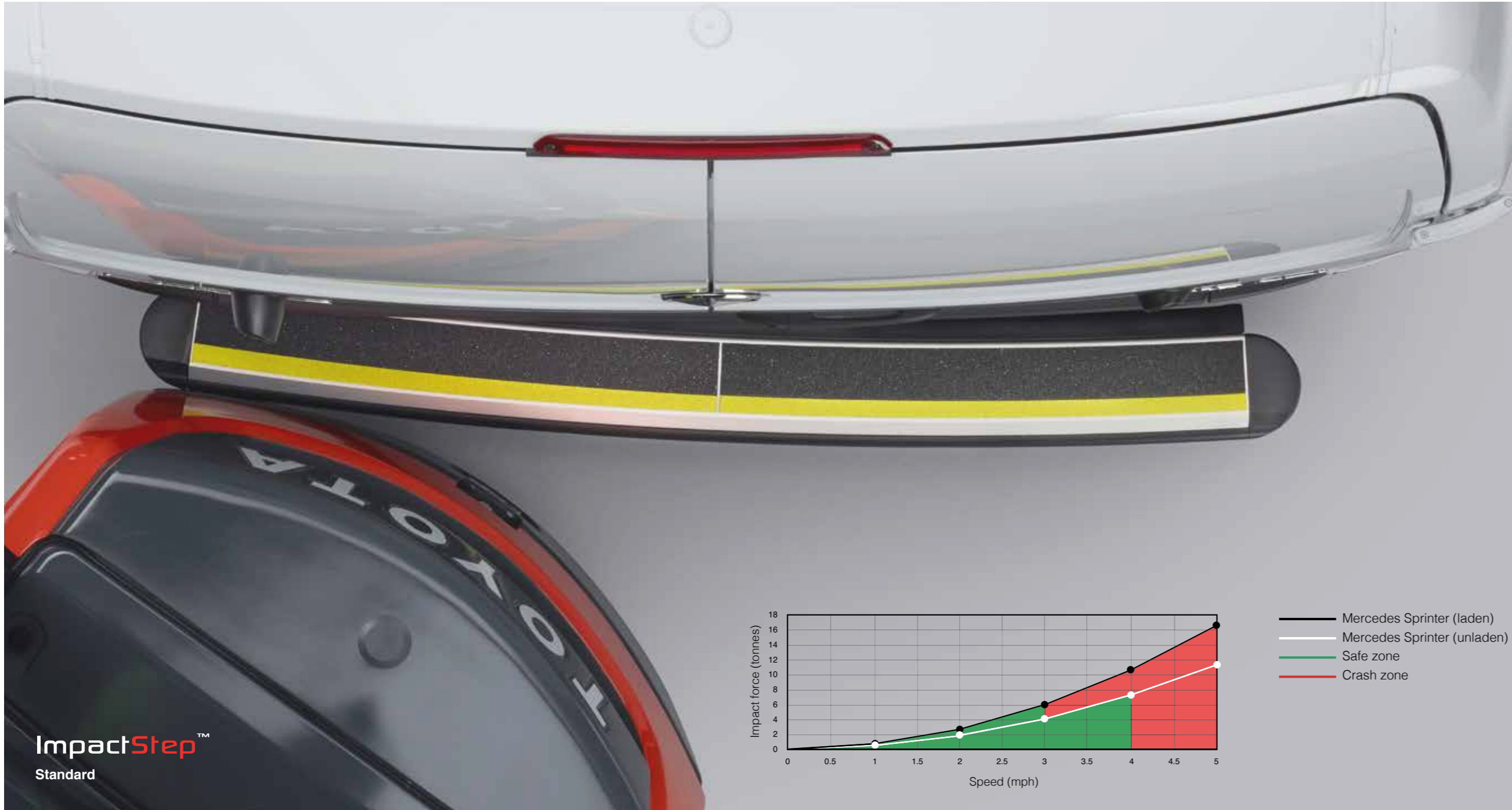
Modular Rack

The Modular Rack Range offers a quality heavy duty roof system for the transportation of loads, finished with Electropaint primer and polyester black powder coating to ensure the maximum corrosion resistance. Certified TUV approved and crash tested to 20g the modular racks are available in 2, 3 or 4 sections (depending on vehicle size).



This side mounted Pipetube is available - Part number- PB02





4 Steps

Designed and created for each vehicle's optimum height, whilst also complementing the overall van's aesthetics. The steps are ideal for when regular access to the vehicle is required and/or to aid access to your roof racks etc.



ImpactStep™
Standard

Features & Benefits:

- Protects the rear of the vehicle upon impact
- Twin rubber buffer shock absorbers utilised
- Shock absorption of up to 60mm compression
- Unique pivoting bracket design absorbs corner impact
- Independently laboratory impact tested
- Quick and simple fitting installation
- Full width step design with large safety tread area
- Anti-slip gripping surface with high visibility reflective strip



Shock absorbing system



ImpactStep™
Enhanced

Additional features:

High quality LED puddle lights

- Safe and secure access for the driver
- Increased visibility

Reversing sensors

- Safe and efficient reverse parking
- Reduced accident risk
- Enhanced driver safety



SafeStep®

The SafeStep® has been designed to respect health and safety considerations, when loading / unloading roof mounted equipment or gaining access in or out of a vehicle.

Additionally, the SafeStep® can provide drivers with peace of mind with optional reversing sensors* with an audible warning of objects that are out of sight.

* Vehicle dependent, please see pricing application for more information.



Features:

- One person easy fit
- Clear and concise fitting instructions
- Available in black or yellow
- Available with or without reversing sensors
- Twin or Triple step depending on vehicle
- TUV approved and 20g crash tested
- Standard reflective tape on each step
- Anti - slip tread plates
- Protected by electropaint
- This anti-corrosive finish will assist in preventing "rusting and weathering"



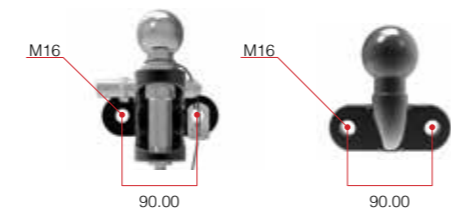


TowStep™

Features & benefits:

- Quick & simple removable centre section
- Full width step design with large safety tread area
- Substantial 110° turning angle for attached trailers
- Compliant with UN ECE Regulation 55
- Maximum load weight 136kg
- Product weighs only 15kg
- Integrated single/twin electric mounts

- Independently life cycle tested
- Manufactured from heavy duty plastic composite, mounted onto a robust steel frame
- Industry leading, unique 2 coat process of electro-paint primer and polyester black powder coating ensures maximum corrosion resistance
- Anti-slip tread plates to ensure maximum grip in all weather conditions



Compatible towballs	
TS01	Bradley Universal Couplings Ball and Pin
	Bradley Jaw and Pin
	Standard towball

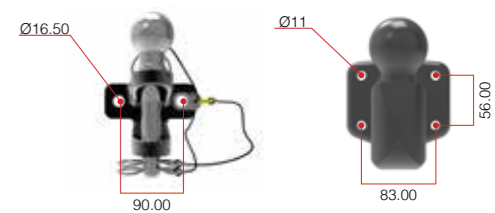


TowStep duo™

Features & benefits:

- Twin width step design with safety tread area
no centre section included in order to accommodate Euro 4 bolt fixing towball
- Substantial 110° turning angle for attached trailers
- Compliant with UN ECE Regulation 55
- Maximum load weight 136kg
- Product weighs only 11kg
- Integrated single/twin electric mounts

- Independently life cycle tested
- Manufactured from heavy duty plastic composite, mounted onto a robust steel frame
- Industry leading, unique 2 coat process of electro-paint primer and polyester black powder coating ensures maximum corrosion resistance
- Anti-slip tread plates to ensure maximum grip in all weather conditions



Compatible towballs	
TS02	Continental/Euro 4 bolt fixing towball
	Continental/Euro 4 bolt fixing Ball and Pin
	Dixon Bate Universal Couplings Ball and Pin (3.5t)
	Dixon Bate Jaw



5 Ladder Restraints

Securing loads safely is important from a health and safety perspective but also to provide the driver peace of mind; with fixing options covering most single and double ladder types. Rhino's ladder restraints remove the need to climb on top of the vehicles to secure the loads.

SafeStow3[®]

The latest evolution of our SafeStow product. Making loading and unloading ladders onto light commercial vehicles faster, easier and safer than ever before.

Maximising safety.
Innovative commercial van roof access from ground level.



In order to ensure maximum safety, the product has undergone rigorous testing.



Features:

- Three versions available to carry single, double and extra wide ladders
- Safe loading and unloading in seconds
- Manufactured from highly robust aluminium alloy and stainless steel components
- Fully adjustable gas-assisted lifting
- Available in two lengths: 2.2 metre and 3.1 metre







LadderStow™

The LadderStow provides a manual, safe, quick and easy way of loading and unloading ladders for low roof commercial vehicles, all from the rear of the vehicle.

Features:

- Manual ergonomic loading using efficient low friction sliders
- Avoids any need for climbing onto the vehicle
- 3 metre versions available
- Adjustable height and width for different ladder types and sizes (Depth: 120-220mm, Width: 350-500mm)
- Multi-adjustable strap and buckle to fix ladder at rear
- Click buckle approved to B5 EN 361
- Can hold up to a 3 tier ladder system to total depth of 220mm





5 times faster than standard ladder clamps



SafeClamp®

The Rhino SafeClamp® incorporates strength, speed and style to provide a revolutionary ladder clamping system.

Use of a composite beam structure and stainless steel anchor hook offers high strength, whilst providing excellent corrosion resistance. The innovative one touch clamping method ensures that the operation is five times quicker than traditional screw down ladder clamps.

Security is taken care of using the integral lock that sees an end to the days of rattling and easily lost padlocks.

Features:

- Manufactured from tough composite materials
- 5 x faster than standard ladder clamps
- 20g (ECE17.07) crash tested
- Accommodates up to 4 nested ladder sections
- Excellent corrosion resistance
- Life cycle tested (UKAS IS017025)
- TUV tested



6 Accessories

A range of vehicle and industry specific accessories that can be fitted to both Rhino's range of Roof Bar Systems and Roof Racks. Accessories are made to the highest standard and make everyday life of a trade professional easier.

Accessories can also be fitted to other commercial systems, check with the sales team for compatibility.





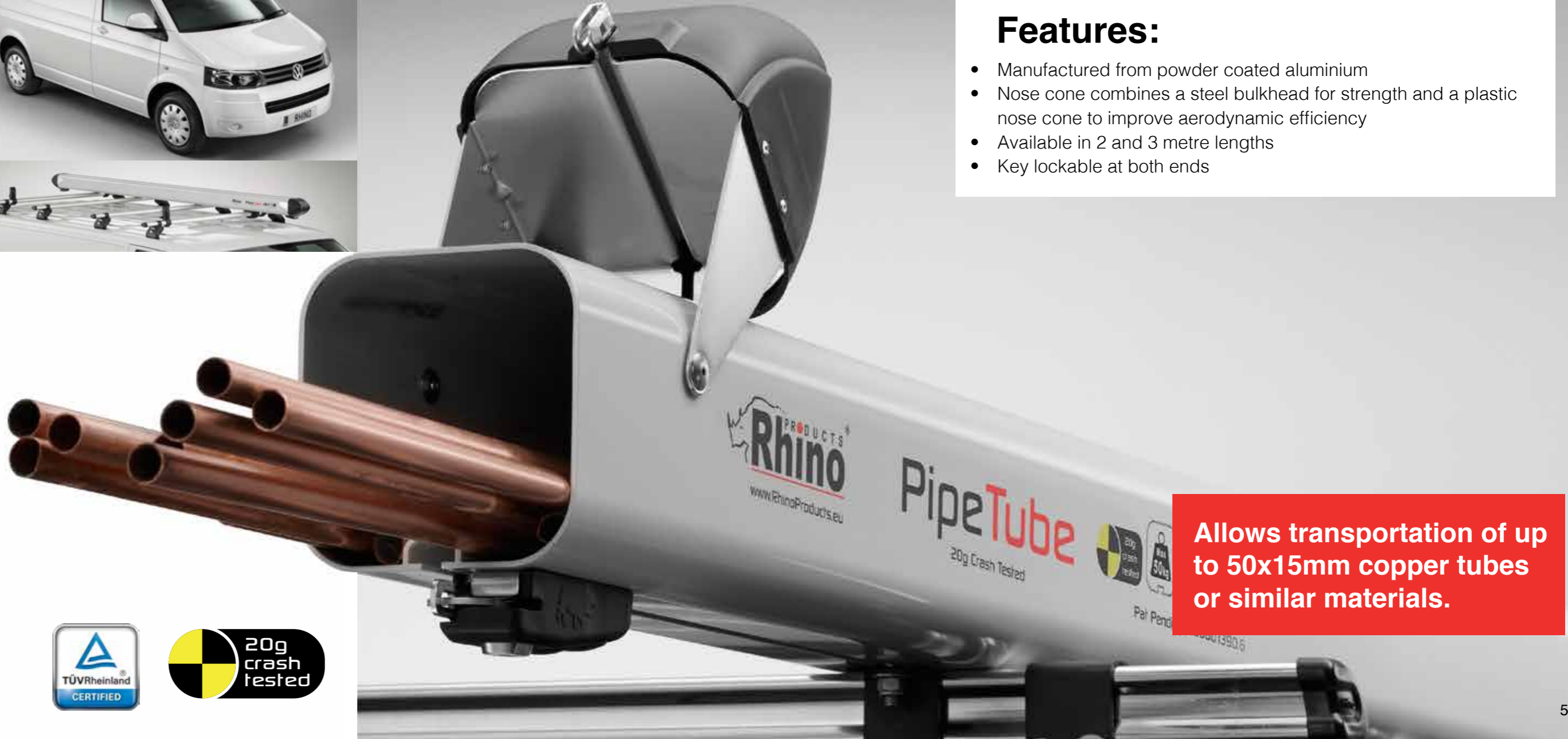
This side mounted PipeTube is available - Part number- PB02

PipeTube

The Pipe Tube incorporates strength, style and security to provide the best method of transporting copper pipe, conduit or similarly lengthy materials. Innovative design and high specification materials have ensured the PipeTube has passed rigorous testing processes.



- Features:**
- Manufactured from powder coated aluminium
 - Nose cone combines a steel bulkhead for strength and a plastic nose cone to improve aerodynamic efficiency
 - Available in 2 and 3 metre lengths
 - Key lockable at both ends



Allows transportation of up to 50x15mm copper tubes or similar materials.

Rear Door Ladder



The Rear Door Ladder has been designed to blend aesthetically with the van styling and has user-friendly round hand rails and anti-slip plates to enhance safety.

In order to improve installation, we have bespoke fitting kits which allow for quick and easy fitting.

Plates supplied within the kits are specific to vehicle models and give additional strength to the door, whilst acting as a template to mark out the positions of holes prior to drilling.

- Bespoke fitting
- Anti-slip tread plates

