

Protech ECO Range

The self-assembly solution for holiday homes



The Pro-tech Assembled Chassis

A holiday home is somewhere where your customer wants to relax, with the peace of mind their holiday retreat is built with quality. Just as you wouldn't build your house on a foundation of sand, compromising on the foundation of your holiday home can jeopardise your entire investment.

Key Features:

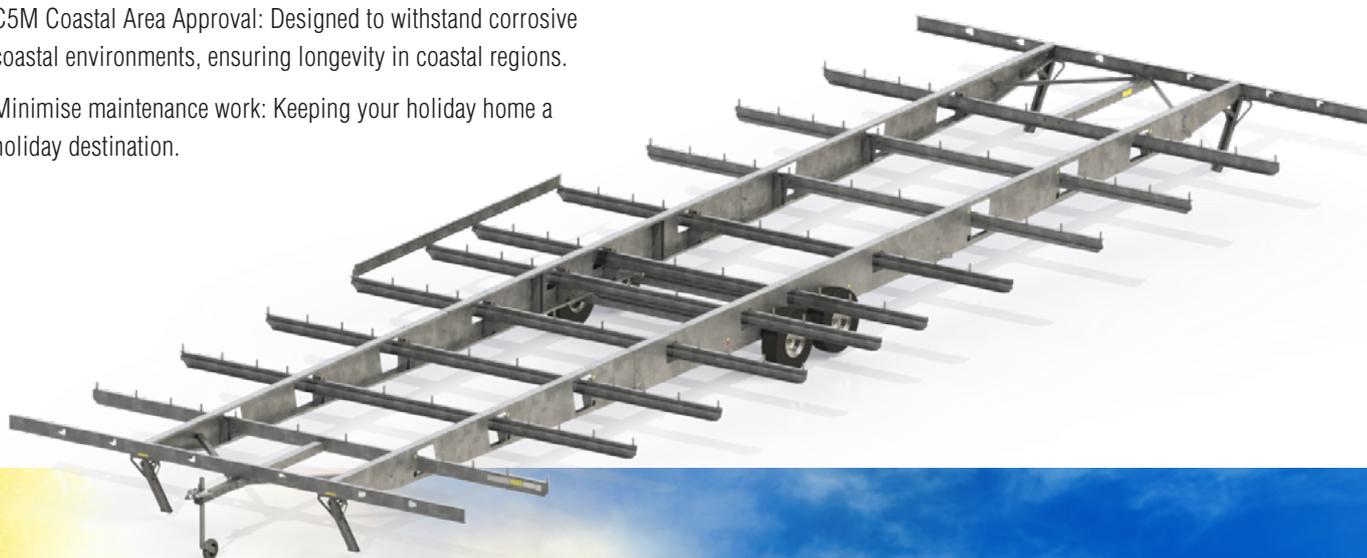
- | Hot-Dipped Galvanized Chassis: Built to withstand the harshest environments with long-lasting durability.
- | 10-Year Warranty: Ensuring peace of mind and confidence in your investment.
- | C5M Coastal Area Approval: Designed to withstand corrosive coastal environments, ensuring longevity in coastal regions.
- | Minimise maintenance work: Keeping your holiday home a holiday destination.

Why the Protech Eco Chassis

Customer Service Excellence: At AL-KO, we pride ourselves on providing excellent customer support. Our dedicated team is committed to assisting you every step of the way, ensuring a smooth and satisfactory experience.

On-Time Delivery

With our on-time, in full delivery service, you can trust us to deliver your chassis promptly and reliably, every time. We understand the importance of meeting deadlines and strive to exceed your expectations.



Cost Savings and Environmental Impact

- | Considerable Logistics Savings: By opting for our self-assemble chassis, you can enjoy significant savings from reduced transport logistics. With 25 chassis fitting on a single delivery compared to only 5 fully assembled chassis, the cost-effectiveness is clear.
- | Reduced Carbon Emissions: With fewer deliveries required due to compact packaging, you can reduce carbon emissions by a considerable amount, contributing to a more sustainable future.

Self-Assembly Efficiency

- | Quick Assembly Time: Our self-assemble chassis can be put together in just 2 man-hours with 2 untrained individuals, equating to one hour per person. With trained staff and equipment, assembly time can be further reduced to approximately 30 minutes.
- | Minimal Manpower Required: Only 2 untrained individuals are needed for assembly, making it a straightforward and efficient process.



Why choose the Bankside Patterson (AL-KO Kober Ltd) chassis?

Established in 1959, we have a long standing reputation for quality service and innovation in the supply of chassis to the Holiday Home industry and we have expanded our range of products and expertise to now include Eco-Protech chassis. We pride ourselves on our innovative products and quality service and we can meet the requirements of our clients from standard requests through to bespoke builds.

The company's philosophy has always been to produce high quality chassis and frames combining technology – strength – durability – ease of maintenance and value for money. This philosophy has driven business growth, ensured clients come back to us time after time and meant that we continue to deliver market leading products.

Logistical savings



x25 Protech Eco Chassis
= **x1** Vehicle 

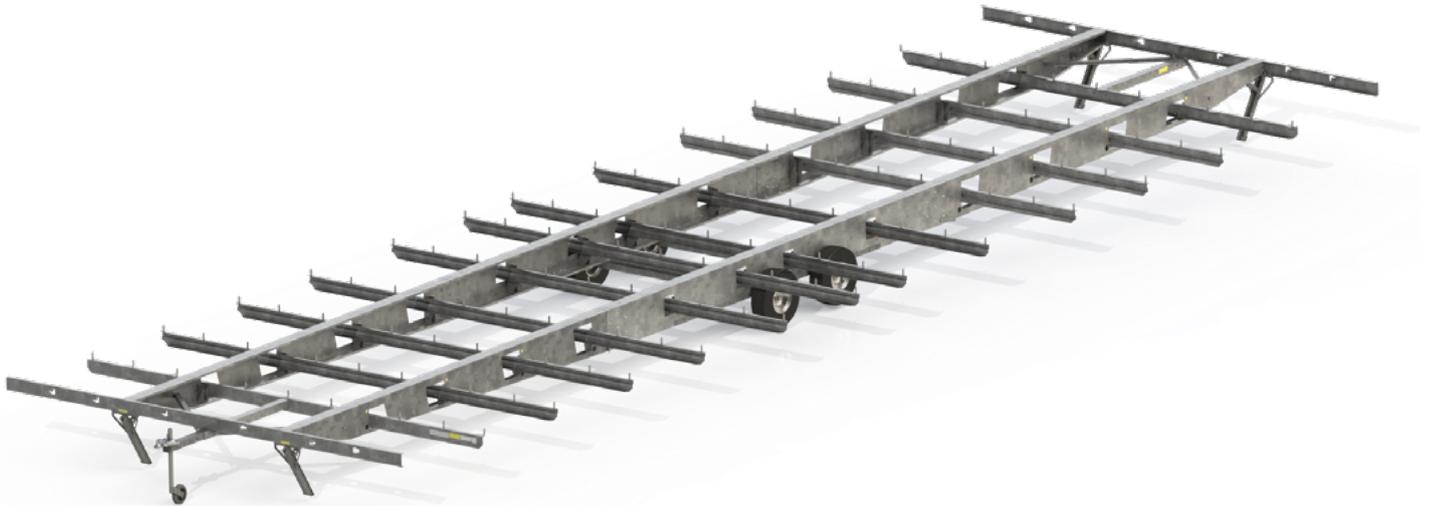


x25 Standard Chassis
= **x5** Vehicles 



Protech ECO Range

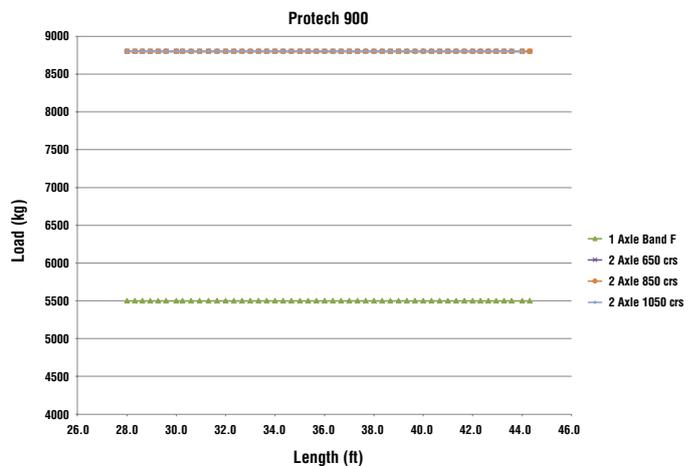
The self-assembly solution for static caravans



Protech 900

The largest and strongest of the four ranges, the Protech 900 has been developed for the large lodge and parkhome market.

- | It has a maximum load capacity of 8800Kg as a UDL (Uniformed Distributed Load)
- | A maximum length of 13411mm or 44'.
- | The chassis can be supplied in widths from 3048mm to 4267mm.



Design and Technology

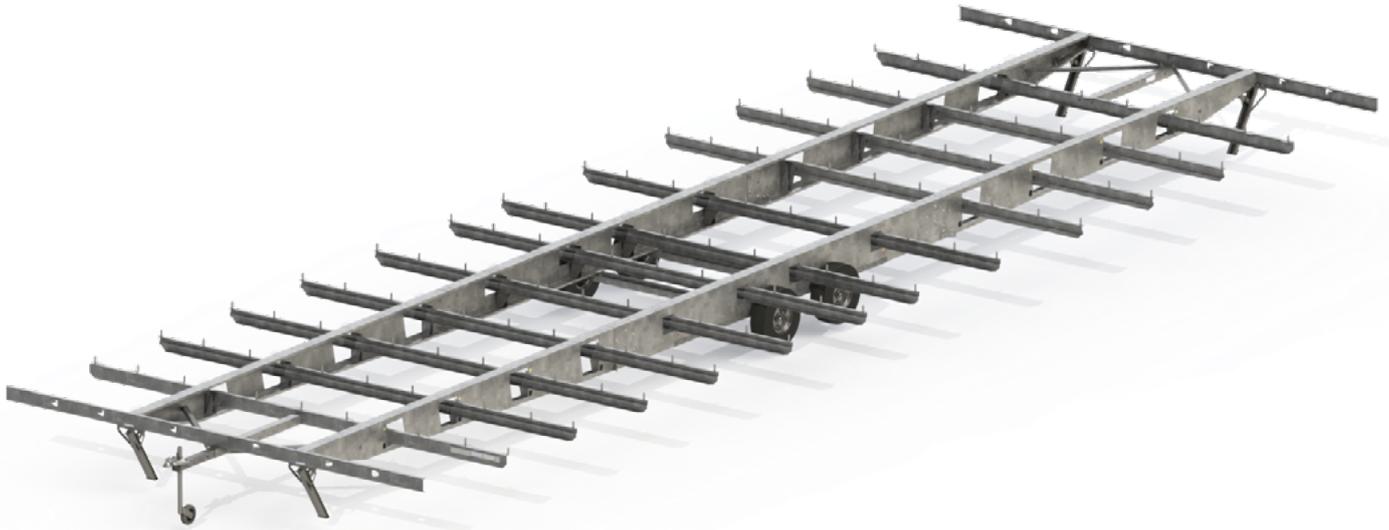
Our chassis are designed and developed using bespoke computer software based upon strict design parameters. This offers our customers the confidence to know every AL-KO chassis will meet their specific structural requirements.

The strict design parameters we work with have been rigorously challenged by both our inhouse development team through FEA calculations, physical testing and supported by our larger AL-KO Technical team in Germany.

We are able to offer a bespoke sizes of chassis, enabling us to offer our customers the flexibility and the ability to innovate.

Our chassis offers continuity of strength, reliability of performance and product longevity. We are able to offer our customers a fully hot dipped galvanized product that can live in the harshest environments with the minimum of maintenance.

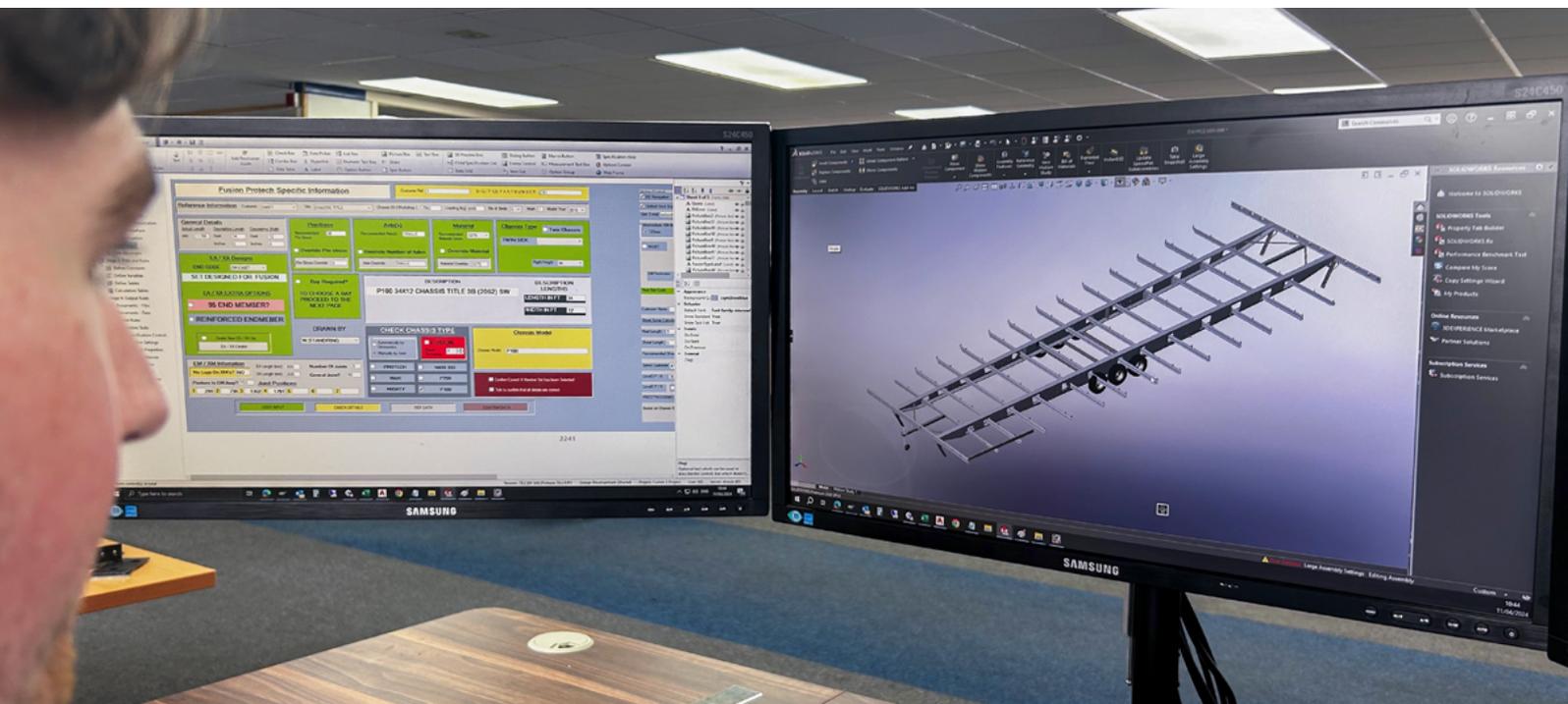
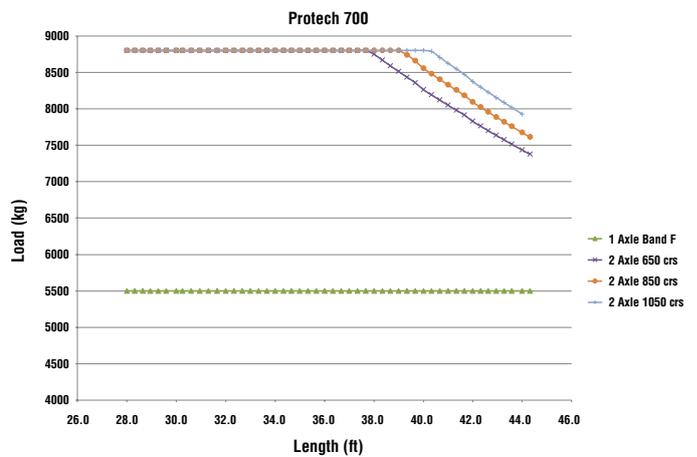
Our chassis has been specifically developed to be low maintenance and is even suitable for C5 locations as seen around coastal areas.



Protech 700

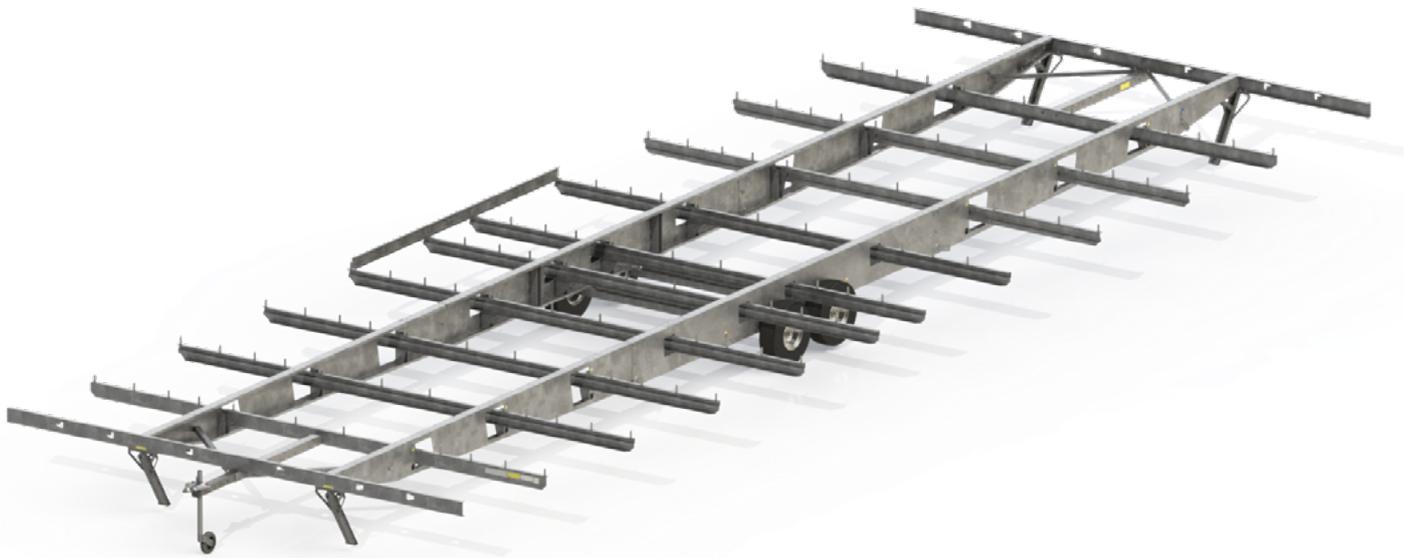
Is a slightly lighter chassis however, equally robust and reliable chassis, designed for large Holiday Homes. This chassis design shares the same features as the Protech 900 design however, its lighter construction reflects in the price.

- | It has a maximum load capacity of 8800Kg as a UDL (Uniformed Distributed Load)
- | A maximum length of 11582mm or 38'.
- | The chassis can be supplied in widths from 3048mm to 4267mm.



Protech ECO Range

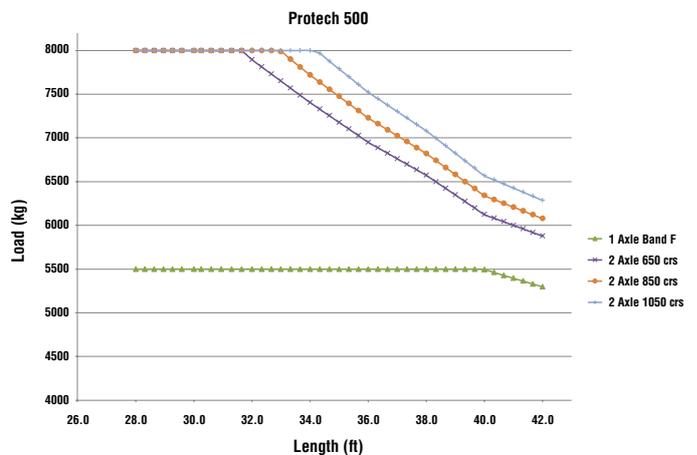
The self-assembly solution for static caravans



Protech 500

A traditional mid-range Holiday Home chassis, with the added advantages of being fully galvanised with many of the shared features seen on the larger Protech chassis.

- | It has a maximum load capacity of 7722kg as a UDL (Uniformed Distributed Load)
- | A maximum length of 10,363mm or 5500kg up to a length of 11887mm.
- | The chassis can be supplied in widths from 3048mm to 4267mm.



Protech vs Protech ECO

The Protech chassis is a bespoke static chassis designed and developed from an array of pressed and fabricated steel components.

Our production plant based in East Yorkshire UK manufactures all the steel components required to produce the chassis and offers the facility to provide customers with a “plug and play” product.

This offers customers exceptional ease of use but comes with a transportation cost, as only five chassis can be transported on any single load.

The Protech ECO offers customers the ability to transport up to thirty chassis on a single load, dramatically reducing delivery costs and carbon footprint.

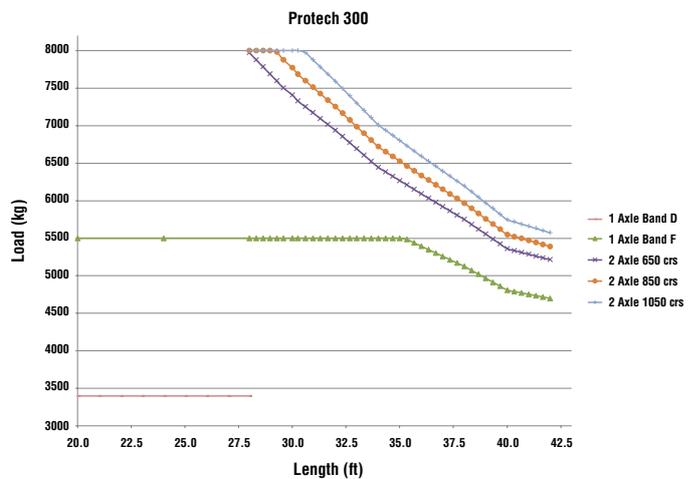
It also reduces customers on site storage requirements and the flexibility to switch between chassis of differing sizes to meet a flexible build program.



Protech 300

The smallest chassis of the Protech range, designed for smaller Holiday Homes or Glamping Pods. This versatile robust range offers a strong, cost affective chassis.

- | It has a maximum load capacity of 7775kg as a UDL (Uniformed Distributed Load)
- | A maximum length of 9,144mm or 5500kg up to a length of 10,668mm.
- | The chassis can be supplied in widths from 3048mm to 4267mm.



Comprehensive chassis solutions to suit your exact requirements

Bankside Patterson is the leading manufacturer of pressed steel and fabricated chassis in the UK, supplying chassis to the Pod, Holiday Home and Lodge industry. Customers include, ABI, Arronbrook Caravans, Carabuild Caravans, Carnaby Caravans, Delta Caravan, Europa, Lissett Homes, Swift Group, Victory Leisure Homes and Willerby, amongst others.

Bankside Patterson was established in 1959 and following several transitions, it became part of the AL-KO Kober Ltd group in 2019.

The business is headquartered in Brandesburton, East Yorkshire, UK. Centrally located within the main area of Holiday Home and Lodge manufacturing in the UK.

As an active member to the UK's National Caravan Council, all Bankside Patterson chassis fully comply with the following UK regulations: NCC CoP 501, BS 3632 and complies with all aspects of the Caravan Sites and Control of Development Act 1960.

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