



**BATTEN CAR &
STACK TRACK**

Rigging Projects



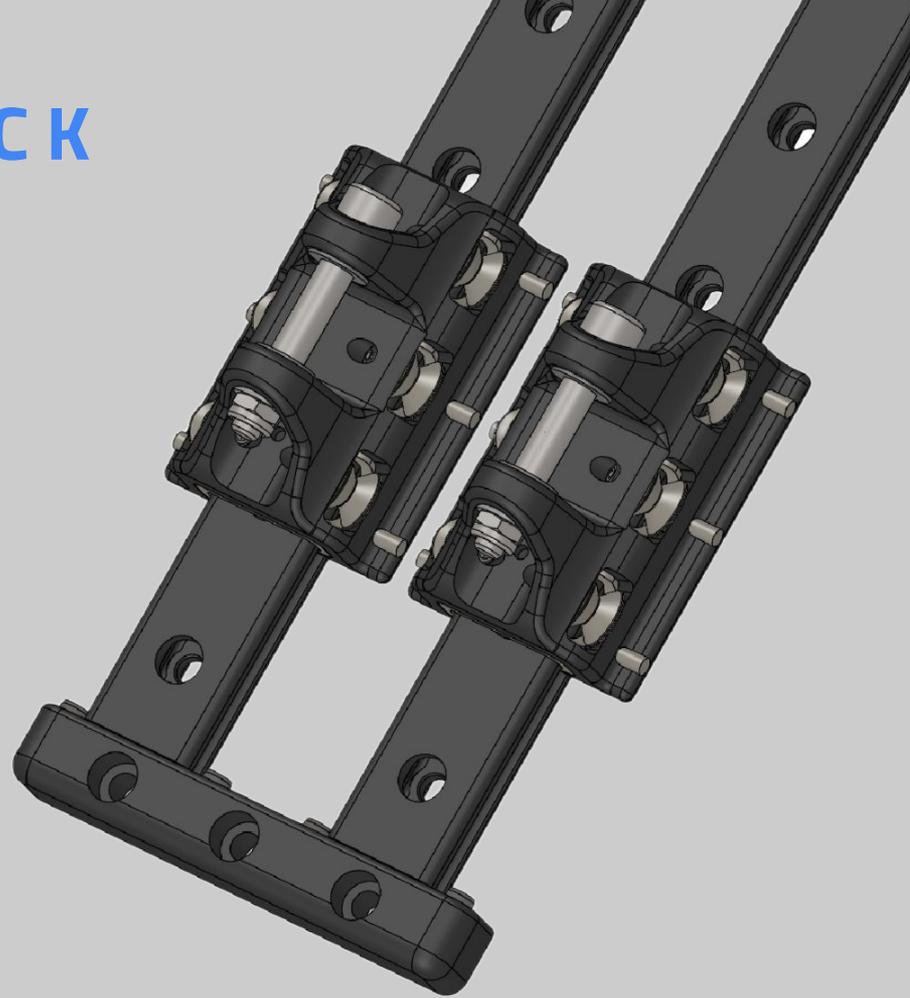
Modern foiling and structured luff sails are redefining performance limits, placing loads far beyond the capabilities of traditional hardware.

As these forces grow, legacy geometries fall short; our solution is purpose-built for this new era of sail technology.

THE RP STACK TRACK

As sail stiffness increases and structured luff designs become the industry standard, this system provides the **essential structural integrity** to handle these higher loads.

Our reputation for innovation has led to a brand new track geometry, **precision-engineered** to meet the evolving demands of modern yacht design, delivering undoubtedly the most reliable solution for modern high-performance sailing.





Advances in sail design have resulted in increased headboard angles from approximately **18° to 25–28°**. The Stack Track has been rigorously tested to maintain structural integrity under these higher loads and angles.

The track geometry allows the use of **upgraded, higher-strength bolts**. Despite the larger fasteners, there is **no overall weight penalty** compared with other systems on the market.

The Rigging Projects Stack Track and Headboard Car have been specifically optimised to work together and withstand these increased loads at angle.

Until now, the geometry of our Headboard Cars was necessarily aligned with legacy track systems, ensuring compatibility across a range of third-party designs.

Extensive testing has shown that these inherited constraints limited the full performance potential of modern mainsail handling.

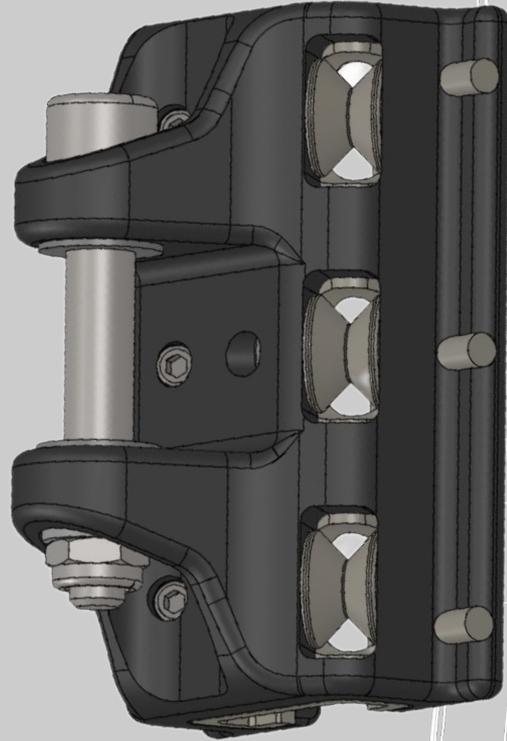
With our new 34 mm Track and advanced tri-sail gate architecture, we now control the complete design. This approach frees us from legacy limitations and enables a **new generation of Headboard Car geometry and delivers measurable gains in efficiency, reliability, and sail-handling performance.**



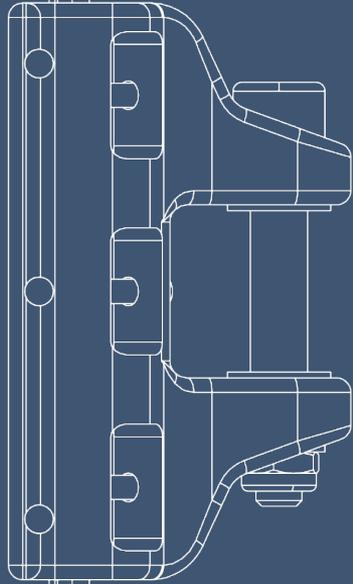
THE BATTEN CAR

Introducing a batten car with a difference - split rollers that **reduce friction by up to 50%** during hoists and drops.

Our patented **split roller style bearings** take batten car technology to a new level.



THE RP BATTEN CAR



The RP Batten Car features a unique, patented split roller bearing system that **reduces friction by up to 50%** during hoists and drops, compared to previous slider style cars.

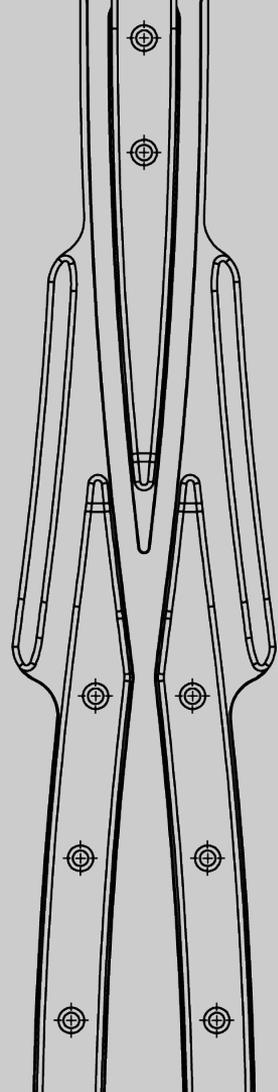
The split bearings allow for **more dynamic movement** of the car along the curved and loaded up sections of the track.

The rollers enable effortless reefing and allow cunningham loads to travel cleanly along the luff, ensuring those forces translate directly into optimal sail shape. The result is **seamless, reliable sail handling** even when significant sail loads are in play.



This isn't just a new product, it is a **complete re-engineering** of batten car and track technology.

A system built to thrive in the high load, high performance world of modern sailing -
Ahead of The Curve.





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