

# Hutting 46 - New Hutting Design

## *Aluminium zeiljacht*

From miles away you recognize the renowned Hutting line from the water. Robust and solid, yet elegant with clearly defined classic lines. The Hutting 46 Explorer; the ideal long-distance cruiser exclusively built to your style.

## DESIGNED FOR ULTIMATE PERFORMANCE

The Hutting 46 Explorer is designed by [Van Oossanen naval architects](#), specialists in hydrodynamics and the design of sailing yachts with specific performance requirements. Leveraging their expertise, they have created various sailing yachts for prestigious competitions such as the America's Cup.

The design comes with two types of bulb keel types: one short variant with winglets resulting in a total draft of 1.9 meters and a longer version without winglets resulting in a total draft of 2.4 meters; both variants achieve nearly identical performance.

The bulb dimensions are meticulously calculated using CFD; 'computational fluid dynamics technology. Additionally, the extendable bowsprit provides the flexibility to deploy a Code zero or Helix, to increase optimal tuning capabilities in any weather condition ensuring safety, control, speed and optimal sailing performance.

## TWO KEEL VARIANTS

The design offers two keel types to suit every long-distance cruiser, both achieving nearly identical performance:

- Shallow with winglets and trim-tab to tune performance in any condition, resulting in a total draft of 1.9 meters; ideal for ocean cruising and close coastal sailing
- Long keel without winglets, a well-known, straightforward keel-type resulting in a total draft of 2.4 meters; ideal for ocean cruising

## SAILPLAN OPTIMISATION BY VPP CALCULATIONS

The yacht's sailing plan has been optimised using a Velocity Prediction Program (VPP), a tool that calculates the yacht's performance at various desired wind strengths and headings. The software considers crucial factors such as stability, resistance, and transverse force. The yacht's performance, resulting from the optimised sail plan and VPP calculations, is illustrated in the polar diagram. The figures on the right depicts the performance for both the shallow keel (1.90m draft, with trim tab and winglets) and the deep keel variant (2.4m draft), with their performances being nearly identical.

## THE HIGHEST LEVEL OF SAFETY

All decisions have been carefully made to ensure the highest level of safety, a crucial aspect for which our Hutting yachts are



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well-known. Consequently, the aluminum hull construction is meticulously designed, integrating the keel seamlessly into the hull structure, unlike the separate mounting often found in many mass-produced yachts. This design enhances stability and comfort during sailing, delivering the utmost sense of safety and security through a unified aluminum keel and hull construction.

## INTERIOR

Whether you prefer a luxurious, modern, homely, or practical interior, our offerings cater to solo sailors or those sailing with the whole family. We provide a fully customizable interior, allowing you to design your layout, choose materials, and select colors. Our team of craftsmen employ high-quality materials, precision, and their skills to bring your vision to life in the construction of your Hutting 46. The result is a unique and exclusive yacht that reflects your identity.

Safety and comfort are paramount, with worldwide recognition for high safety levels and a secure grip throughout the yacht, seamlessly integrated with aesthetic appeal.

Style meets functionality with smart storage solutions and a comfortable 2.00m headroom. We guarantee you the ultimate home away from home.

## Specification

<b>Genoa</b>	Genoa
<b>Lengte</b>	12-15
<b>Materiaal</b>	Aluminium















