Fier

HUTTING 46 - OPTIMIZED FIN KEEL

YEAR	LENGTH	PRICE
2024	46 FT	€ 1.095.000

HUTTING
BROKERAGE

HUTTING 46
FIER
MAKKUM

The optimal long distance cruiser

Meet the brand-new Hutting 46 Fier—the first yacht of a new generation of Hutting Yachts. Building on the renowned Hutting line by D. Koopmans Sr., the Hutting 46 has been re-engineered by Van Oossanen Naval Architects, combining the timeless character, strength and seaworthiness of every Hutting with enhanced speed, efficiency and sailing performance.

As Hull No. 1, Fier has completed an extensive development and testing programme and has been highly praised by professional sailors and leading international yachting journalists for her sailing characteristics, build quality and craftsmanship.

The Hutting 46 'Fier' is now available for immediate delivery, this is a rare opportunity to own the very first Hutting 46: without the waiting time of a new build.

" Tradition and modernity at the highest level of craftsmanship"

ALexander Worms - Yacht DE - Test Sail

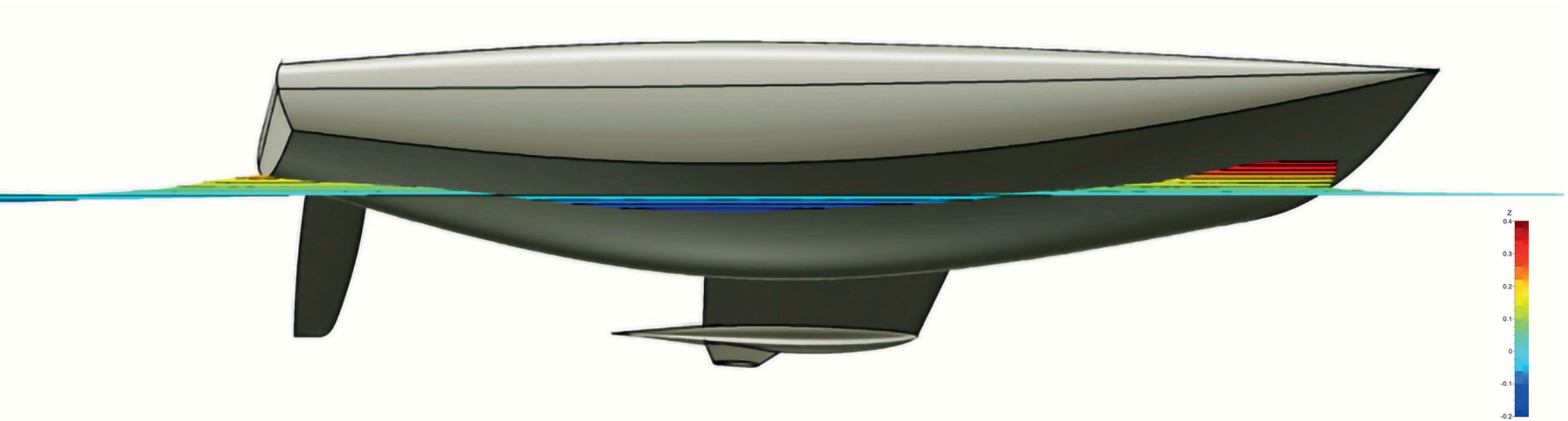
Computational Fluid Dynamics (CFD) to optimise performance

The Hutting 46 is specially designed for ultimate performance by Van Oossanen Naval Architects, who are known for their expertise in hydrodynamics and precise designs. Leveraging their skills, they have created various sailing yachts for prestigious competitions such as the America's Cup

To optimise the design's performance, state-of-the-art Computational Fluid Dynamics (CFD) calculations were employed. These calculations, commonly used in the aircraft and automotive industries, precisely calculate the flow around the hull, keel, and rudder. The figure below displays the wave contours of the Hutting 46 'Fier' sailing downwind, illustrating the minimal resistance generated by low waves.

To ensure the highest level of safety and comfort in rough sea conditions, the designer kept the foreship deeper underwater than is typically used in the design of modern racing vessels.

The hull's transom is kept relatively narrow, enhancing its behaviour in waves. The height of the transom above the water was chosen to optimally utilise the entire length of the hull, allowing the wave to leave the transom at an ideal angle.



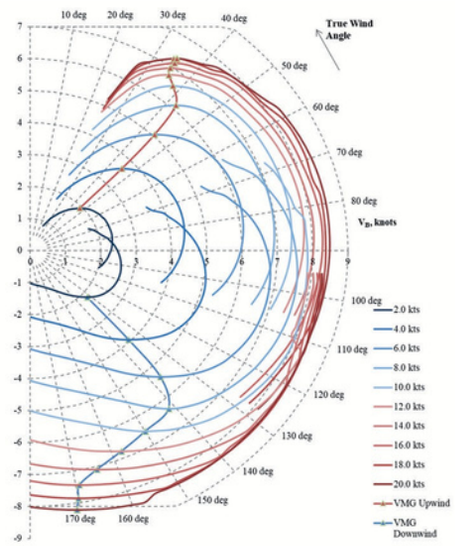
The highest level of safety

Every optimisation made to the Hutting 46 was guided by one principle: enhancing performance without compromising safety. As with every Hutting, the highest level of safety was a fundamental design requirement. The fully integrated aluminium hull and keel construction—where the keel forms an integral part of the hull rather than being bolted on, as is common with many production yachts—provides exceptional structural strength, stability and comfort at sea. The result is a yacht that inspires confidence in all conditions while delivering the safety and seaworthiness for which Hutting Yachts is renowned.

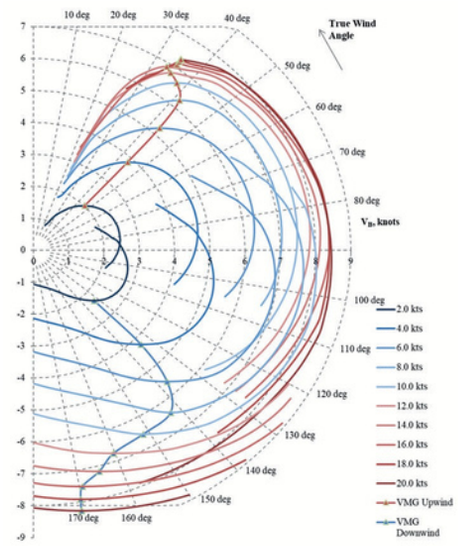
Sailplan optimisation by VPP calculations

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.

POLAR DIAGRAM - HUTTING 46 SHALLOW KEEL



POLAR DIAGRAM - HUTTING 46 LONG KEEL



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WhereCraftsmanship Meets Comfort & Safety

Every detail below deck has been carefully considered to create an atmosphere that is both warm and functional, making life on board as enjoyable during extended voyages as it is for a weekend escape.

The spacious saloon is filled with natural light and offers generous seating, while the handcrafted interior reflects the exceptional craftsmanship for which Hutting Yachts is renowned. Every piece of woodwork is individually handcrafted, creating a timeless interior finished with premium materials, elegant detailing and smart storage solutions.

Safety and comfort go hand in hand throughout the yacht. Secure handholds are seamlessly integrated into the design, ensuring safe movement on board without compromising aesthetics. Combined with smart storage solutions and a generous 2.00-metre headroom, the interior is designed to offer maximum comfort and practicality, making every journey feel like home.

The accommodation features a spacious owner's cabin and a comfortable guest cabin, each with its own private bathroom to ensure comfort and privacy on board. Together with the well-appointed galley and thoughtfully designed living spaces, the layout is perfectly suited for extended cruising, creating a true home away from home.

THE INTERIOR LAYOUT

Specifications Hutting 46 'Fier'

Year of construction	2024
Design	Van Oossanen Naval Architects
Material	Aluminium
Length	13.90 m
Beam	4.20 m
Draft	2.30 m
Displacement	14.50 t
Ballast	4,500 kg lead
Water Tanks	2 × 300 litres
Fuel Tank	500 litres
CE Category	A-Ocean

1. HULL

Marine-grade aluminium hull construction
Hull plating

- 8 mm keel plating
- 7 mm lower hull
- 6 mm topsides and transom

2. PAINTWORK

Professionally faired hull and superstructure finished in premium Awlgrip. The yacht features a Stars and Stripes Blue hull with a white superstructure, signature Hutting double waterline, epoxy hull protection and copper-free Trillux antifouling for long-lasting durability and performance.

3. DECK AND SUPERSTRUCTURE

Flush aluminium deck finished with a 17 mm premium teak deck and teak caprail. The cockpit and cabin superstructure are constructed in lightweight glass fibre/epoxy, with teak detailing on the cockpit sole, benches, coamings and cabin top, creating a timeless blend of craftsmanship, comfort and durability.

4. INSULATION

The inside of the ship is insulated from floor to ceiling with 50mm melamine insulation. The storage spaces under the aft deck and the forepeak are not insulated.

5. ENGINE

- Yanmar 4JH110 110 HP turbo diesel engine
- ZF marine gearbox
- Sound-insulated engine room
- Retractable Side-Power proportional bow and stern thrusters
- Water-cooled exhaust system

the engine; one of 12 Volt/125 Amp. and one 24V 110A with external 3-stage Alpha pro regulator. The motor is semi-mass-free.
the yacht has a retractable Side-Power proportional bow and stern thrusters.
Dashboard with tachometer, voltmeter, oil pressure gauge, hour meter, water temperature, starter switch, charge current control and alarm buzzers. Water-cooled exhaust with waterlock.

6. MAST & RIGGING

- Neutmast custom-built silver anodised painted white awl grip top coat, aluminium mast with in-mast furling system
- Neutmast aluminium boom with hydraulic outhaul
- Reckmann hydraulic furling system for mainsail and Yankee with manual backup
- Rod & Dyform standing rigging with Dyneema running rigging
- Carbon spinnaker pole with leather protection and integrated mast storage system
- North Sails performance wardrobe
- NPL Tour UltraX furling mainsail 60.3 m²
- NPL Tour UltraX Yankee 43.5 m²
- Code Xi Helix 142.9 m²
- Total working sail area approx. 103.8 m²

7. WINCHED & DECKWARE

- 2 × Andersen 58 ST FS variable-speed electric genoa winches
- Andersen 52 ST FS variable-speed electric mainsail halyard winch
- 2 × Andersen 46 ST FS self-tailing halyard winches
- Self-tacking jib system
- Wichard deck fittings and jackline attachment points
- Maxwell 24V electric anchor windlass with 30 kg Bruce anchor and 50 m high-load chain
- Stainless steel pulpit
- Swim ladder
- Folding cockpit table

8. ACCOMMODATION

- Spacious owner's cabin with private toilet and separate shower room
- Guest cabin with two single berths and private toilet and shower room
- Bright saloon with handcrafted teak interior and ample storage
- U-shaped galley with Corian worktops double sink refrigerator freezer and electric stove
- Dedicated navigation station with instrument panel USB and 230V outlets
- Separate technical room with easy access to systems and storage
- Engine room accessible via companionway technical room and guest cabin
- Full standing headroom of approx. 2.00 m throughout the living areas

9. HEATING & AIR CONDITION

- Webasto Air Top 5000 diesel hot air heating with outlets throughout all living areas
- Dickinson Alaska 12V diesel stove in the saloon
- BlueCool C40T air conditioning system 40000 BTU
- Year-round climate comfort with heating and air conditioning

10. ELECTRIC INSTALLATION

- CE-compliant Mastervolt electrical system
- 15 kWh Mastervolt Lithium-Ion house battery system
- Mastervolt inverter charger and custom control panel
- 230V shore power with isolation transformer and 25 m cable
- 230V outlets throughout the yacht
- VDO digital monitoring for fuel fresh water and holding tank levels
- Marine-grade Class 5 and Class 6 cabling
- Spectra Cape Horn Xtreme watermaker preparation

11. NAVIGATION EQUIPMENT

- B&G Zeus³S 12 multifunction display
- B&G Zeus³S 9 multifunction display
- B&G Halo20+ radar
- B&G Triton² sailing instrument package
- B&G Triton² autopilot controller
- B&G ZG100 GPS compass sensor
- B&G V100-B VHF radio with wired handset
- B&G NAC-3 autopilot with Lewmar direct drive
- WR10 wireless autopilot remote
- Ubiquiti UniFi onboard WiFi
- Scanstrut radar mount

Investment

Asking price: €1,095,000 VAT paid
Flag: Dutch
Condition: As-new. Exclusively used for demonstration, professional sea trials and international press reviews.
Documentation: A comprehensive technical specification is available upon request.

Videos & Press

Videos

Press

Hutting 46 first look: stands out from the crowd

Toby Hodges
June 11, 2024

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The Hutting 46 aims to please with this long distance aluminium cruising yacht featuring a number of semi-custom options. Toby Hodges reports

More information

The best way to experience a yacht is to step aboard. You are warmly invited to visit us in Makkum and discover the Hutting 46 'Fier' for yourself. We look forward to welcoming you on board soon.

For more information or to schedule a viewing contact us at info@hutting.nl

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