



2022

WINDELO 50
Special
mention
"Sustainability"



ECOLOGY



PERFORMANCE



COMFORT



INNOVATION

New Windelo 50 Yachting

www.windelo-catamaran.com



Our multihulls are
built from Eco-Composite
powered by Sun, Water & Wind

01

**The Windelo spirit
& an experienced team**

02

**Our catamarans
by size**

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**Innovation for
performance, comfort
and ecology**



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Our services

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Meet us



01

**The Windelo spirit
& an experienced team**

The Windelo spirit: eco-friendly catamarans

Located in Canet-en-Roussillon since 2019, Windelo catamaran is a young shipyard that builds eco-friendly, innovative, and comfortable performance catamarans. Inspired by deep family values and passion for the sea, Olivier Kauffmann and his son Gautier Kauffmann created Windelo in 2018. In partnership with researchers from Mines d'Alès, a renowned engineering school in France, they carried out several years of Research and Development to build environmentally-friendly catamarans.

" Windelo sailors crave adventure and love to explore. We like to clock up miles between islands and continents without giving up the comfort of life on board. With ecology & innovation at the heart of our company, we act for pleasurable sailing which is respectful of people and the environment. We embark on innovative performance catamarans, built mainly of recycled and biobased materials.

Because we are all different and none of our adventures are alike, we choose unique boats for an extraordinary life experience.

We are the Windelo sailors, welcome to the adventure! "

Our values



ECOLOGY

Our love of the planet has been the driving force behind our environmentally friendly boats. We aim to reduce the environmental impact of our catamarans by 50%.



INNOVATION

R&D and innovation in materials, design and processes are at the heart of the Windelo project to combine ecology, performance, and comfort.



PERFORMANCE

We're taking up the challenge to build light & spacious boats that are respectful of people and the environment, offering optimum performance, and being a pleasure to sail.



COMFORT

Windelo sailors crave adventure and love to explore. We like to clock up miles between islands and continents without giving up the comfort of life on board.

The Windelo Team



Founders

Olivier KAUFFMANN brings with him a long and successful experience in top-level management and finance; he also has successfully created several brands and companies. Olivier is a former CEO of Orangemarine and Cabesto. He was also a Chairman of the Executive Board of Decathlon France and Executive Director of the Alcopa and Mulliez groups.

Gautier KAUFFMANN, Windelo's CEO, graduated from KEDGE Business School and earned his international sales and management experience while working at Decathlon UK and as a BtoB and Marketplace Europe Sales Manager at Orangemarine.

Their vision

Windelo is the desire to expose oneself to something new, innovative, powerful, more significant than oneself. To seek innovations in materials, industrialization techniques, and uses, and to drive in a new economic reality: "We want to be part of this transformation of the industry towards more sustainable navigation that respects our planet."



Architects and naval engineers

The well-known architects **Christophe BARREAU** and **Frédéric NEUMAN** have extensive experience designing high-performance production catamarans (Catana 47i; Outremer 45, 49, 51; Marsaudon, TS3, TS5, etc.). A strong desire to innovate in building composite boats clearly influences their work.

Their vision

The challenge is building a performant sailboat that is a joy to sail while offering comfortable and generous living spaces.

To achieve this, we propose grouping the helmsman and maneuvers in the center of the boat, adjacent with large living space at the rear of the nacelle.



Researchers at the National School «Mines d'Alès»

Patrick IENNY and **Didier PERRIN** are Researchers at the Ecole Nationale des Mines d'Alès Center of Materials in Southern France. They worked on the R&D for the boat structure's eco-composite sandwich, on prototyping assembly methods, and on the materials used as shock absorbers to produce our catamaran hulls.

Their vision

As part of the creation of new types of catamaran made in Occitanie, an audacious choice of ecological innovation has been selected in partnership with the Materials Center of « Mines d'Alès » (C2MA – IMT MINES ALES) (Gard, France).

To do this, we have relied on the use of secondary raw materials, competitive virgin petroleum-based materials, that fully comply with the specifications in terms of mechanical performance. This is a real first step to the development of a 2.0 fleet ships fully integrated into the challenges and ecological challenges of the 21st century







New Windelo 54 Yachting

02 Our catamarans by size

50

ADVENTURE
YACHTING



54

ADVENTURE
YACHTING



Our Sports versions

51

SPORT



55

SPORT



58

ADVENTURE
YACHTING



62

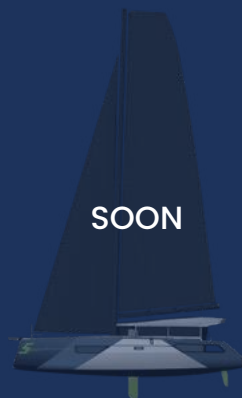
ADVENTURE
YACHTING



Our new Sports versions

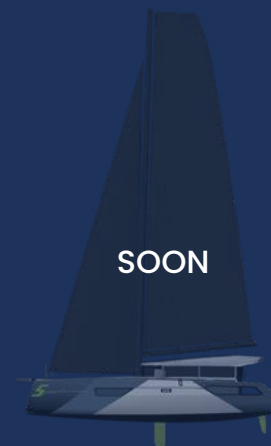
59

SPORT



63

SPORT



WINDELO 50



WINDELO 50
Special
mention
"Sustainability"

The New Windelo 50 sets the standard for an ecologically friendly fast cruising catamaran. This is a yacht that is equipped to take you to Patagonia via the Pacific Islands all the while leaving zero carbon footprint, except if you motor for more than 4 hours.

The 50 delivers outstanding performance, high levels of comfort combined with a toughness that inspires confidence. This is a yacht that is just begging you to dare to dream. Step aboard and start your own adventure.

Available in 2 versions: ADVENTURE / YACHTING



New Windelo 50 Adventure



New Windelo 50 Yachting

TECHNICAL DETAILS OF THE WINDELO 50

DIMENSIONS

Length	15.24 m
Beam	7.95 m
Draft	1.03 m / 2.32 m
Light displacement	11.2 T
Freshwater tank	400 L
Blackwater tank	200 L
Max. number of cabins	4 (+ 1 skipper)
Max. number of people	12

SAIL

Type of rigging	Sloop
Sail area upwind	184 m ²
Sail area downwind	253 m ²
Mainsail area	92 m ²
Solent area	43 m ²
Code 0 area	92 m ²
Gennaker area	161 m ²

HULL

Type of appendage	Daggerboards
Hull materials	Basalt and PVC/PET foam sandwich
Deck materials	Basalt & PET foam sandwich
Type de helm	Twin Steering wheels

PROPULSION

Type of engines	Electric & hybrid engines
Engine power	Electric 2 x 20 kW
Generator	18 kW (ou 2 x 18 kW on option)
Engine transmission type	Shaftline
Energy type	Electricity & diesel
Battery bank	1 120 Ah en 48 V (53.8 kWh)
Green energies	Solar, hydrogenation, wind turbines
Fuel tank	500 L

PRICE FROM

Prix de base en électrique-hybride

Adventure

1 095 000 €
EX-VAT

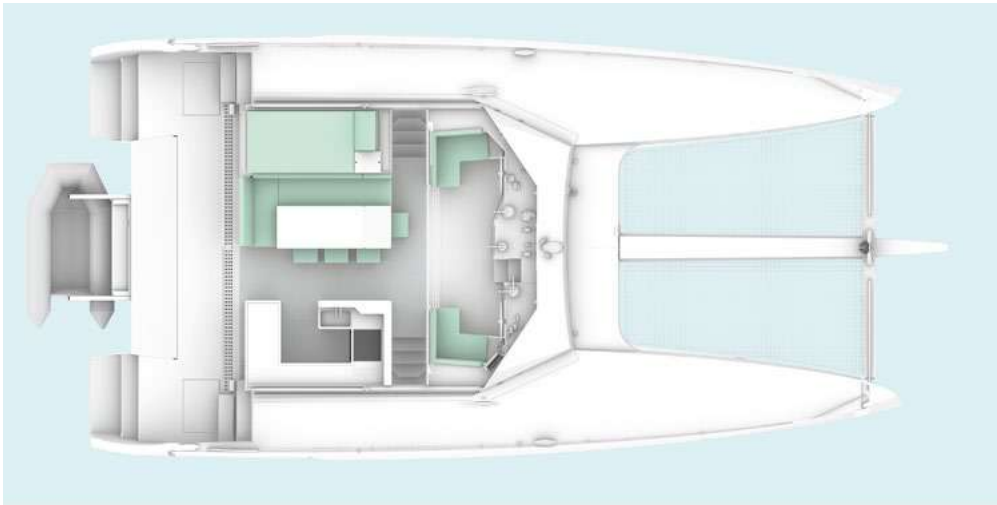
Yachting

1 225 000 €
EX-VAT

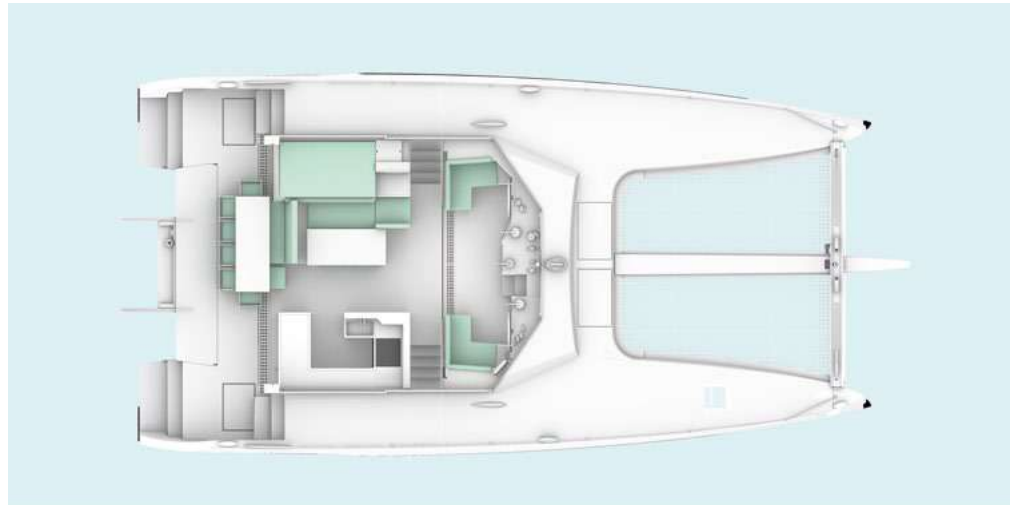
LAYOUT PLANS OF THE WINDELO 50

The floats layout plans can be combined with each nacelle layout.

Nacelle fitted with a U-shaped galley



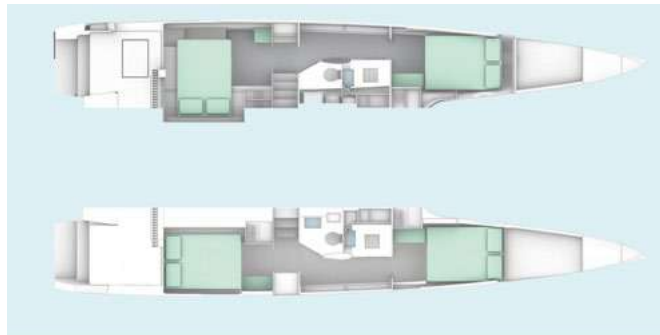
*Windelo 50 - nacelle with U-shaped galley
8 people dining table with extension and plan without chart table*



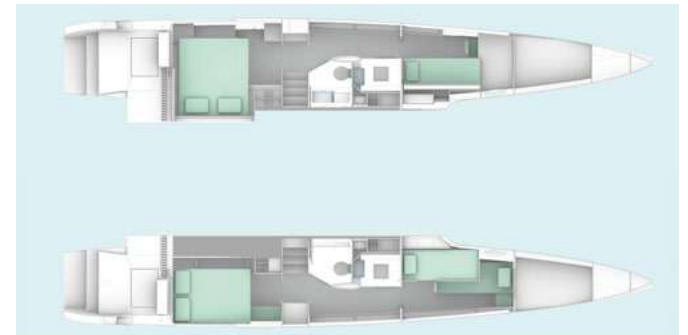
*Windelo 50 - nacelle with U-shaped galley
Outside table for anchorage and optional chart table with its tilting reversible seat*



*Windelo 50 - hulls plan for nacelle with U-shaped galley
1 master cabin, 1 separated WC and 1 forward head
2 guest cabins, 1 separated WC and 1 central head*

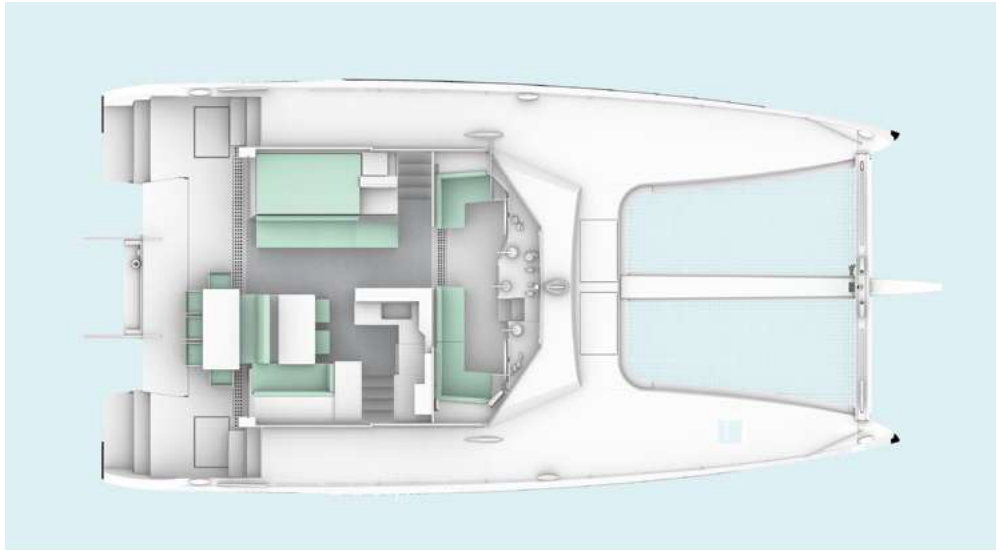


*Windelo 50 - hulls plan for nacelle with U-shaped galley
1 master cabin, 3 guest cabins, 2 separated WC, 2 central heads*

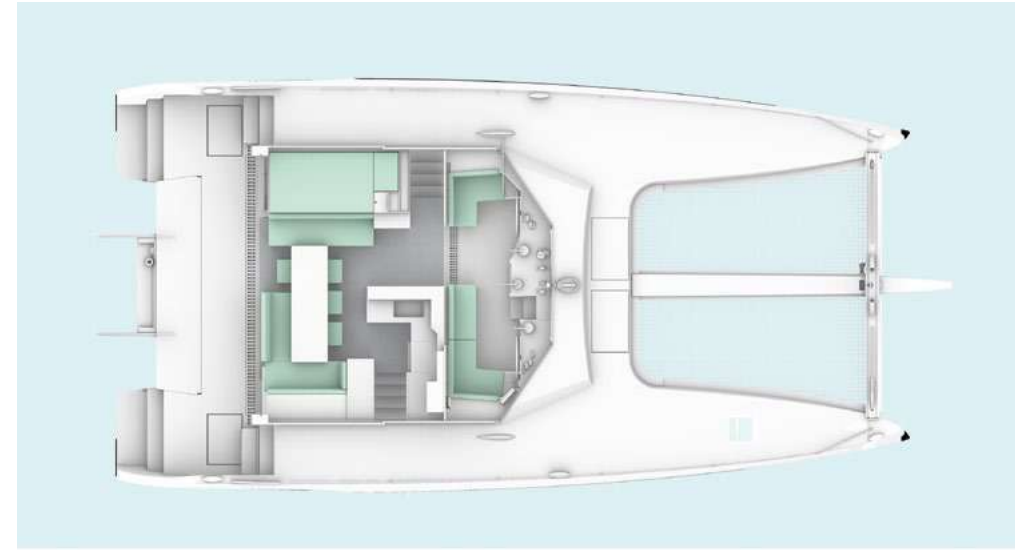


*Windelo 50 - hulls plan for nacelle with U-shaped galley
1 master cabin, 1 office with bunk beds cabin, 1 separated WC and 1 central head
1 double guest cabin, 1 bunk beds cabin, 1 separated WC and 1 central head*

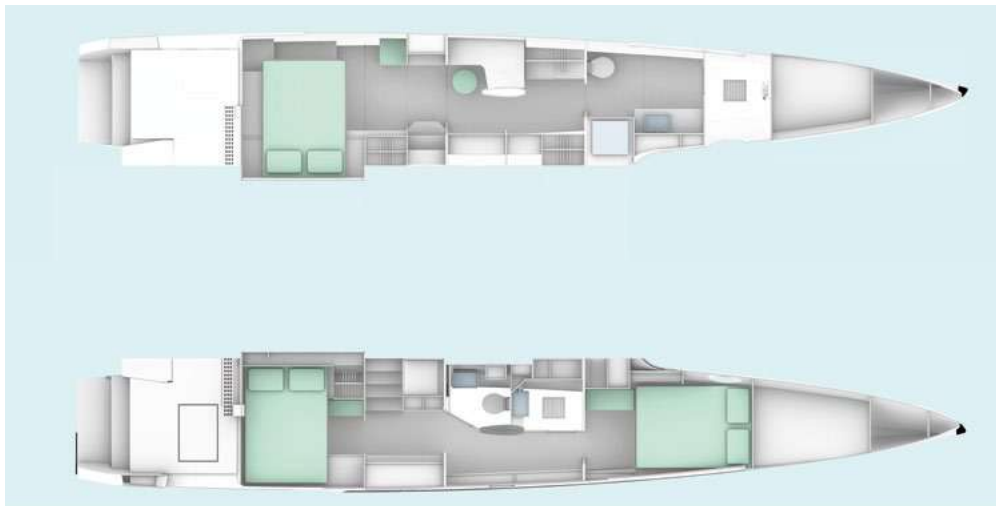
Nacelle fitted with an L-shaped galley



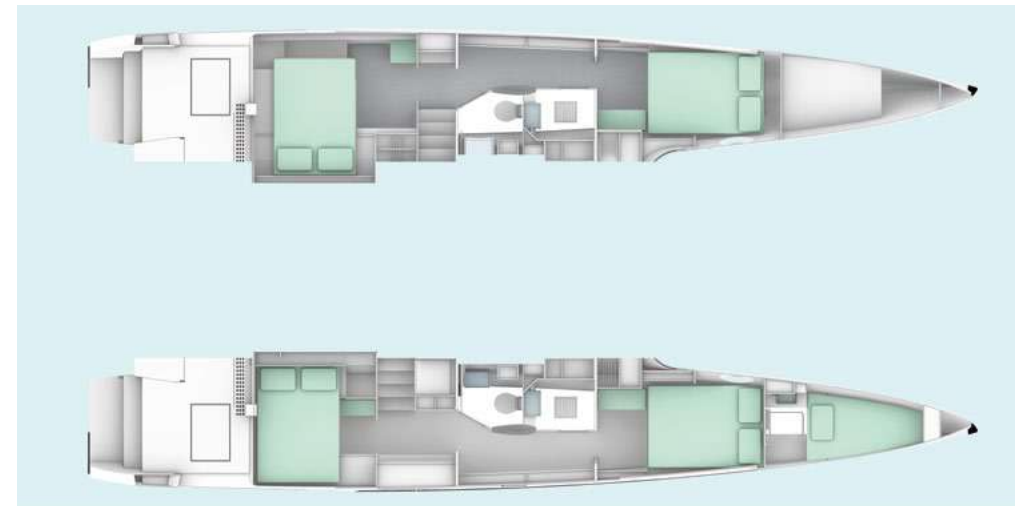
*Windelo 50 - nacelle with L-shaped gal
Outside table for anchorage and optional chart ta*



*Windelo 50 - nacelle with L-shaped gal
8 people dining table with extens*



*Windelo 50 - hulls plan for nacelle with L-shaped galley
1 master cabin, 1 office, storage, 1 forward head with WC,
2 guest cabins, storage, 1 separated WC and 1 central head*



*Windelo 50 - hulls plan for nacelle with L-shaped galley
1 master cabin, 3 guest cabins, 1 skipper cabin
2 separated WC, 2 central heads*





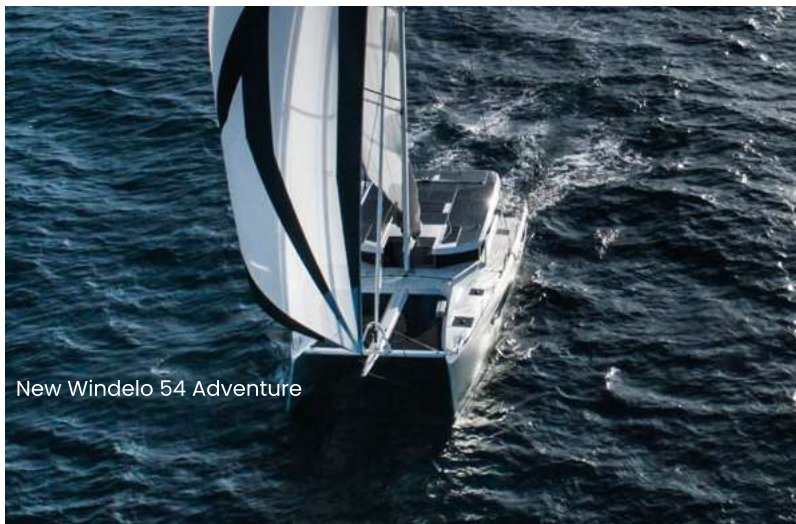
NEW WINDELO 54



Bigger sister of the New Windelo 50, the New Windelo 54 is an ocean-cruising catamaran designed by architect duo Christophe Barreau and Frédéric Neuman. The floats are nearly 120 cm longer than the Windelo 50 (60 cm of this extra space is around the nacelle), making life on board even more pleasant and comfortable.

Our Windelo 54 catamarans are environmentally friendly, seaworthy, and designed for long-distance cruising. Lengthened hulls offer greater performance and speed under sail while improving cruising comfort, particularly in rough seas.

Available in 2 versions: ADVENTURE / YACHTING



TECHNICAL DETAILS OF THE WINDELO 54

DIMENSIONS

Length	16.24 m
Beam	7.98 m
Draft	1.05/2.35 m
Light displacement	12.8 T
Freshwater tank	400 L
Blackwater tank	200 L
Max. number of cabins	4 (+ 1 skipper)
Max. number of people	12

SAIL

Type of rigging	Sloop
Sail area upwind	199 m ²
Sail area downwind	289 m ²
Mainsail area	99 m ²
Solent area	45 m ²
Code 0 area	100 m ²
Gennaker area	190 m ²

HULL

Type of appendage	Daggerboards
Hull materials	Basalt and PVC/PET foam sandwich
Deck materials	Basalt and PET foam sandwich
Type of helm	Twin steering wheels

PROPULSION

Type of engines	Electric and hybrid engines
Engines power	Electric 2 x 20 kW
Generator	18 kW (or 2 x 18 kW on option)
Engine transmission type	Shaftline
Energy type	Electricity and diesel
Battery park	1 120 Ah 48 V (53.8 kWh)
Green energies	Solar, hydrogeneration, wind turbine
Fuel tank	500 L

PRICE FROM

Starting price in Electric-hybrid

Adventure

1 450 000 €
EX-VAT

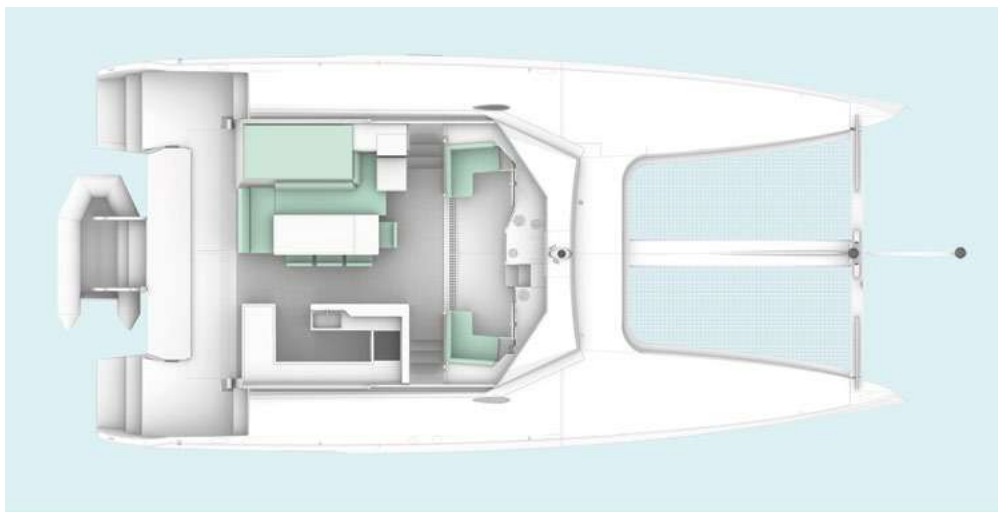
Yachting

1 595 000 €
EX-VAT

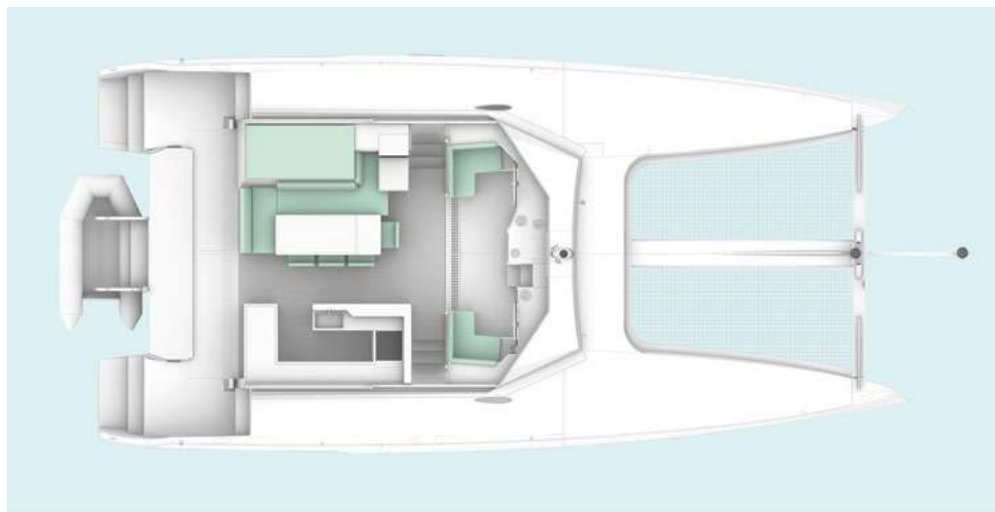
LAYOUT PLANS OF THE WINDELO 54

The floats layout plans can be adapted for each nacelle layout.

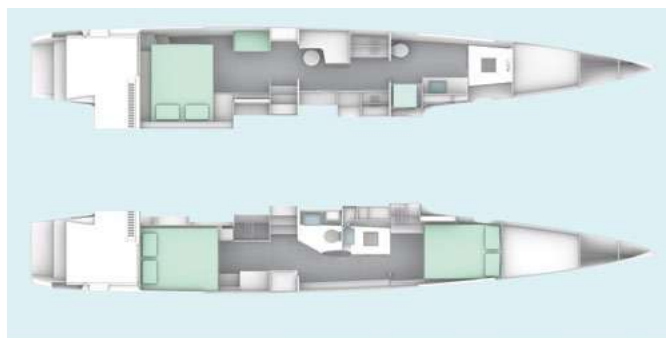
Nacelle fitted with a U-shaped galley



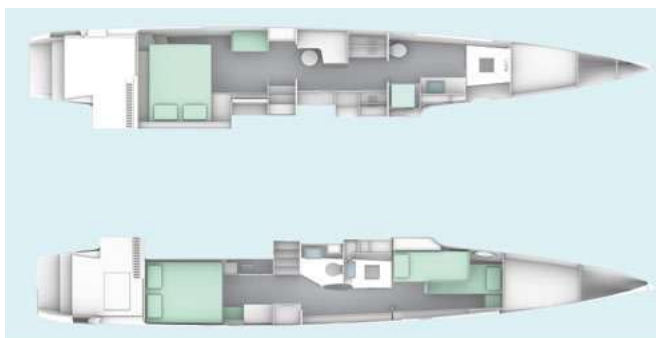
*WindeLO 54 : nacelle with U-shaped galley
8 people dining table with extension, 1 pilot berth with its chart table*



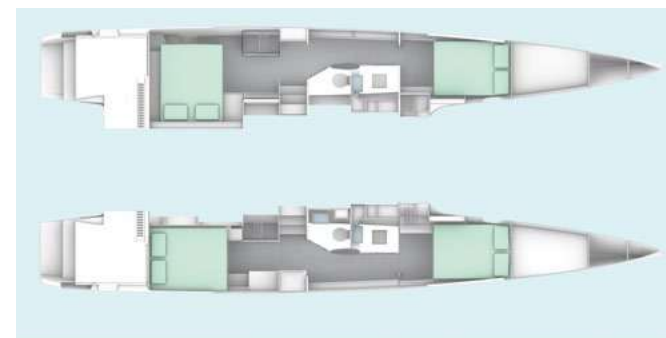
*WindeLO 54 : nacelle with U-shaped galley
8 people dining table with extension, 1 pilot berth with its chart table*



*WindeLO 54 - hulls plan for nacelle with U-shaped galley
1 master cabin, 1 office with storage, 1 private forward head
2 guest cabins, 1 central head, 1 separated WC*



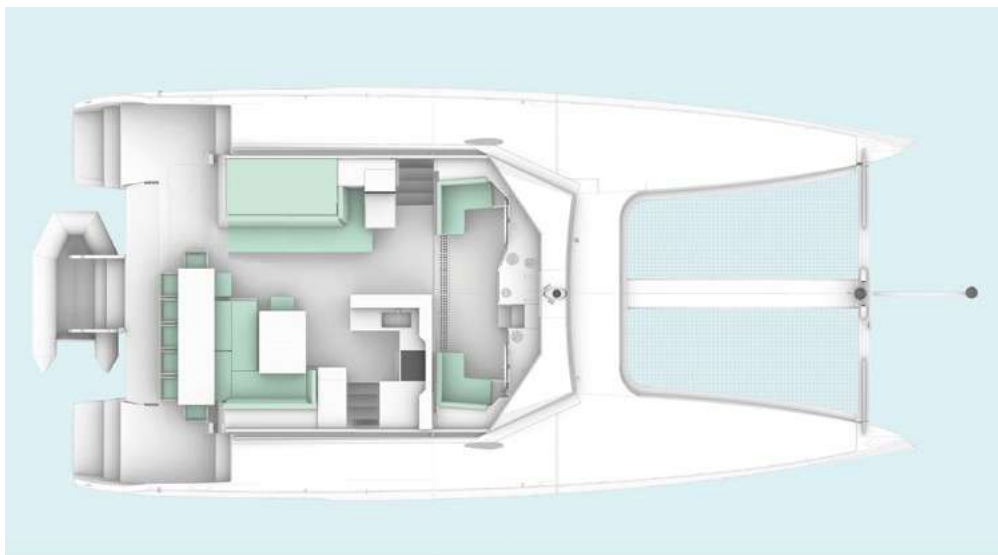
*WindeLO 54 - hulls plan for nacelle with U-shaped galley
1 master cabin, 1 office with storage, 1 private forward head
1 guest cabin, 1 bunk beds cabin, 1 central head, 1 separated WC*



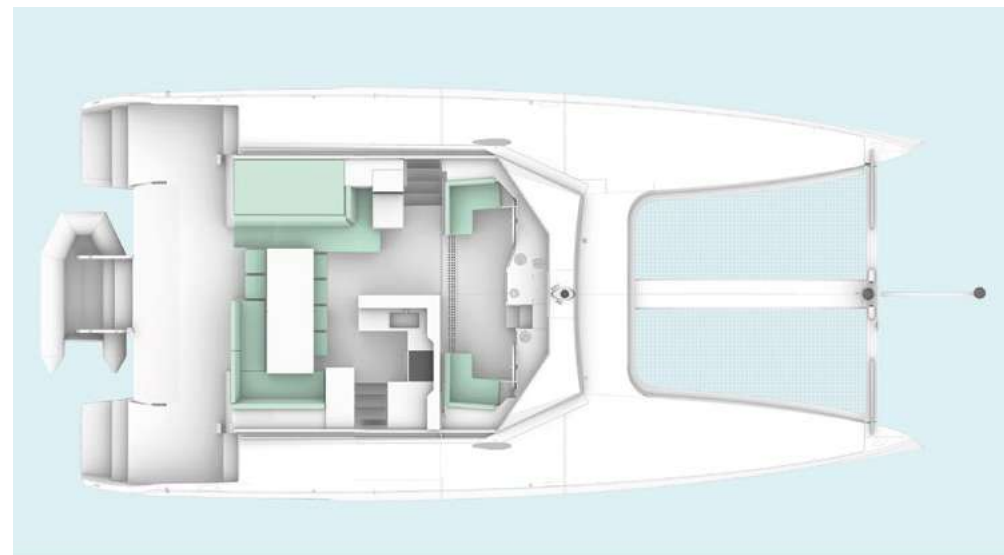
*WindeLO 54 - hulls plan for nacelle with for U-shaped galley
1 master cabin, 1 central head, 1 separated WC
2 guest cabins, 1 central head, 1 separated WC*



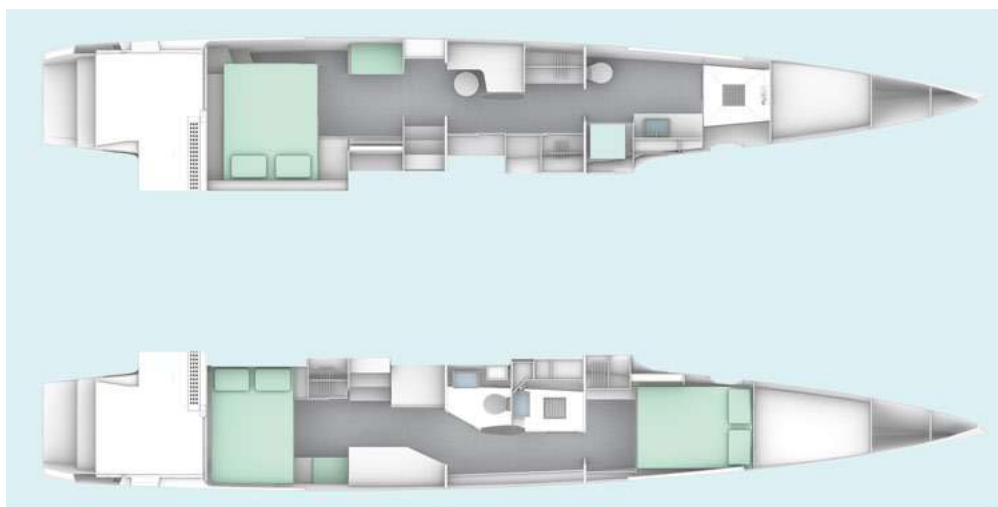
Nacelle fitted with an L-shaped galley



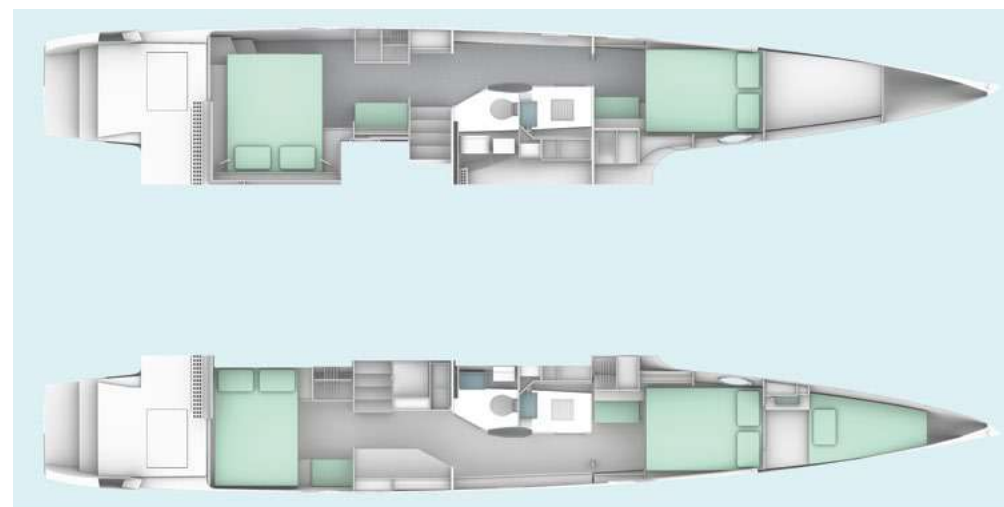
*Windelo 54 : nacelle with L-shaped galley
12 people outside dining table for anchorage, 1 pilot berth with its chart table*



*Windelo 54 : nacelle with L-shaped galley
10 people dining table with extension, 1 pilot berth with its chart table*



*Windelo 54 - hulls plan for nacelle with L-shaped galley
1 master cabin, 1 office with storage, 1 private forward head
2 guest cabins, 1 central head, 1 separated WC*



*Windelo 54 - hulls plan for nacelle with L-shaped galley
1 master cabin, 3 guest cabins, 1 skipper cabin
2 separated WC, 2 central heads*



New Windelo 54 Yachting



New Windelo 54 Yachting

WINDELO 58

The Multifunctional Voyager

Born from Windelo's core values — performance, comfort, and respect for the ocean — the Windelo 58 embodies a unique encounter: the expertise of naval architects Barreau & Neuman, masters of high-performance multihulls, and the creativity of the Stellantis Design Studio, rooted in automotive design. The finesse of the hulls and the elegance of the lines first and foremost serve the everyday experience: to sail, to live, to share. Versatile and multifunctional, this 58-foot catamaran offers generous XXL volumes with rare agility, slipping gracefully into the most remote anchorages. It redefines proportions to deliver a true world-voyaging yacht — one that unites speed, elegance, and a refined way of living at sea. Powered by green energy and designed for resource efficiency, the Windelo 58 offers the discreet luxury of silent, sustainable, and harmonious journeys. It was conceived in the spirit of Time & Space Reclaimed: reclaim your time, unfold space, and let the horizon shape each day.

Available in 2 versions : ADVENTURE / YACHTING



TECHNICAL DETAILS OF THE WINDELO 58

DIMENSIONS

Length	17.68 m
Beam	9.48 m
Draft	1.35 m / 3.00 m
Light displacement	18 T
Freshwater tank	600 L
Blackwater tank	260 L
Max. number of cabins	5 (+ 1 skipper)
Max. number of people	13

SAIL

Type of rigging	Sloop
Mainsail area	129 m ²
Solent area	57 m ²
J2 area	coming soon
Code 0 area	coming soon
Gennaker area	coming soon

HULL

Type of appendage	Daggerboards
Hull materials	Basalt and PVC/PET foam sandwich
Deck materials	Basalt & PET foam sandwich
Type de helm	Twin Steering wheels

PROPULSION

Type of engines	Electric & hybrid engines
Engine power	Electric min. 60 kW nominal – 48 V
Generator	Diesel
Engine transmission type	Shaftline
Energy type	Electricity & diesel
Battery bank	coming soon
Green energies	Solar, hydrogeneration, wind turbines
Fuel tank	1 200 L

PRICE FROM

Prix de base en électrique-hybride

Adventure

2 100 000 €
EX-VAT

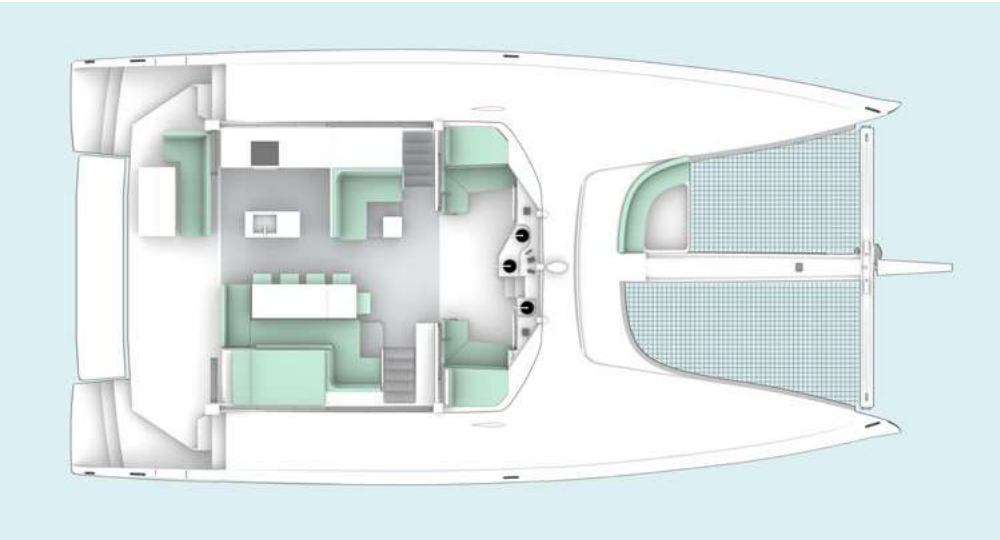
Yachting

2 310 000 €
EX-VAT

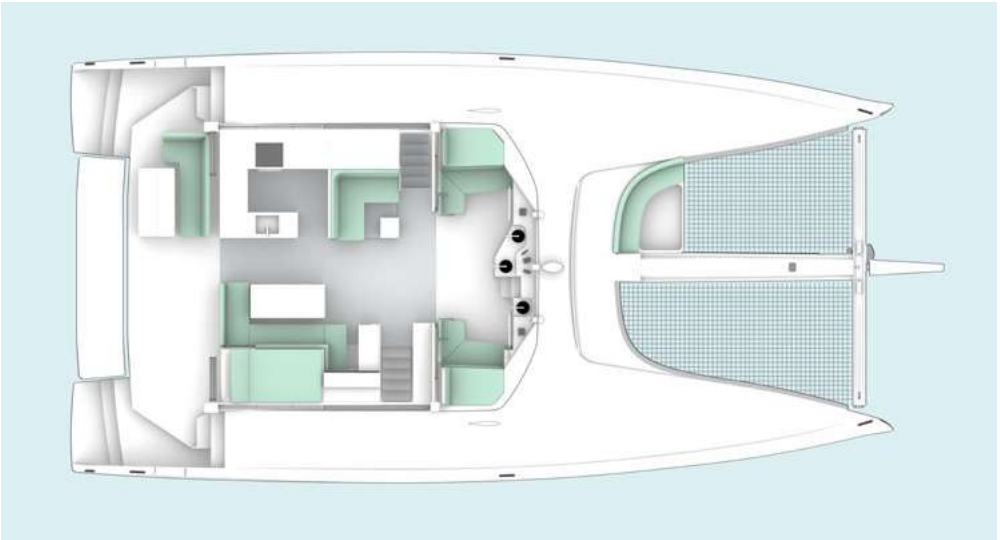
LAYOUT PLANS OF THE WINDELO 58

The floats layout plans can be adapted for each nacelle layout.

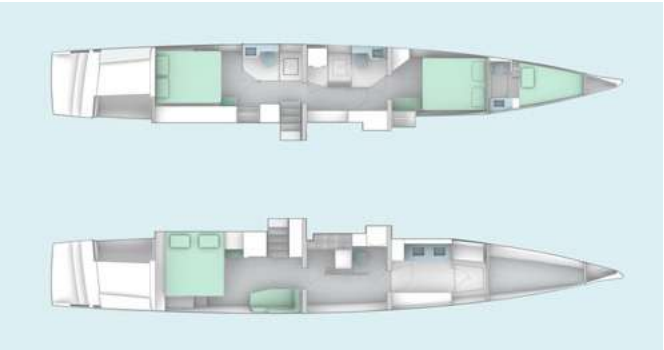
Nacelle fitted with an island shaped galley



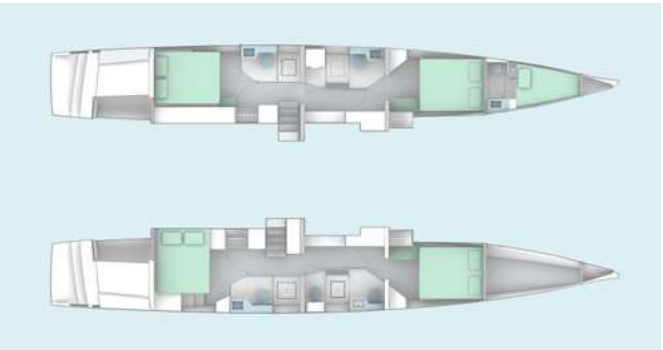
*Windelo 58 – Nacelle layout with island galley
Interior table with extension for 10 guests, exterior table for 8 guests*



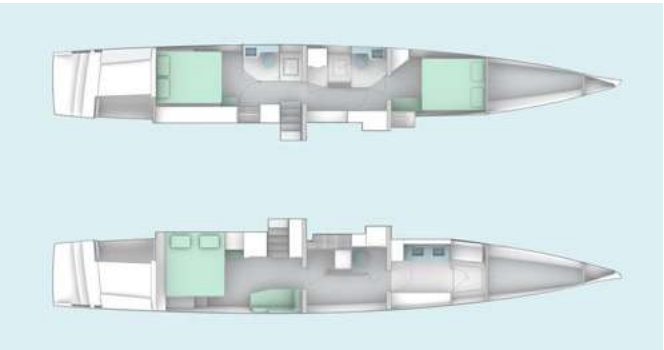
*Windelo 58 – Nacelle with enclosed island galley and starboard chart table
Interior table with extension for 10 guests, exterior table for 8 guests*



*Windelo 58 – Proposed hull layout compatible with island galley:
1 starboard owner's hull: 1 cabin, 1 forward bathroom, 1 separate toilet, 1 dressing room
2 guest suites with private bathroom and toilet, 1 laundry area, 1 skipper's cabin*

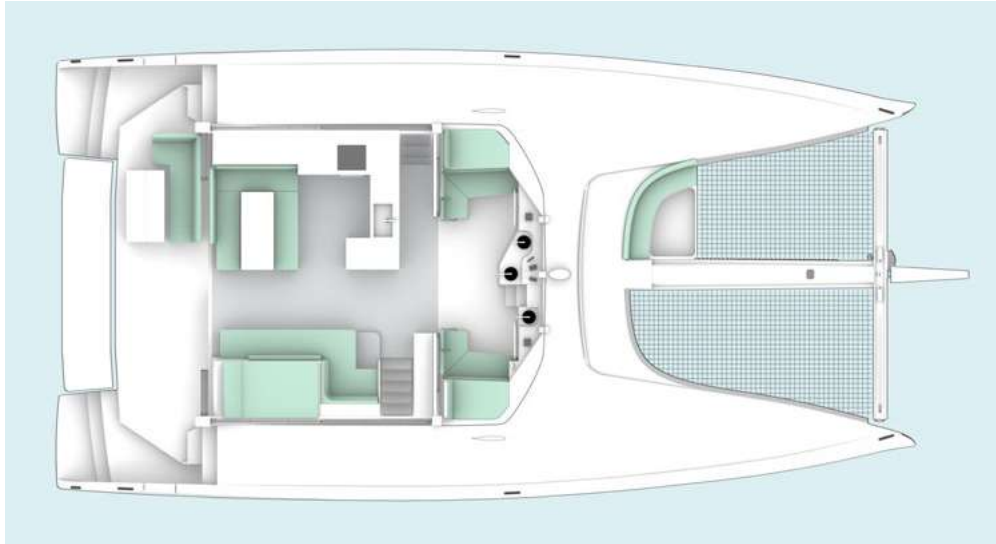


*Windelo 58 – Proposed hull layout compatible with island galley:
1 owner's suite, 1 separate toilet, 1 dressing area, and 1 guest suite
2 guest suites with private bathroom and toilet, 1 laundry area, and 1 skipper's cabin*

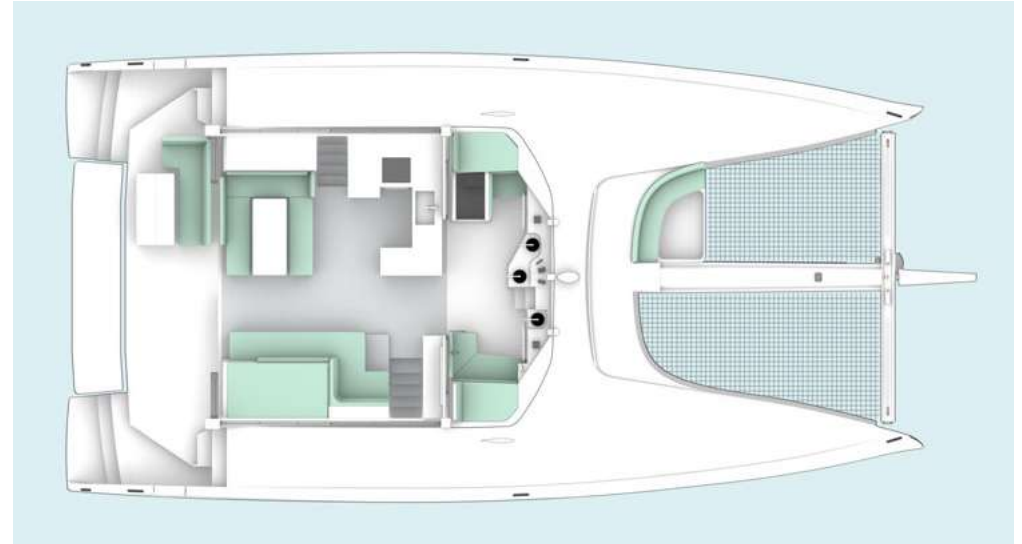


*Windelo 58 – Proposed hull layout compatible with island galley:
1 starboard owner's hull: 1 cabin, 1 lounge, 1 forward bathroom, 1 separate toilet, 1 dressing room
2 guest suites with private bathroom and toilet, 1 laundry area*

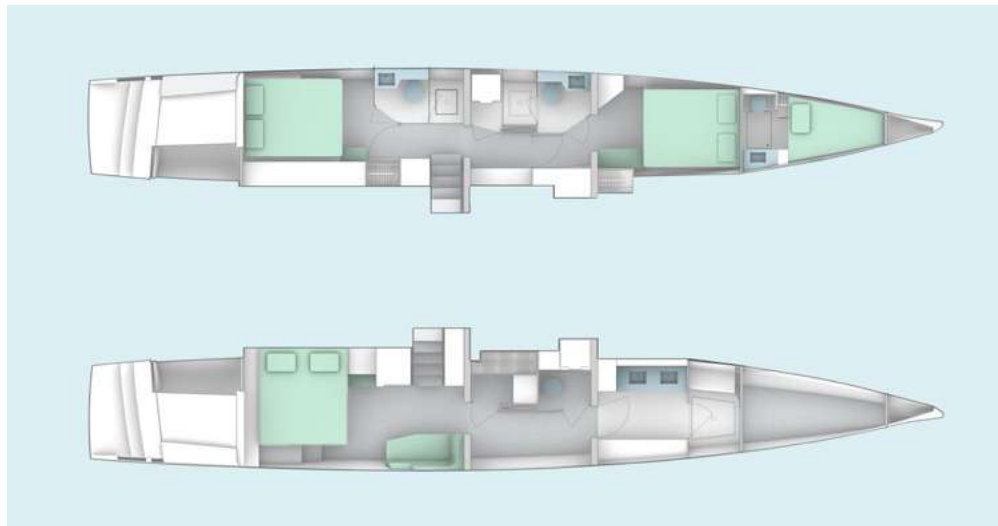
Nacelle fitted with a J-shaped galley



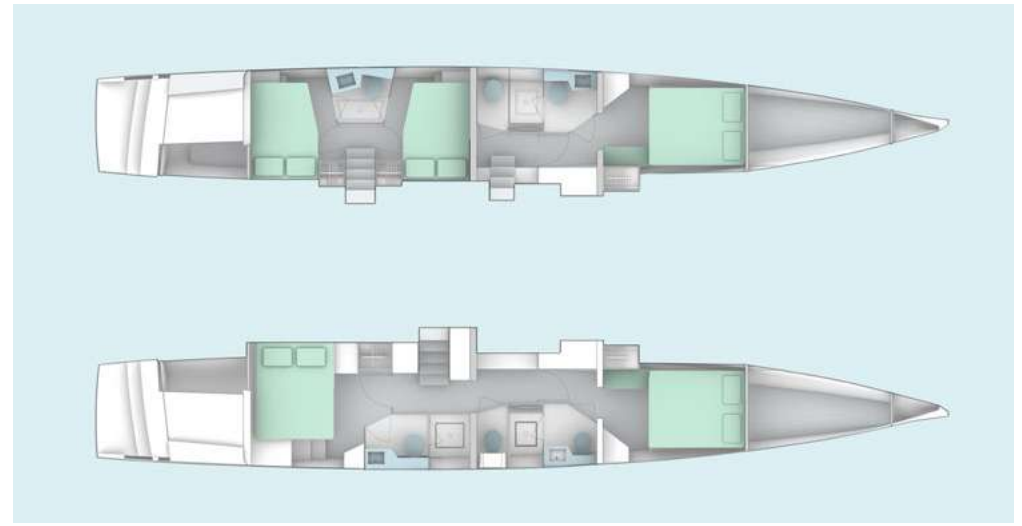
*Windelo 58 – Nacelle with J-shaped galley
Proposed arrangement for 3- and 4-cabin configurations*



*Windelo 58 – Nacelle with J-shaped galley
Proposed arrangement for 5-cabin configuration with double portside companionway*



*Windelo 58 – Proposed hull layout compatible with island galley:
1 starboard owner's hull: 1 cabin, 1 lounge, 1 forward bathroom, 1 separate toilet, 1 dressing room
2 guest suites with private bathroom and toilet, 1 laundry area, 1 skipper's cabin*



*Windelo 58 – Proposed 5-cabin hull layout compatible with J-shaped galley:
1 owner's suite, 1 guest suite, 1 separate toilet
1 guest suite, 2 double cabins with shared bathroom and central toilet, 1 separate toilet*



New Windelo 58 Adventure & Yachting



WINDELO 62

The elegance of effortless freedom

Flagship of the range, the Windelo 62 was born from the meeting of Barreau-Neuman's naval architecture and the vision of the Stellantis Design Studio. Its proportions are boldly reinterpreted: a fine, dynamic hull silhouette built for performance, elevated by a design that turns each day at sea into a rare experience — a true expression of ocean-going art de vivre.

Designed to sail far and long, this 62-foot eco-responsible catamaran handles with surprising ease, whether short-handed or fully crewed. With all maneuvers centralized in the forward cockpit, navigation becomes fluid, instinctive, and serene — an experience of total immersion with the sea.

Sustainable and self-sufficient in green energy, the Windelo 62 delivers luminous volumes, noble materials, and discreet luxury: the quiet comfort of a bluewater residence where Time & Space Reclaimed takes full meaning. The Windelo 62 reinvents the art of voyaging. Set your rhythm, the horizon responds — and the world opens without limit, in absolute comfort.

Available in 2 versions : ADVENTURE / YACHTING



New Windelo 62 Adventure & Yachting



New Windelo 62 Adventure & Yachting

TECHNICAL DETAILS OF THE WINDELO 62

DIMENSIONS

Length	18.88 m
Beam	9.48 m
Draft	1.35 m / 3.00 m
Light displacement	22 T
Freshwater tank	600 L
Blackwater tank	260 L
Max. number of cabins	5 (+ 1 skipper)
Max. number of people	13

SAIL

Type of rigging	Sloop
Mainsail area	140 m ²
Solent area	64 m ²
J2 area	coming soon
Code 0 area	coming soon
Gennaker area	coming soon

HULL

Type of appendage	Daggerboards
Hull materials	Basalt and PVC/PET foam sandwich
Deck materials	Basalt & PET foam sandwich
Type de helm	Twin Steering wheels

PROPULSION

Type of engines	Electric & hybrid engines
Engine power	Electric min. 60 kW nominal – 48 V
Generator	Diesel
Engine transmission type	Shaftline
Energy type	Electricity & diesel
Battery bank	coming soon
Green energies	Solar, hydrogeneration, wind turbines
Fuel tank	1 200 L

PRICE FROM

Prix de base en électrique-hybride

Adventure

2 550 000 €
EX-VAT

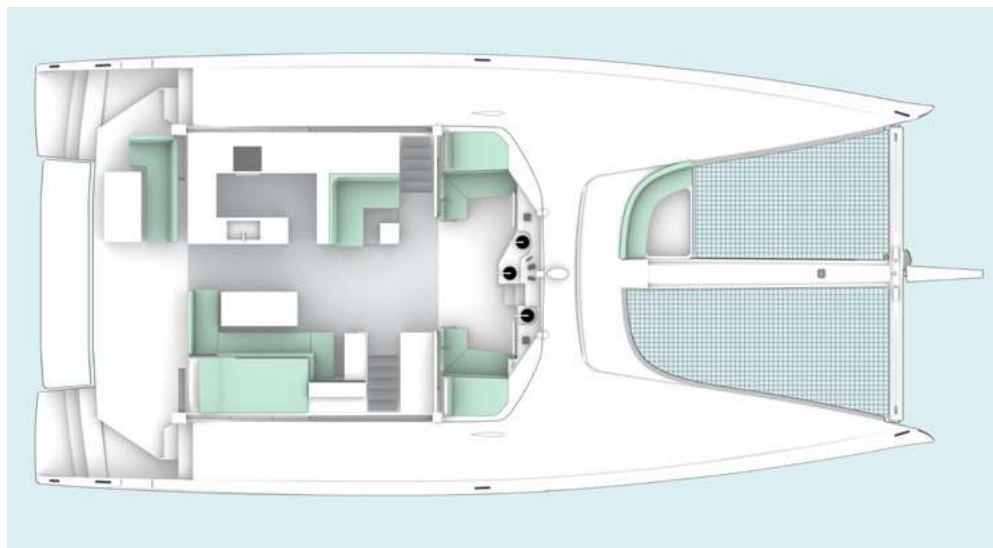
Yachting

2 800 000 €
EX-VAT

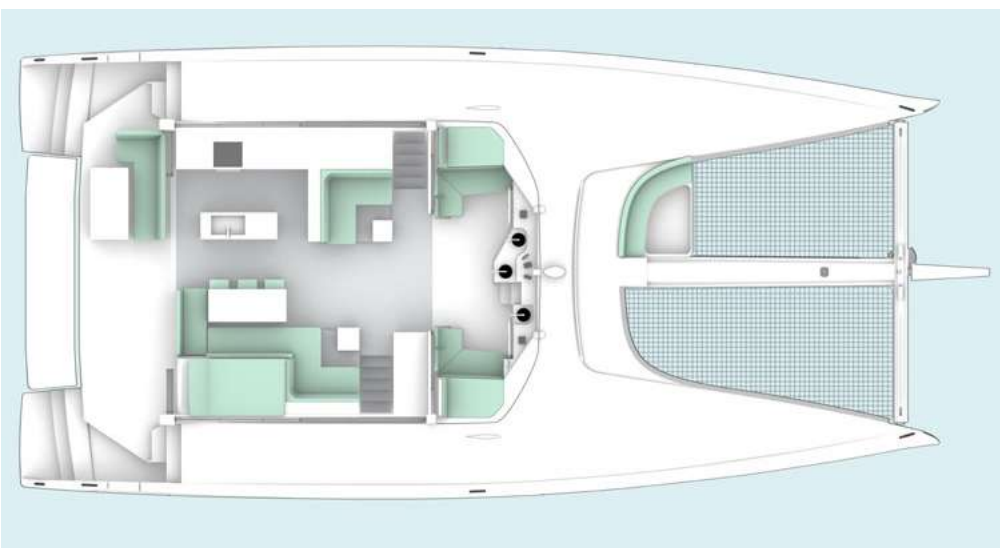
LAYOUT PLANS OF THE WINDELO 62

The floats layout plans can be adapted for each nacelle layout.

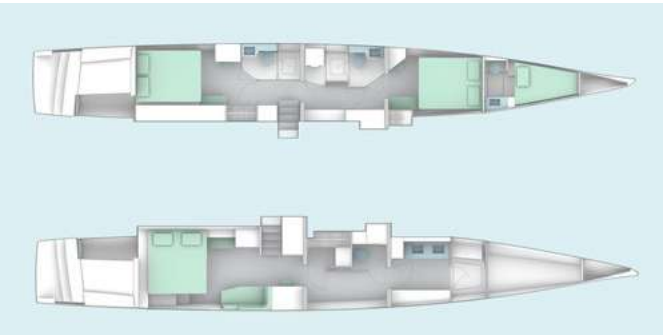
Nacelle fitted with an island shaped gallery



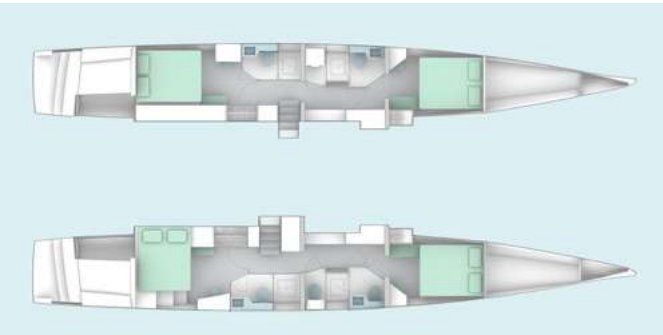
*Windelo 62 – Nacelle with enclosed island galley and starboard chart table
Interior table with extension for 10 guests, exterior table for 8 guests*



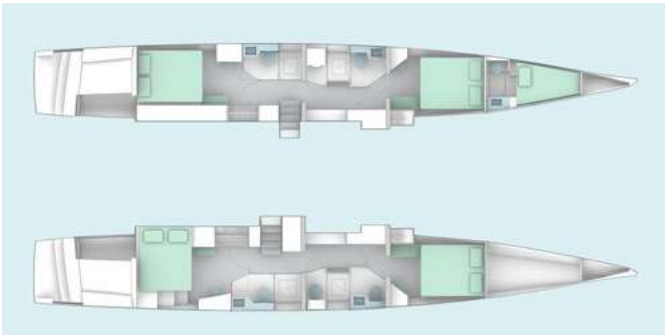
*Windelo 62 – Salon layout with island galley
Interior table with extension for 10 guests, exterior table for 8 guests*



*Windelo 62 – Proposed hull layout compatible with island galley.
1 starboard owner's hull: 1 cabin, 1 lounge, 1 forward bathroom, 1 separate toilet, 1 dressing room
2 guest suites with private bathrooms and toilets, 1 laundry area, 1 skipper's cabin*

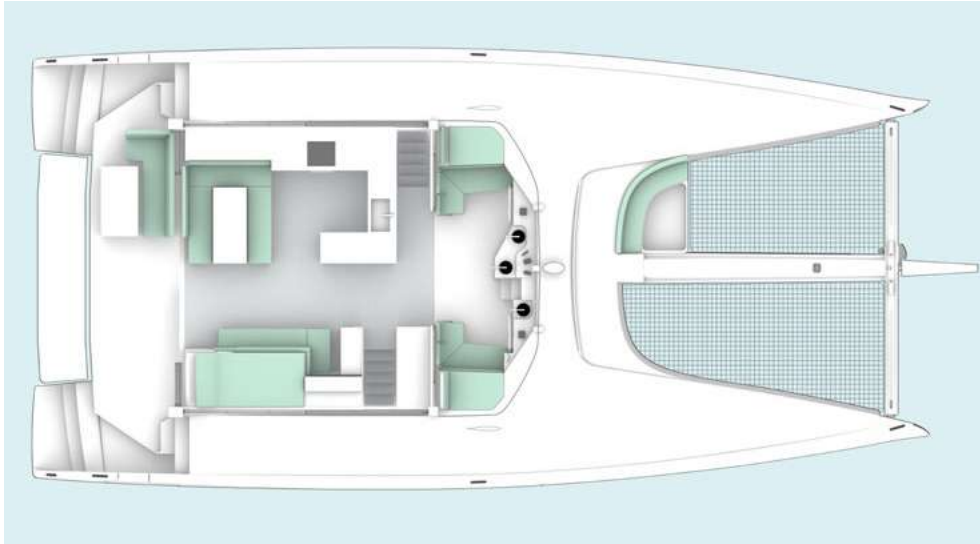


*Windelo 62 – Proposed hull layout compatible with island galley;
1 owner's suite, 1 separate toilet, 1 dressing area, and 1 guest suite
2 guest suites with private bathrooms and toilets, 1 laundry area, and 1 skipper's cabin*

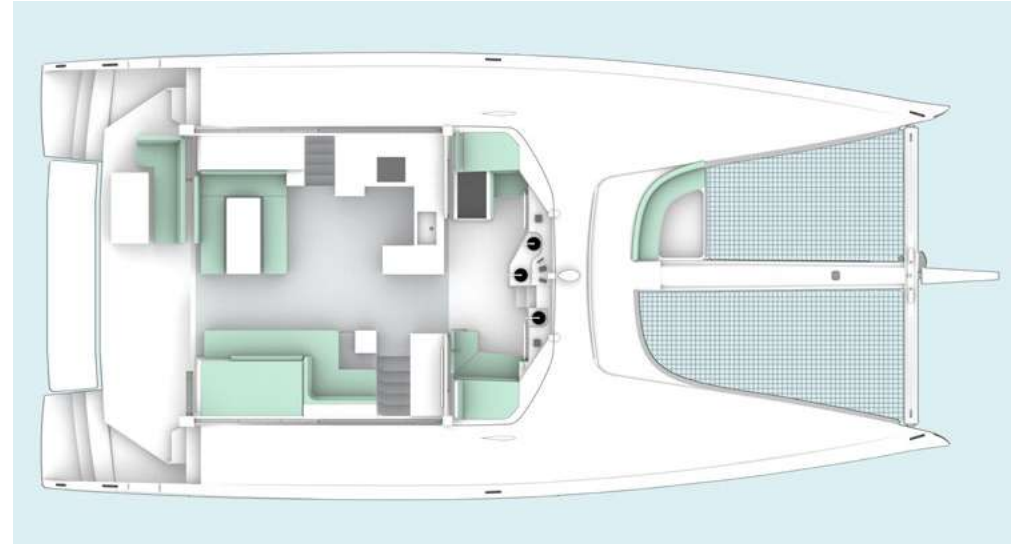


*Windelo 62 – Proposed hull layout compatible with island galley;
1 starboard owner's hull: 1 cabin, 1 lounge, 1 forward bathroom, 1 separate toilet, 1 dressing room
2 guest suites with private bathrooms and toilets, 1 laundry area, 1 skipper's cabin*

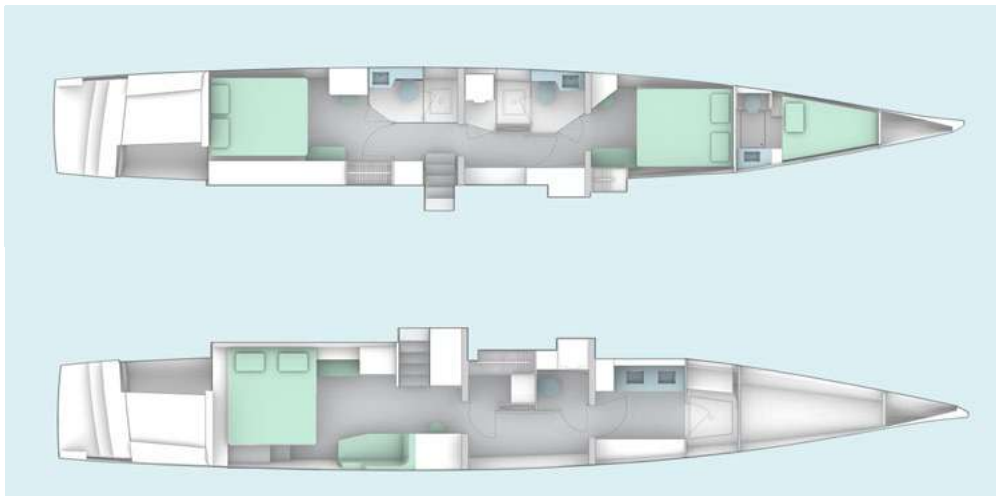
Nacelle fitted with a J-shaped galley



*Windelo 62 – Nacelle with J-shaped galley and starboard chart table
Proposed arrangement for 3- or 4-cabin configuration*



*Windelo 62 – Nacelle with J-shaped galley
Proposed arrangement for 5-cabin configuration with double portside companionway*



*Windelo 62 – Proposed hull layout compatible with J-shaped galley:
1 starboard owner's hull: 1 cabin, 1 lounge, 1 forward bathroom, 1 separate toilet, 1 dressing room
2 guest suites with private bathrooms and toilets, 1 laundry area, 1 skipper's cabin*



*Windelo 62 – Proposed 5-cabin hull layout compatible with J-shaped galley:
1 owner's suite, 1 guest suite, 1 separate toilet
1 guest suite, 2 double cabins with shared bathroom and central toilet, 1 separate toilet*



New Windelo 62 Adventure & Yachting



Nature, Simplicity & Practicality

In your mind, does sailing rhyme with adventure, crossing the oceans, and beautiful discoveries?

Wind & turquoise water, endless horizons, and magical sunsets on a remote island?

Do you search for freedom and to reconnect with yourself and the nature around you?

You love your planet, and you wish to sail by respecting this beautiful world around you?

Then the **Windelo Adventure** is just the boat for you! So follow your dreams, and let's sail away from it all!

Let's feel the breeze and savor life. Your next adventure starts right here!

The **Adventure** version is indeed designed for exploration and adventure, her hull protections have been upgraded.

The materials used are robust and easy to maintain, allowing alterations onboard in keeping with requirements.

Her characteristics make her particularly suited to family exploration and charter. Her equipment focuses on managing resources and waste.



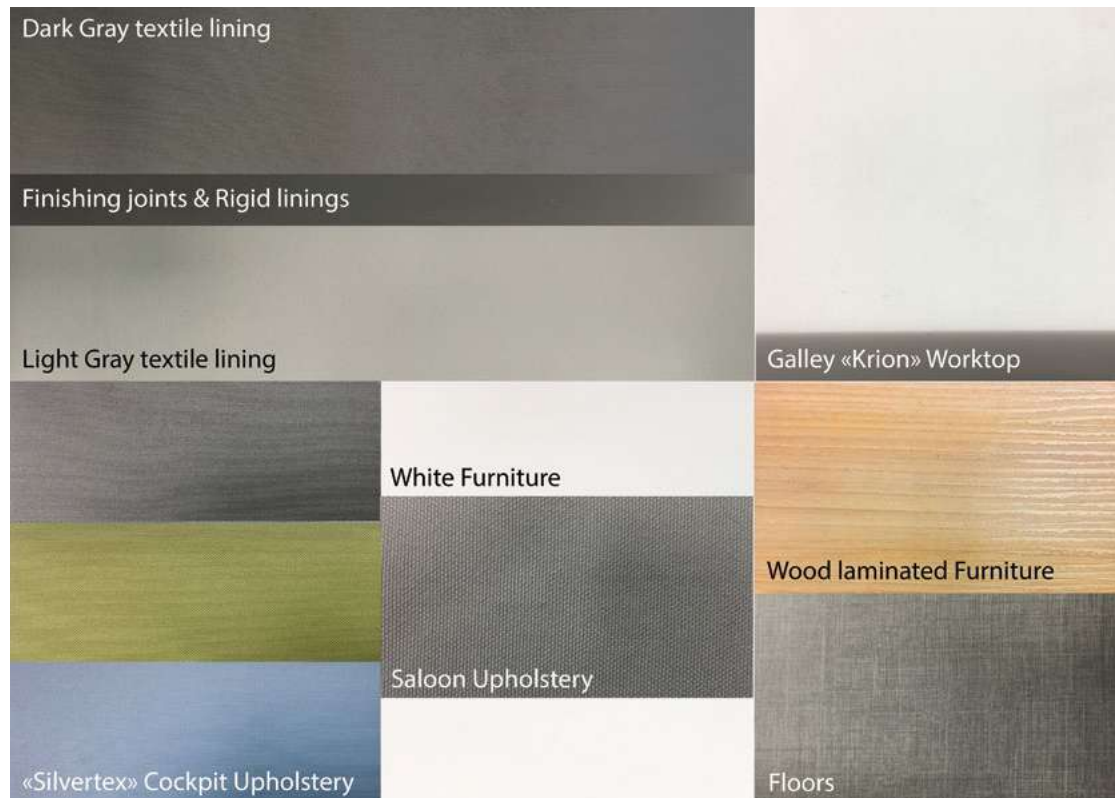
50 Adventure

SPARCRAFT I

OCEAN FUTURE

MATERIALS AND TEXTURES

ADVENTURE



Non-contractual illustrations





New Windelo 54 Adventure

Modern luxury, Harmony & Comfort

Do you dream of a respectful, sustainable, and comfortable performance navigation experience?

Generous with your guests on board and design-savvy, you enjoy feeling at home aboard your catamaran, relishing the comfort of each living space, and sharing convivial moments?

In its **Yachting version**, the Windelo is adorned with a high-end finish, combining the nobility of materials with attention to detail. A selection of woods, decors and upholsteries, as well as an exterior hull wrap further enhance the overall elegance of this version.

True to the Windelo DNA, the creative work behind the Yachting Design is respectful of Nature and the Ocean! All the materials are sourced and selected according to their foot-print.

The Yachting finish is available in **3 semi-customizable harmonies: Nordic Zen, Blue Wave, Dolce Vela.**



Specifications of the Yachting version

The Yachting version is equipped with a very comprehensive range of features enhancing her design and comfort.

Comfort:

- Blinds and curtains in the saloon and hulls
- Electric toilets
- Folding composite gangway
- Upgraded mattress in double cabins
- High end household appliances
- Daybed with flip up backrests
- Cup holders within the cockpit upholstery
- High end fixtures & fittings
- Chain counter
- Extra roof access steps

Design:

- White lacquered aluminum mast and boom
- Customized hull wrap
- Retractable mooring cleats
- 3 Interior harmony options
- Waterfall galley countertop including sinks
- High-end mat black fittings and fixtures
- Wood finish saloon table
- Leather-like chart table top



MATERIALS AND TEXTURES OF THE YACHTING VERSION

NORDIC ZEN

The «**Nordic Zen**» Yachting harmony is inspired from Scandinavian warmth and Japanese «Zen».

Its contrasts between light warm wood tones and black or metallic features creates an atmosphere on board which is both resolutely modern and warm.

Customisations:

With Windelo Yachting Version's, by choosing a floor tone and your preferred countertop, you can make this harmony your own.



Non-contractual illustrations



MATERIALS AND TEXTURES OF THE YACHTING VERSION

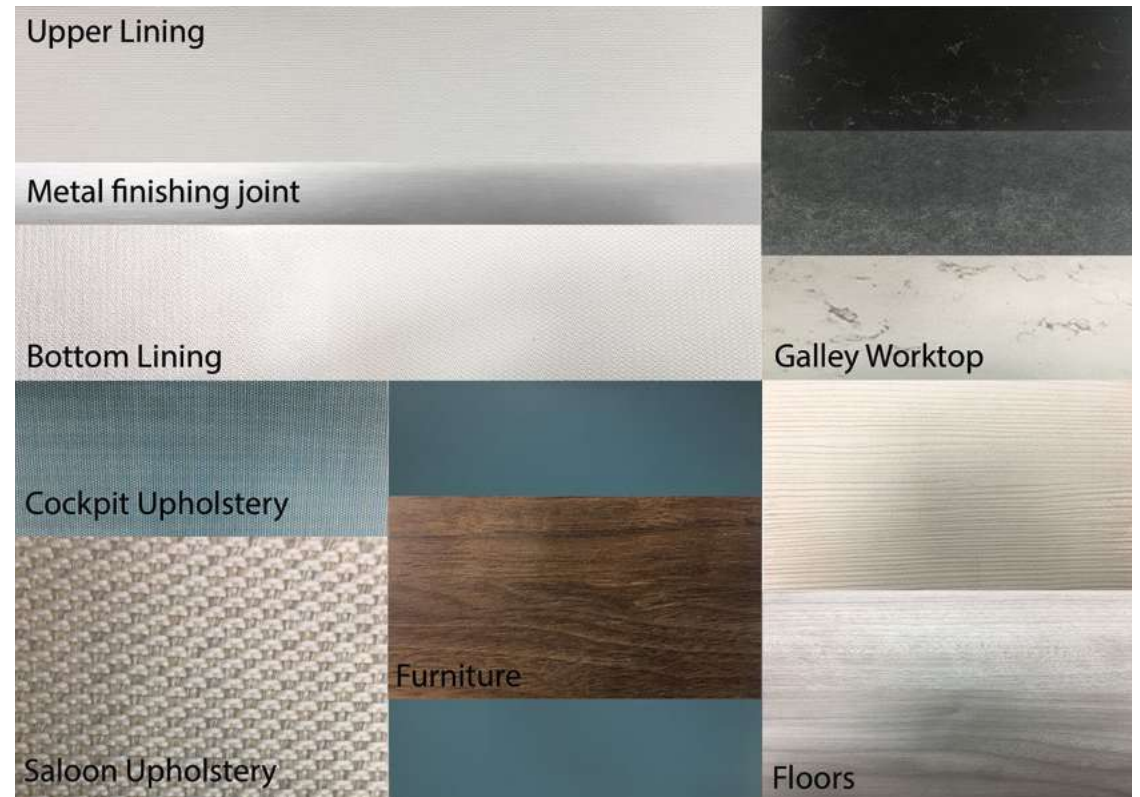
BLUE WAVE

Elegant and modern, the «**Blue Wave**» Yachting harmony plays on contrasts and textures in a subdued tone.

A subtle touch of blue adorns the upholstery and highlights the design of the furniture.

Customisations:

With Windelo Yachting Version's, by choosing a floor tone and your preferred countertop, you can make this harmony your own.



Non-contractual illustrations



MATERIALS AND TEXTURES OF THE YACHTING VERSION

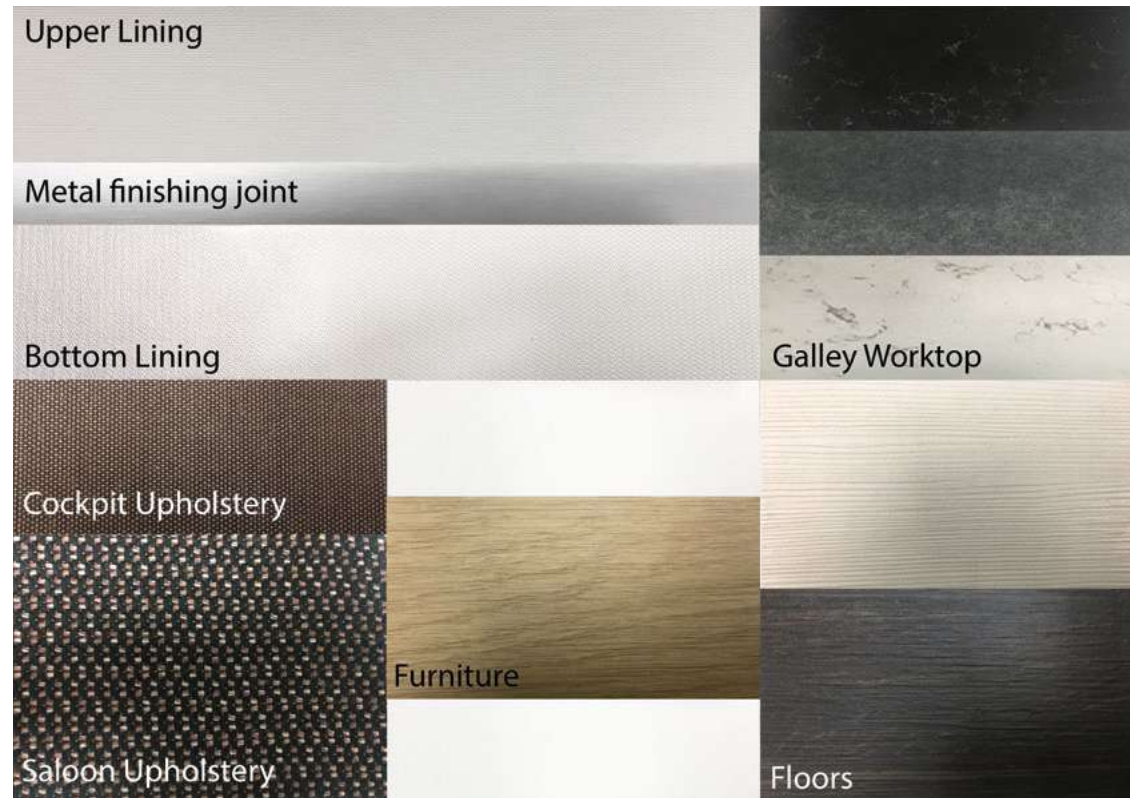
DOLCE VELA

Enveloping and radiant, the «**Dolce Vela**» harmony warmly adorns the interiors of the Windelo.

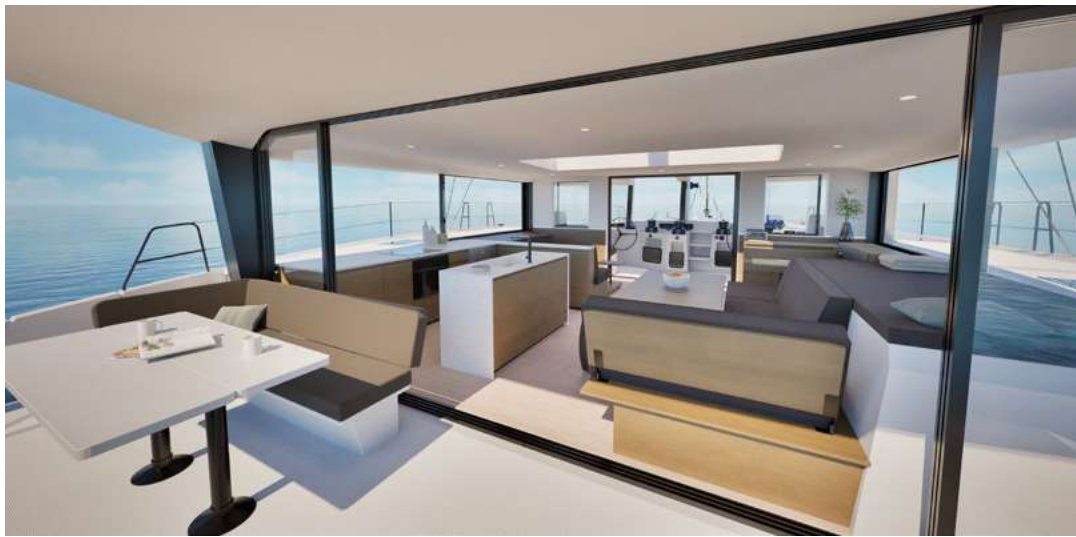
Its brown and golden tones blend harmoniously, creating a truly «Home Sweet Home» atmosphere.

Customisations :

With Windelo Yachting Version's, by choosing a floor tone and your preferred countertop, you can make this harmony your own.



Non-contractual illustrations





SPORT MODELS

WINDELO

51 SPORT

From
1 450 000€ EX-VAT

Are you looking for a version of the *Windelo* with enhanced performance?

Faster, our Sport versions will appeal to the most demanding sailors.

On board the *Windelo 51 & 55 Sport*, the sensation and pleasure of sailing are at the heart of every consideration.

These new versions have been optimized down to the smallest detail to increase their performance under sail and fully leverage their potential.

The *Windelo 59 & 63 Sport* versions will be available soon.

WINDELO

55 SPORT

From
1 880 000€ EX-VAT

OPTIMIZED HULL SHAPE

The resolutely more aggressive design of the **Windelo 51 & 55 Sport** stands out with sleek, sharp lines.

Sport versions boast a longer waterline length and more pronounced inverted bows, up to 17°. This more radical design boosts the speed potential and improves the passage through the waves.

For better upwind performance, the daggerboards have been reshaped and extended by 65 cm to improve lift even further.

For better upwind performance, the daggerboards have been reshaped and extended by 65 cm to improve lift even further.

The balanced rudders have also been redesigned and significantly lengthened to enhance helm sensitivity.

Lighter and stiffer, the rudders and daggerboards of the **Windelo Sport** are made from Carbon fiber.



A RACING RIG

A lighter and more powerful rig comes standard on the Sport versions. The use of carbon mast profiles, extended by one meter and equipped with Kevlar rigging, results in a weight reduction of nearly 15 % in the upper sections, while increasing the sail area.

The traditional bowsprit and aluminum forward beam are replaced by a stiffer and lighter carbon cross beam, with a 30 cm extension that adds up to 20 % more surface area to the downwind sails.

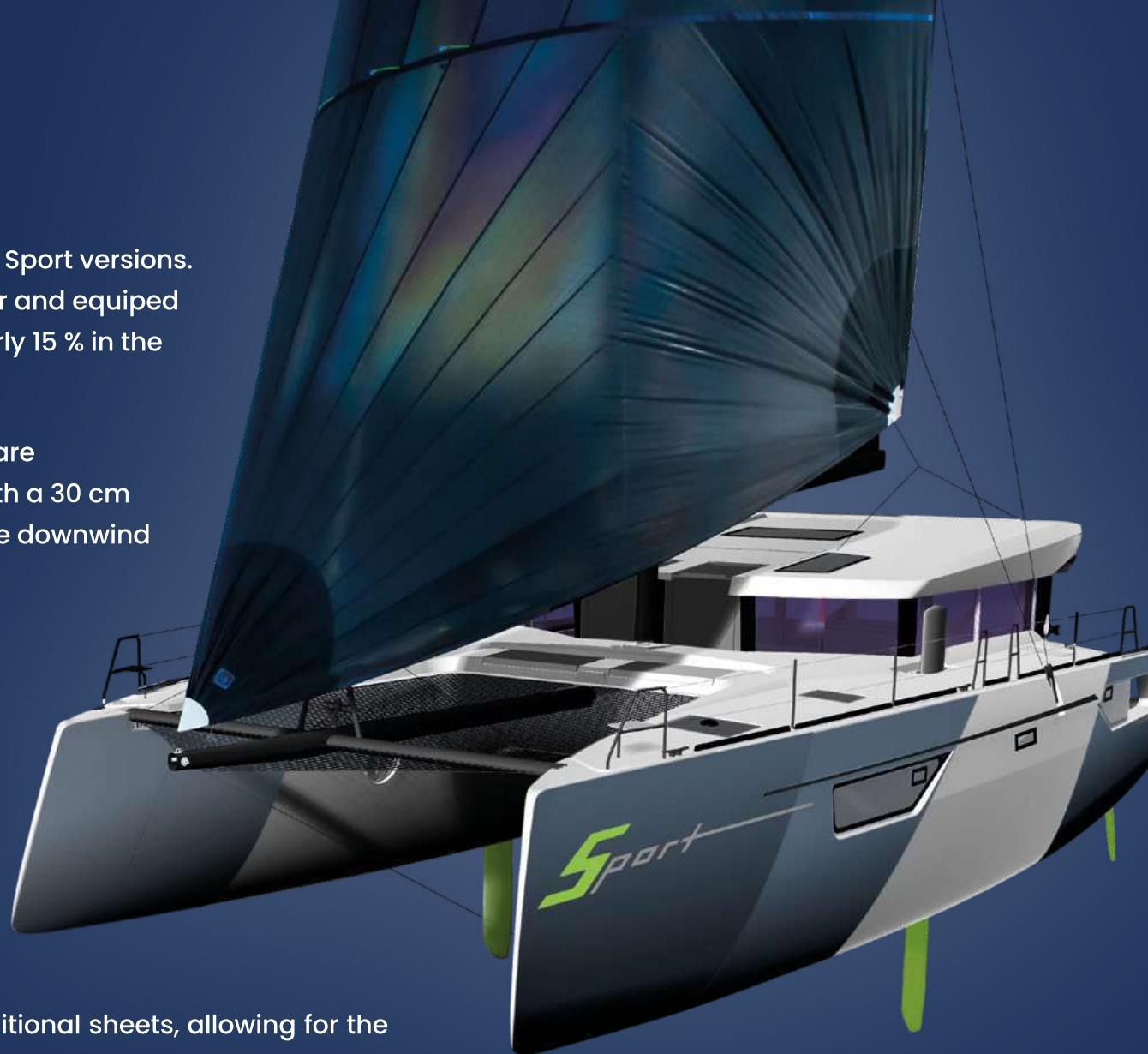
To fully leverage the power of the Racing rig, the **Windelo 51 & 55 Sport** are equipped with Racing deck fittings and high-end blocks on Dyneema lashings.

The sail set has also received a special attention. Windelo has chosen 3D membrane technology, using a selection of durable, high-performance materials derived from offshore racing.

The self-tacking solent is replaced by a system of traditional sheets, allowing for the optional installation of a removable forestay and staysail.

For perfect control of the rig and harmonious aerodynamic performance, the **Windelo 51 & 55 Sport** are equipped with additional sail trimming features.

Overall, the rig of the Sport versions has been carefully refined, offering more control and power for an unmatched sailing experience!



A LIGHTER STRUCTURE & LAYOUT

The layouts of the **Windelo 51** & **55 Sport** are lighter and more technical. A more dynamic interior design highlights the sporty character of these two new versions, without sacrificing the brand's core values: eco-responsibility, pleasure and comfort of living.

To lighten the layout, new materials have been carefully selected. On board the Sport versions, every detail counts.

Technical composites are showcased and integrated into the new design : exposed basalt fiber, carbon helms...

To reduce weight and withstand greater forces, the internal structure of the Windelo Sport is also optimized.

The main structural bulkheads are made 100 % from carbon fiber.

Compared to the Windelo 50 & 54, a total weight savings of over 500 kg is achieved through more engaged technical choices and high-performance material selections.

The **Windelo 51** & **55 Sport** are both larger, more powerful, and lighter!





New Windelo 55 Sport



OPTIMIZED FEATURES

Hi-Tech 3D membrane sails

Optimized sail area

Solent on track sheets

Optional removable forestay and staysail

Performance hull wrap for a distinctly sporty visual identity

Racing deck fittings

Performance hull wrap for a distinctly sporty visual identity

«Performance-luxury» interior design for a sporty identity and weight optimization

Extended carbon mast (+ 1 m) & Kevlar shrouds

Oversized bowsprit & carbon cross

Carbon structural bulkheads

Optimized carbon rudders and daggerboards

Carbon helms

17° inverted bows

Longer waterline (+ 33 cm)



Combining performance with comfort and sustainability, this is the ambitious proposition of the **Windelo 51 & 55 Sport!**

These two new versions are the result of uncompromising technical development:

- A controlled weight through the use high-performance materials

- A racing rig

- Sharp bows and an extended waterline

On board the Sport versions, pure performance is complemented by elegance and modernity in a perfect harmony.

TECHNICAL SPECIFICATIONS

NEW WINDELO 51 SPORT

Waterline length: 15.54 meters

Mast: 21.9 meters

Main sail: 98 m²

Solent: 45 m²

Code 3: 135 m²

Gennaker: 192 m²

Mini / Maximum draft: 1.03 m / 2.93 m

NEW WINDELO 55 SPORT

Waterline length: 16.54 meters

Mast: 22.8 meters

Main sail: 106 m²

Solent: 48 m²

Code 3: 160 m²

Gennaker: 220 m²

Mini / Maximum draft: 1.03 m / 2.93 m

The **Windelo 59** & **63** Sport versions will be available soon.

03

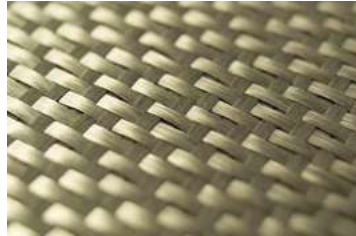
**Innovation for
performance, comfort
and ecology**



WINDELO 50

Special
mention
"Sustainability"

Recycled and bio-sourced materials



BASALT FIBERS

Basalt – yes, that’s right, the byproduct of a volcanic eruption – became the factor that solved the mystery of how to build a light, sustainable hull. Basalt fibers have been produced for many years now (in wind turbines, for instance), but Windelo is among the first to use them in yacht construction. Basalt rock is one of the main constituents of the ocean crust and is an abundant resource. No additives are needed to transform it, which reduces carbon emissions by ten.

We primarily use basalt fiber in the structure of our boats. Basalt is a natural volcanic fiber that offers vibration resistance and durability while maintaining a high strength-to-weight ratio. These basalt laminates are used to build a stiff, light, and much more sustainable hull compared to traditional fiberglass construction. The basalt fiber presents high fire resistance, high heat resistance, and high mechanical features. The basalt fiber can be fully recycled by being redesigned in the oven and reused.



PET FOAM

Generally, yachts’ hulls are built using a foam core which is not very good for the environment. PET (Polyethylene Terephthalate), light and 100 % recycled, gets around that issue. PET foam is a key part of the jigsaw that ensures the hull of the Windelo catamarans is far kinder to the environment than traditionally constructed ones.

PET foam is made from recycled PET, mainly from reused old drinking bottles that are crushed into very small pieces then melted again to create the PET foam. The PET core generates almost 50 % less CO2 during the fabrication process than the PVC core, a traditional material for naval constructions.

BASALT



Basalt

Basalt is the most common type of volcanic rock on earth.



Transformation into basalt fiber

Basalt fiber is a natural product made from basalt stone with no additives required.



Use and physical properties

Basalt fiber has unique fire, heat and chemical resistance, along with higher mechanical properties from 12 % to 15 % than glass fiber.



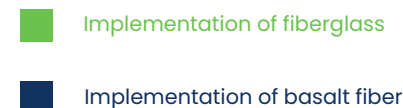
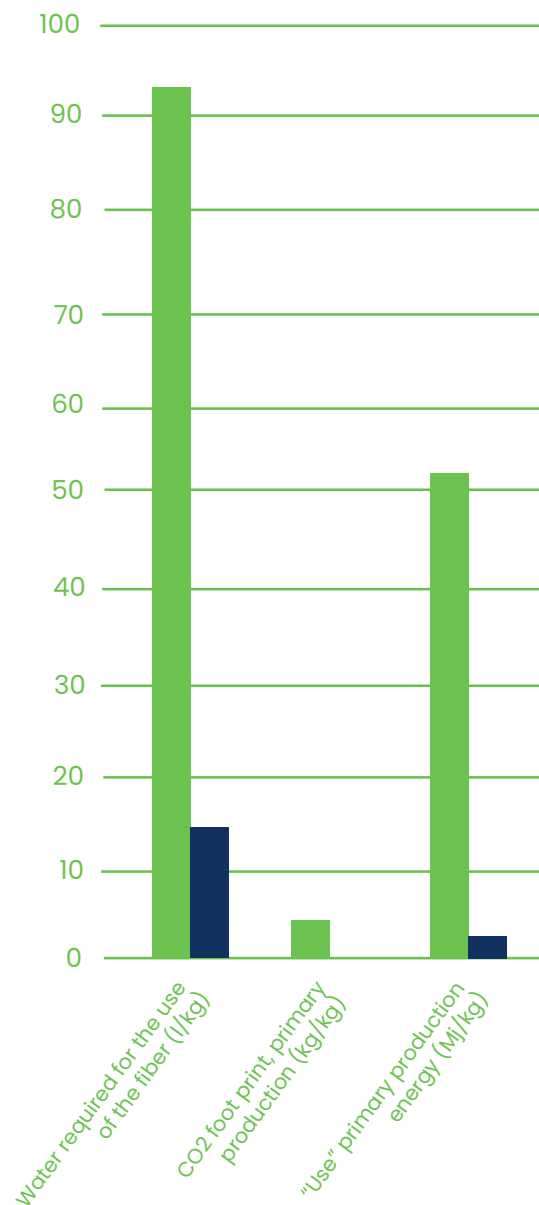
End of life and recycling

Basalt fiber is 100 % recyclable. It can be remelted in a furnace and rewoven.

SOME KEY FIGURES

- Environmental impact, energy: 91.5 kg glass = 1,000 kg basalt
- Environmental impact, carbon: 115 kg glass = 1,000 kg basalt

	BASALT	GLASS
Energy consumed over 40 years:	62.7 MJ / year	1330 MJ / year
CO ₂ consumed over 40 years:	4.25 kg / year	77.60 kg / year



Electric hybrid drive system & production of green energies

Building a boat that is efficient, comfortable, and in harmony with nature is the essence of the Windelo spirit. To achieve this, using an electric drive system is essential, but it is also crucial to have an extensive navigation range.

Autonomous in green energy, the Windelo is equipped with an electric hybrid drive system. This motorization consists of two 20 kW electric engines, a battery bank of 1120 Ah in 48 V (53.8 kWh) as well as different charging solutions:

- Flexible or rigid solar panels, up to 5880 W for a complete charge of the batteries.
- Wind turbines of 400 W to charge the battery bank regardless of sunshine.
- A hydrogenerator that recharges the battery bank in 24 h when the boat is under sail.

Windelo catamarans offer you significant autonomy if you want to sail under power only using green energies. At 6 knots, the Windelo catamarans have a range of nearly 3 hours and 45 minutes, i.e. roughly 22.7 nm with an 1120 Ah battery bank.

When the energy consumed is not compensated by renewable energies, the 18 kW backup diesel generator starts to supply the electric motors and recharge the batteries. When using the generator(s), the Windelo can cruise more than 1100 miles at 6 knots under power.

Thanks to Windelo's electric hybrid drive system, you will be navigating silently even when using the engines. Enjoy the sound of the waves and undisturbed wildlife as you set sail from your dream anchorage to a new destination. No more exhaust fumes and vibrations – sailing is now a real pleasure and environmentally-friendly experience.



Windelo catamarans are equipped with a two 20 kW electric engine propulsion system, powered by a 1120 Ah 48 V battery bank. At 6 knots, the Windelo catamarans have a range of nearly 3 hours and 45 minutes under battery bank.

SOURCE DISTRIBUTION

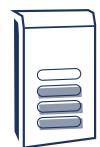
TRANSFORMATION / ENERGY

DISTRIBUTION

220 V / 110 V SYSTEM



Shore supply
16 A - 32 A



Charger / Inverter
10 kVA

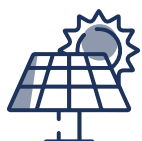


AC 230 V / 110 V

48 V SYSTEM



Generator(s)
17.9 kW - 35.8 kW



Photovoltaic solar panels
up to 5880 W



Propulsion Batteries
53.8 kWh / 1120 Ah 48 V



Port Engine
20 kW

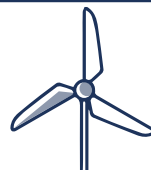


Starboard Engine
20 kW

Transformer
48 V / 24 V



24 V SYSTEM



Wind turbine
400 W - 800 W



Service Batteries
6,7 kWh - 13.4 kWh



DG 24 V

BATTERY BANK (LFP Batteries)

53.8 kWh 48 V for **propulsion**

6.7 kWh 24 V for **service**

20-80 % CHARGING CYCLES FROM SINGLE POWER SOURCES

Solar up to 4 500 W: 22 hours of sunshine

Solar up to 5 880 W: 17 hours of sunshine

Hydrogeneration: 24 hours at 10 knots

1 generator (17.9 kW): < 3 hours

Shore Power (220 V 32 A): < 8 hours

TYPICAL USE CASES:

Making 200 L of water and using all comfort equipment (washing machine, dishwasher, electric hobs & oven...) would use 10 kWh. **3 000 W of solar will provide a positive energy balance.**

Even better **4 500 W of solar will produce 18 kWh giving you 8 kWh to spare.**

Day at anchor

Motoring only

Coastal cruising

Long passage

Cruise 4 hours full electric at 6 knots and top up with the generator in 75 minutes **OR** motor up to 1 100 nm with the Generator in Autonomy mode.

For example, motor 1-2 hours and sail 3-4 hours with hydrogeneration. The boat will be **recharged by the evening when you reach anchorage.**

Fully autonomous and constantly charged from green energies only (solar & hydrogeneration).

Performance



All the Windelo catamarans are recognizable by their impeccable slim, well-balanced hull, designed by Christophe BARREAU and Frédéric NEUMAN to enhance performance and seaworthiness.

Built for the pleasure of sailing and exploring, they allow a better performance than other catamarans of this size.

The well-contained proportions of the nacelle compliment the very slender floats. With a bridgedeck clearance of 90 cm, the nacelle is positioned further aft to improve the boat's passage through the sea. Good weight centering and good taut lines lessen movement and pitching – a true sign of performance and comfort.

The lengthened buoyant hull flares out above the waterline and is very little sensitive to payload. The peaks are slim, and the hulls narrow for greater waterline length. Volume is also provided by angling the floats 6° off the vertical axis. The load-bearing volume extends outward, thereby increasing transverse stability.

Windelos are undoubtedly fast, easy to handle cruising catamarans, built for sailing seas all over the world, in safety and comfort.



Comfort & Safety

COMFORT

The team at Windelo wanted to design a yacht that becomes your comfortable home, even when you are many nautical miles from land. It was essential to provide a feeling of both space and light in all living areas.

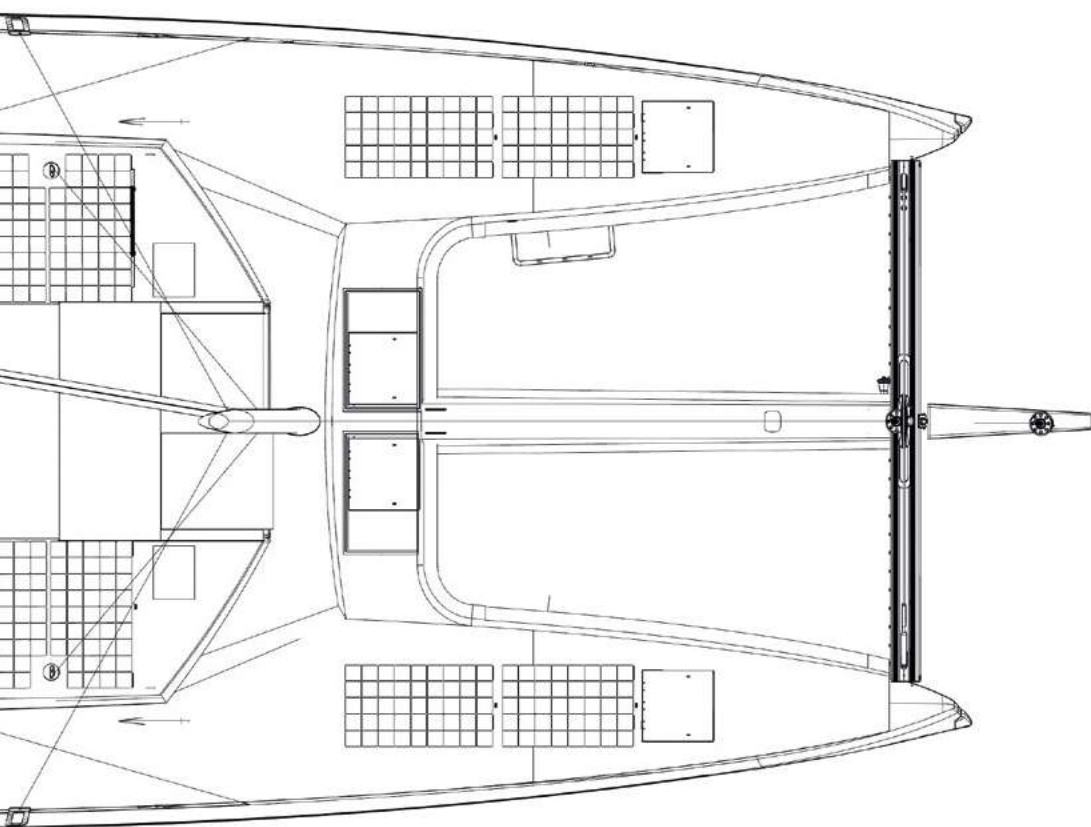
The key behind creating this large open living space was to eliminate the barriers between indoor and outdoor areas. To do this, the portholes and gunwale openings have been cleverly designed to subtly blend the line between where indoor ends and outdoor begins while also letting in masses of natural light.



SAFETY

To cruise with confidence, it's vital that sailors have total faith in their boat. To this end, Windelo has ensured that our catamarans are class-leading in terms of strength. The hull features crash bulkheads, extra stringers, and hull reinforcement at key stress points.

With all the ropes and trimmings right beside the mast, the forward cockpit considerably reduces the amount of movement on the side decks and deck. Any risks for the crew are therefore limited, particularly in bad weather. Our catamarans are also carefully designed with ergonomic equipment giving the skipper a comfortable place to relax and unwind.



New Windelo 54 Yachting

Forward Cockpit

Located just aft of the mast, the forward cockpit has a clear view of the sea and offers a wonderful helm feeling. It can be opened up when the weather conditions are beautiful; or closed off completely to protect the helmsman from the elements. The forward cockpit's fixed and sliding openings (side, ceiling, and front) offer an excellent view of the bows, sails, rigging, and the catamaran's foredeck.

By bringing all the navigation and boat controls into the cockpit, we have succeeded in organizing the space in a new way, improving the whole crew's safety and offering true pleasure at the helm.

The cockpit is modern and innovative, opening onto the saloon through completely watertight doors. The space offers unrivaled comfort and makes social interaction between the skipper and the crew a lot easier. We all agree that exploring the seas in good company is one of sailing's true pleasures.





New Windelo 50 Yachting

Panoramic Views

Make the most of the sea! In keeping with Windelo's guiding philosophy, the architects Christophe BARREAU and Frédéric NEUMAN invented a living space combined with a helm station, opening fully onto the sea. We have focused our efforts on the geometry of the material and visual boundaries of this space and the opening kinematics of the bays. Once opened, they "disappear" to transform the interior into an exterior.

In the rear cabins, a wide turning porthole eliminates the angle between side plating and backside. The cabin space is therefore generous despite the relative narrowness of the hulls.

The 360-degree views are achieved by a clever design that ensures the absolute maximum amount of light and a comfortable living space even if you have well-contained proportions of the nacelle and very slender floats.



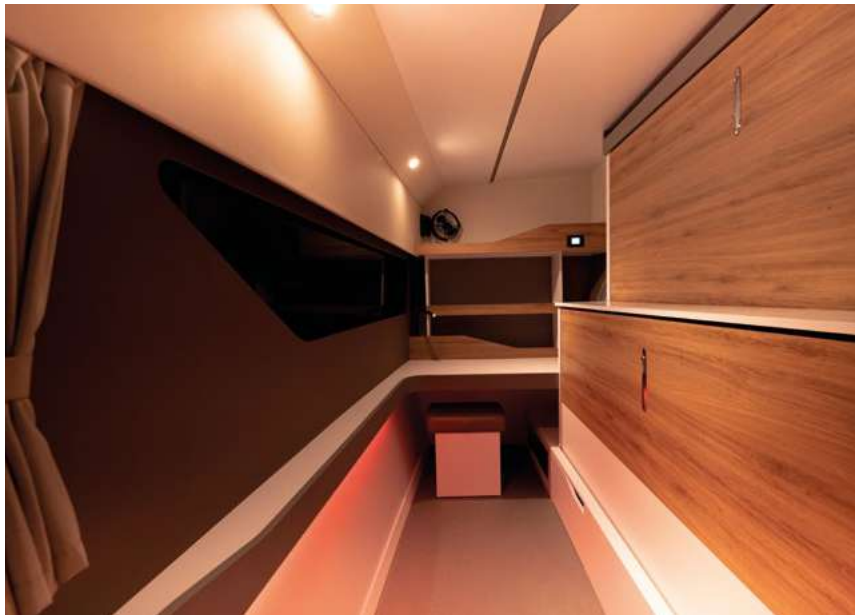


Customization



Because we are all different and none of our adventures are alike, we build unique boats for an extraordinary life experience.

All our catamarans, be it a Windelo 47, 50, 54, or 57, come in three versions: Adventure, Yachting, and Sport. Whether you are an explorer at heart, or you like to sail in high comfort, or you prefer to feel the speed of the wind, you will find a Windelo that suits you precisely!



Buying a yacht is a hugely personal thing, and we understand that each customer has their own specific set of needs. Our aim has never been to mass-produce yachts.

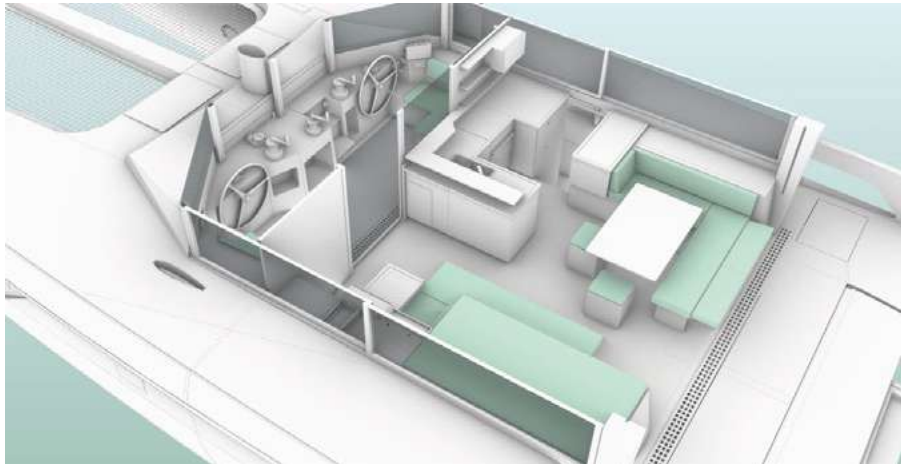
We will work with you to ensure that your catamaran will suit to you.

While the fundamental hull design will always remain the same, other aspects such as interior layout (L-shaped or U-shaped galley, cabins layout...), color, equipments, have a high level of options.

Modular thinking

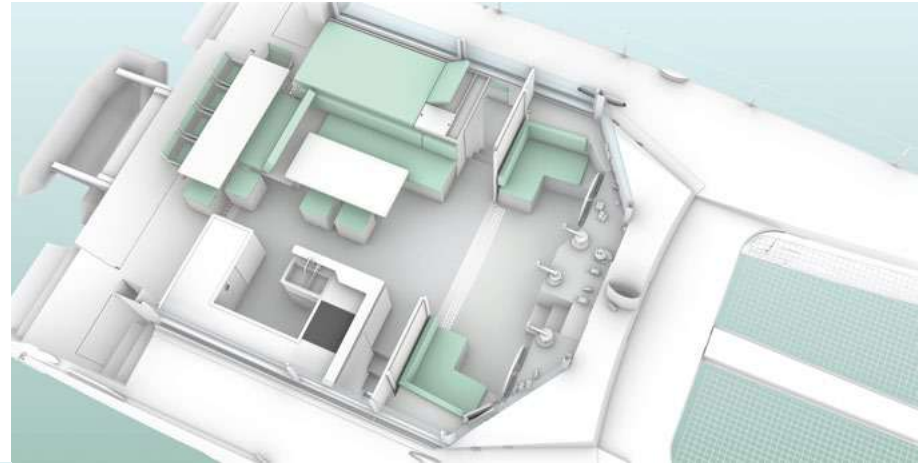
Instead of designing separate indoor and outdoor spaces, Windelo's solution is to offer a modular space with unmatched proportions for a catamaran of its category.

The result is a vast, single, seamless space comprising the cockpit and main galley, with a 360° view of the sea and retractable bulkheads opening it up to the fresh air.



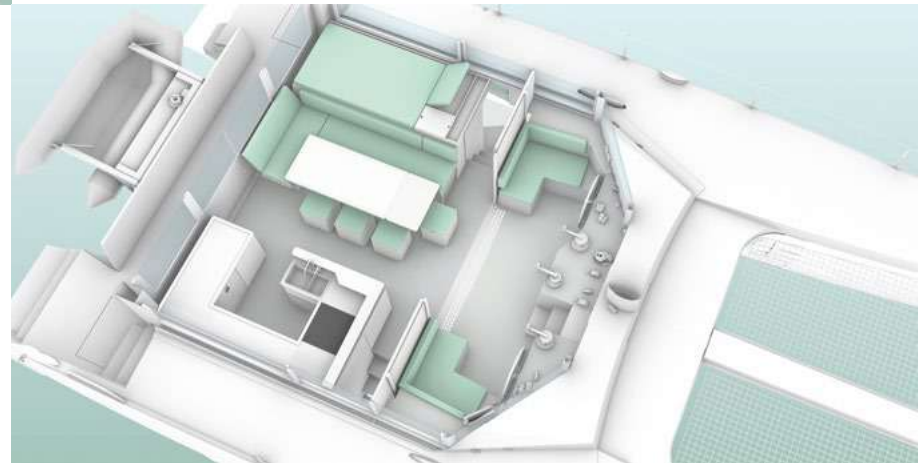
is still a panoramic view of the sea. At anchor or in light air, the openings slide away out of sight, and the indoor saloon becomes an outdoor space. This provides an unprecedented amount of comfortable space that alternates between a spacious saloon and an extensive open terrace.

This work on the modularity and the disappearance of boundaries is also found at the nacelle's extreme rear. When anchored, the articulated platform transforms into a floor and creates an additional space to enjoy al fresco dining.



By unleashing their creativity, the architects stretched the catamaran's comfort to the limit without compromising on performance. The result is a resounding success. Christophe BARREAU, who co-designed the Windelo catamaran with Frédéric NEUMAN, agrees: «The team welcomed new ideas regarding how space was organized. This helped us develop a very original concept that leverages all the positive features of the catamaran».

When sailing, or in heavy weather, all the bays windows can be closed to provide safety and comfort, but there



A large blue crane is lifting a white sailboat hull in a shipyard. The hull is supported by several black stands on the ground. The crane's arm extends from the left side of the frame, with a hook and cables attached to the boat. The background shows a clear blue sky with some clouds and other parts of the shipyard. The text "04 Our services" is overlaid on the left side of the image.

04

Our services

50 YACHTING

As our navigations are all unique, the Windelo team offers you personalized services to accompany you in your project and during all your boat's life.



FINANCING & INSURANCE

Our privileged partners offer you adapted formulas for the financing and the insurance of your boat.



TRAINING SCHOOL

Because a boat is marine only if it is well conducted, we transmit our knowledge of navigation by offering training with the internal team or one of our partner skippers.



E-MAINTENANCE & NETWORK

An E-maintenance program to know the general condition of your boat and assist you wherever you are. We also offer a worldwide network of experts able to maintain your Windelo during your technical stopovers.



BERTH & DELIVERY

So that the berth is not a hindrance to your beautiful project, we guarantee a place for a period of 1 month on the place of construction of the boat and propose a network of worldwide partners to welcome your new Windelo.



RENTAL

We offer a worldwide network of rental companies offering rental management and associated services (maintenance, berth, concierge etc ...).



REFIT & RESALE

We accompany you for the refit and the resale of your catamaran.

05

Meet us



WINDELO, a «Made In France» shipyard in Occitania region

Located in the port of Canet-en-Roussillon, the Windelo shipyard was initially founded in 2018 with research into eco-composite derived from Basalt and PET & the development of the E-Drive System. Today, the yard incorporates all the top skills needed to design, build, test and commission your boat. With Windelo, welcome aboard the most eco-friendly built catamarans, made in France.

Occitania is the land of the famous Tramontana wind making it one of the best renowned kite-surfing spots in the World. With good breeze and fair weather all year round, the Windelo shipyard is ideally located for getting to grips with your catamaran. From our dock, in just a few hours your first tacks will take you along the Spanish coast to Barcelona for example, or on passages to the Balearic Islands, the French Riviera or Corsica. A gateway to the whole Mediterranean, our location also means export formalities can be done in just a few days.

Our base harbour is a true center of nautical expertise and services, and may just become your preferred port of call along the life cycle of your Windelo. Our Services team also runs a Worldwide Service Network and will be delighted to assist you all along your adventures, both at home and away.



Contact us and meet us

A project? Meet our team on-site or in virtual!

Do you have a catamaran purchase project or would you like to learn more about our brand and our catamarans? Want to clarify some specific point?

You can make an individual appointment with our team on-site or in virtual (video conference or telephone).



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New Windelo 54 Yachting



www.windelo-catamaran.com

For more information, please contact our sales team

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