



## PRESS RELEASE

JULY 2022

NEW : **NEEL** 52

### 01. DESCRIPTION



With its racy, modern silhouette, elaborately designed hull and sleek lines, the NEEL 52 exudes power, speed, and elegance.

Combining all the qualities on which the success of its predecessors is founded, this model stays true to the range. It is a fast, safe trimaran that accommodates up to twelve passengers yet is easily handled by a small crew. It boasts remarkable seaworthiness, performance (both sailing and motoring), and comfort.

Thanks to its 3 hulls, it is also the only multihull model of this size on the market that can offer up to **6 double cabins** and **2 crew stations at the rear as an option.**

NEEL-TRIMARANS

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## 02. THE CONSTRUCTION

The NEEL 52's construction mirrors that of the other models in the range, using the techniques and materials: Vacuum-infused composite sandwich with triaxial fibre reinforcements.

It is worth noting that NEEL-TRIMARANS uses PVC and PET foams in the sandwich core - unlike other multihull manufacturers who use Balsa, which, though certainly cheaper, alters the quality of the sandwich core as it is more sensitive to water infiltration.

Resins and gelcoats have also been improved with a view to limiting styrene emissions.

## 03. HULLS



NEEL-TRIMARANS once again entrusts the design of the NEEL 52 to **Lombard**, following on from NEEL 47 and the NEEL 43.

Basing their design on the NEEL 47 and NEEL 43's sailing experiences, the Lombard firm has consolidated the positive attributes, **the hull's voluminous floats and**

**high freeboard.**

The hulls of NEEL trimarans combine a central 'rockered' hull, which facilitates tacking and manoeuvring when in port, with streamlined floats that provide stability and prevent pitching.

The design of the hulls for the NEEL 52 also had to consider the load on long distance voyages. The load capacity of the NEEL 52 is 19.5 tons.

## 04. SAILING PROGRAMME



The NEEL 52 is a beautifully-sized, fast, and voluminous trimaran. It therefore offers a vast range of sailing possibilities. Everything's possible, from peaceful cruising to long-distance travel and rally racing.

The various configurations of the NEEL 52 (4, 5, 6 double cabins), with 0,1,2 crew positions are suited to individual owners or charter companies.

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## 05. FINESSE OF THE HELM

NEEL trimarans are renowned for their unrivalled steering. This stems from the unique rudder design, manoeuvred by textile steering lines on ball bearing blocks. The rudder stock is mounted on self-aligning bearings.

## 06. RIGGING



The sail plan comprises a mainsail (with 3 reefs) and a staysail on a rolling furler (on a structural wire inside the sail).

The asymmetrical spinnaker makes it easier to comfortably sail downwind.

There are 2 rigging options to choose from:

**Conventional rigging:** the mast and boom are made of aluminium while the standing rigging is made of stainless-steel wires.

**High-performance rigging:** the mast is made of carbon with an aluminium boom and the standing rigging is made of textiles (except for the forestay which remains a wire) (70cm difference in height between the two mast versions).

All manoeuvres lead back to the helmsman who enjoys an unobstructed 360° view at the helm.

## 07. LIFE ON BOARD

### EXTERIOR



The NEEL 52 features the renowned Cockloot® , an impressive interior/exterior living space made possible by the wide opening between the cockpit and the saloon. It also incorporates the Full Beam Cockpit® , an extra-wide cockpit with multiple seating configurations that can be rearranged to take full advantage of the different vistas

The helm station is particularly ergonomic and has a triple seat.

Its access, from the cockpit via side steps or from the deck, ensures seamless communication between the skipper and the crew.

The roof is reached by side steps leading up from the cockpit and on the helm side, rendering the mast, boom, sun-deck, and sun-lounging area easily accessible.

Around this area, a secure handrail has been incorporated for safe movement aboard.

The wide, well-protected stern skirts make it easier to access the sea and manoeuvre the dinghy.

In addition, the system for lifting and handling the dinghy has been greatly simplified.

## INTERIOR



There are various different versions of the NEEL 52 available, with 4,5,6 cabins, an owner cabin on one level or a huge saloon, 1 or 2 crew positions, so that you can set up your boat according to your preferences and requirements.

The living space on one level is highly ergonomic and entirely open plan, offering exceptional luminosity. The kitchen and the chart table face forwards. The panoramic view from this huge saloon is breathtaking.

Both elegant and simple, the decoration (**high-end upholstery, top-quality carpentry, solid wood**, bolon and corian) lends the NEEL 52 a look of **timeless distinction and gives the ample living space a calming atmosphere.**

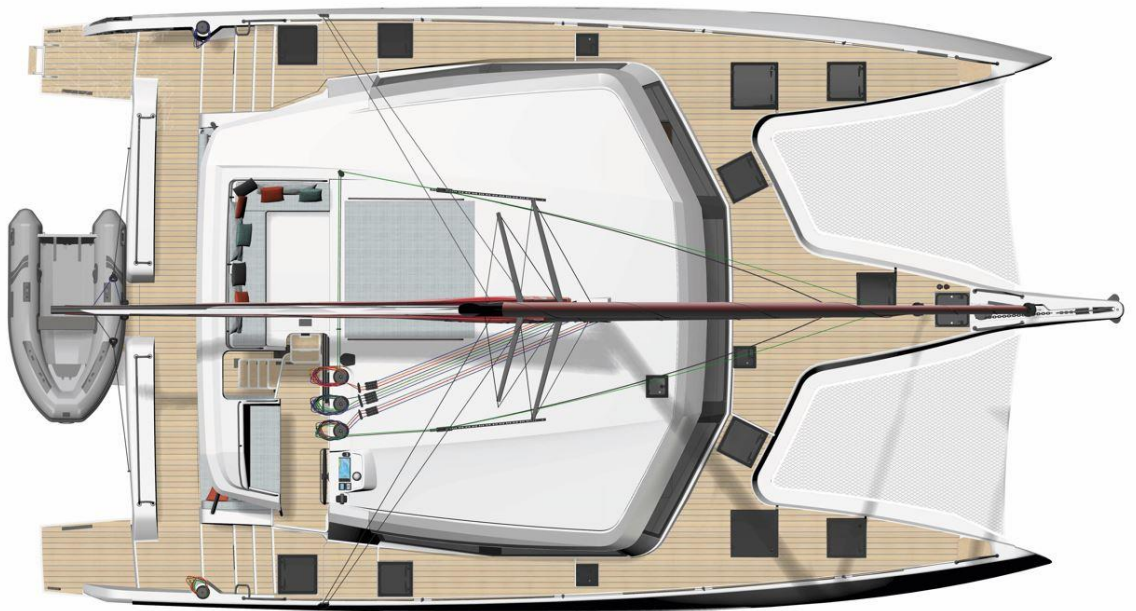
Flow of movement on board is smooth, and the cabins are accessed via private stairs.

The boat's pleasant handling, which is unique to the trimaran, has no striking paddles (like catamarans) or rolling effects (as seen in monohull boats). This is made possible thanks to **centred weights in the central float.** The easily accessible engine room is located in the boat's central float.



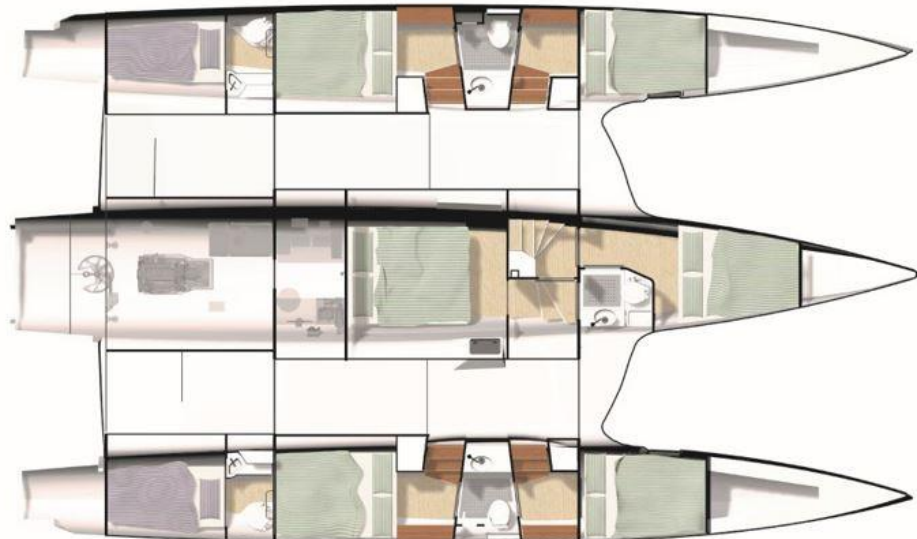
## 06. PLAN VIEWS

### Deck plan



## VERSION - cabins in the floats

6 cabins + 2 crew cabins



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## VERSION - cabins in the floats

4 cabins + 2 crew cabins

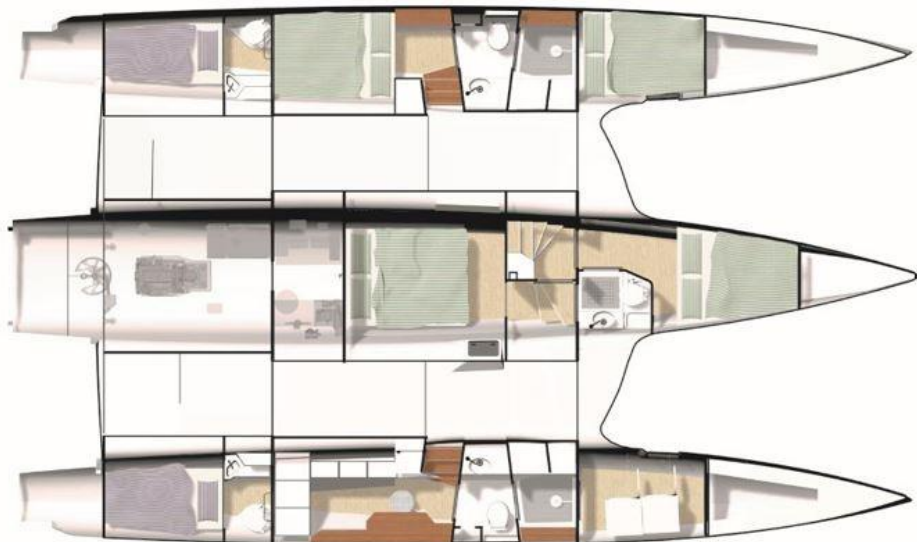


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**VERSION -1 cabin on the main deck**  
4 cabins + 2 crew cabins



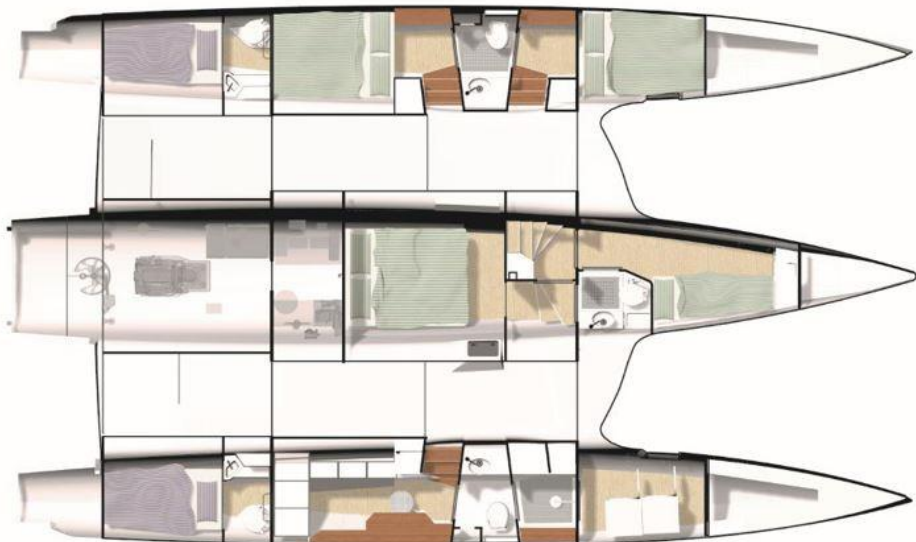
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## VERSION -1 cabin on the main deck

5 cabins + 2 crew cabins



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## 07. SPECIFICATIONS

<b>Dimensions</b>	
Overall length	52 ft
Overall width	26 ft
Draught	3.3 ft
Air Draft	79 ft (aluminium mast)
Displacement	12.6 T– 19.5 T (max load)
Full battens mainsail square topped	1 022 sq ft (aluminium mast) 1 098 sq ft (carbon mast)
Staysail	345 sq ft
Furling genoa	764 sq ft
Water	159 US Gallons
Fuel	185 US Gallons
Engine	110 HP
Ship designers	Marc Lombard Yacht Design Group
Conception	NEEL-TRIMARANS
Certification CE	ICNN

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## 08. PRICE

899 000 € HT (july 2022)



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