

RAPIDO 40

All carbon, folding...



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For video footage of the Rapido 40 sailing in the waters of Vietnam, [click here](#).

For more videos, including reviews of the Rapido 40,

visit our [Rapido 40 video page](#) on our website.



Sailing La Vagabonde review the Rapido 40 in these two videos from February / March 2023. To view, click the links above.



The Rapido 40 is catching the attention and capturing the imagination.

RAPIDO 40

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The Rapido 60's DNA

The Rapido 40 comes with the Rapido 60's DNA.

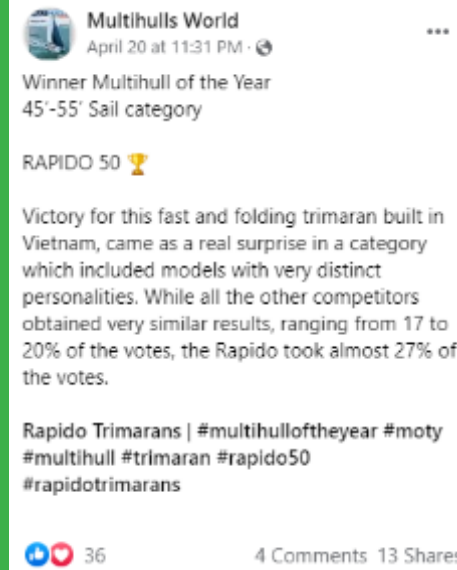
The Rapido 60 is an exceptional and proven trimaran for:

- Podium performances
- Fast passage-making
- Classic cruising
- Couples
- Sailors

Breakout Box #01

Rapido 50 voted
Multihull of the Year!
45'-55'

La Grande Motte, France
20 April 2022



Breakout Box #02

Sailing La Vagabonde
select
Rapido 60

June, 2021



Sailing La Vagabonde stars, Riley and Elayna, announced to their 1.7 million YouTube subscribers that they have ordered a Rapido 60.

To view the video, [click here](#).



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Sailing on the surface can be relaxed and peaceful – when you know that underneath, there is world-class design and engineering.

Morrelli & Melvin are leaders in their field using the latest technology (eg Computational Fluid Dynamics, Finite Element Analysis and Velocity Prediction Program. [Click here](#)).

Previous M&M projects include the trimaran, BMW Oracle (pictured right) which won the America's Cup in 2010.



The Designers: Morrelli & Melvin



BMW Oracle*

- LOA: 113ft (34m)
- LWL: 90ft (27m)
- Beam: 89.9ft (27.4m)
- Mast height: 180ft (55m)

* Morrelli & Melvin played key role on design team.



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R40 sets new standard

- Lighter
- Faster
- Easier and safer to handle with self-tacking jib, roller furler head sails and spreaderless mast
- CE A Certification for safer ocean crossings
- Better weight distribution with heavy items (eg engine) in the middle of the boat
- Functional interior finished to Rapido 60 luxury standards
- High tech, infused carbon foam sandwich construction with beams, daggerboards, ruddercase and blade made from prepreg carbon and cured in autoclave
- Carbon countertops, carbon drawers, whisper wall ceilings, cork flooring
- Folding floats (reduced fees for marina, hard stand and shipping)
- We believe it sets itself apart from other offerings in the market in terms of both performance and value



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The Folding 40



The Rapido 40 uses the same folding system as the Rapido 50.

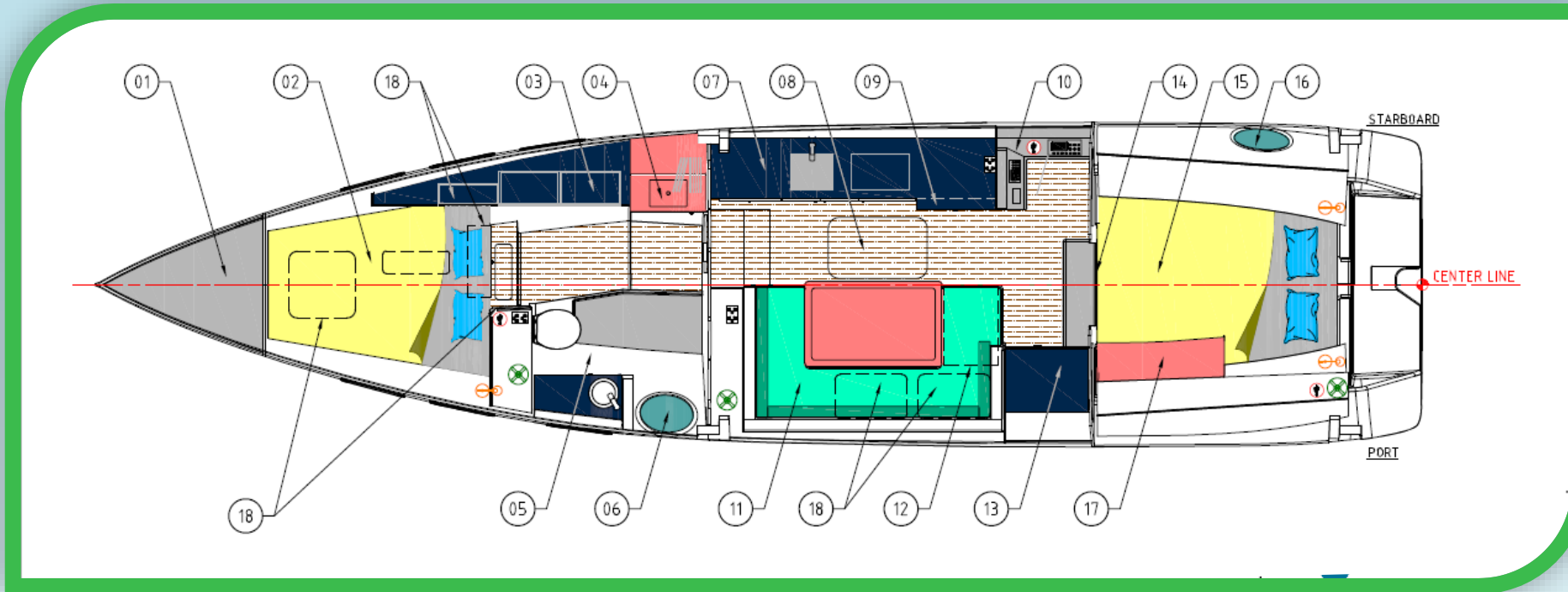
Benefits of folding floats:

- Access to most marinas
- Access to single marina berths
- Reduced marina and hard stand costs
- Reduced shipping costs

RAPIDO 40

All carbon, folding...

General Arrangement Top View



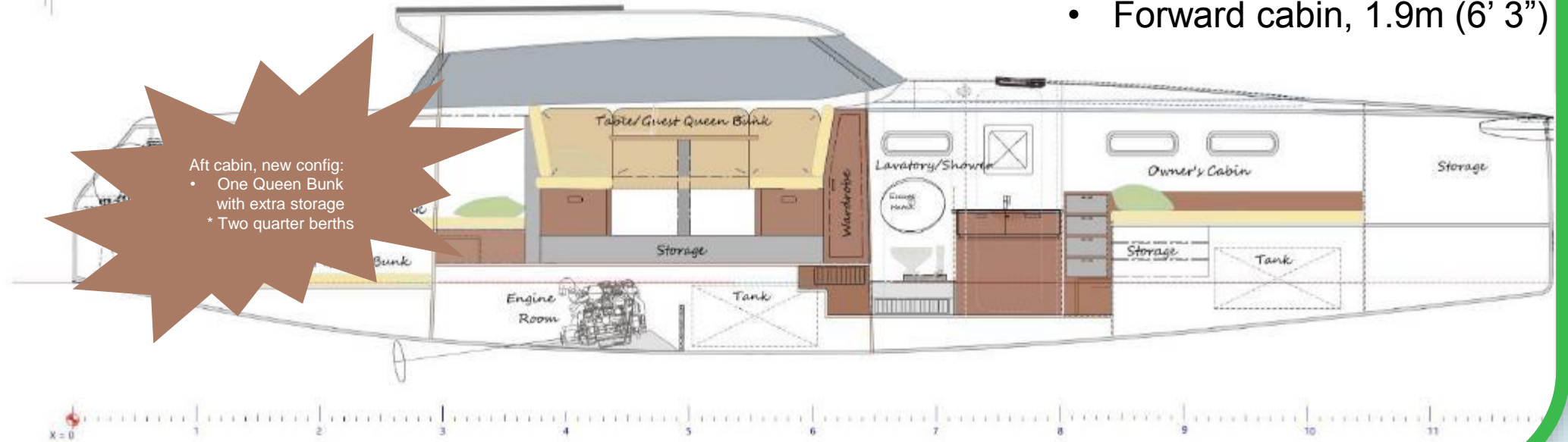
1. Anchor locker
2. Owner's cabin / fwd berth
3. Cabinet
4. Wardrobe
5. Head
6. Fwd escape hatch
7. Engine hatch
8. Galley
9. Fridge

10. Navigation station
11. Saloon table / double bunk
12. Freezer
13. Cabinet / Chart table
14. Companionway
15. Aft berth (second option: two quarter berths)
16. Aft escape hatch
17. Cockpit locker
18. Storage

General Arrangement Side View, Looking to Port

SIDE VIEW

LOOKING TO PORT



Headroom

- Saloon, 2.0m (6' 7")
- Forward cabin, 1.9m (6' 3")

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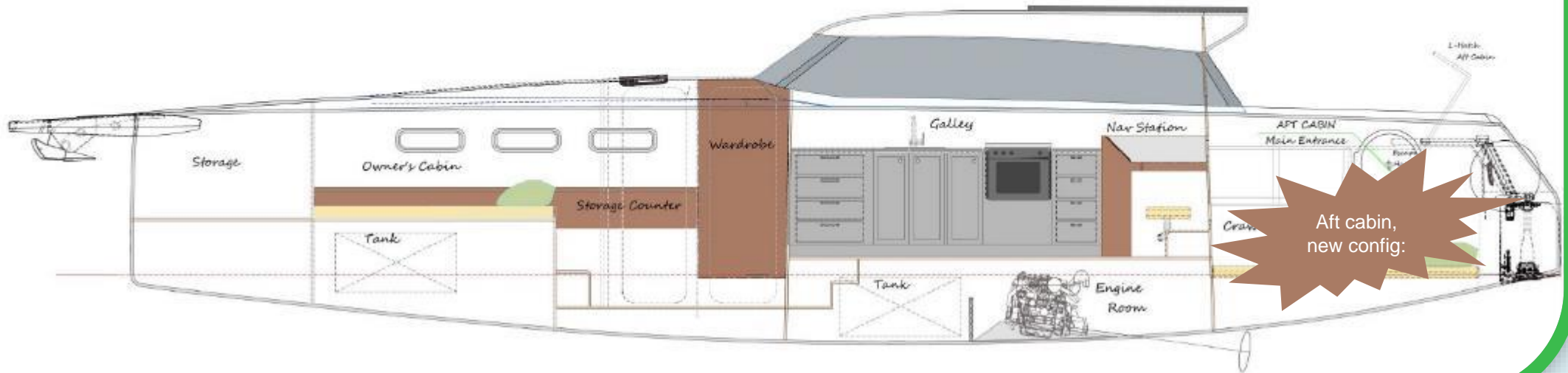
General Arrangement Side View, Looking to Starboard

SIDE VIEW

LOOKING TO STARBOARD

Headroom

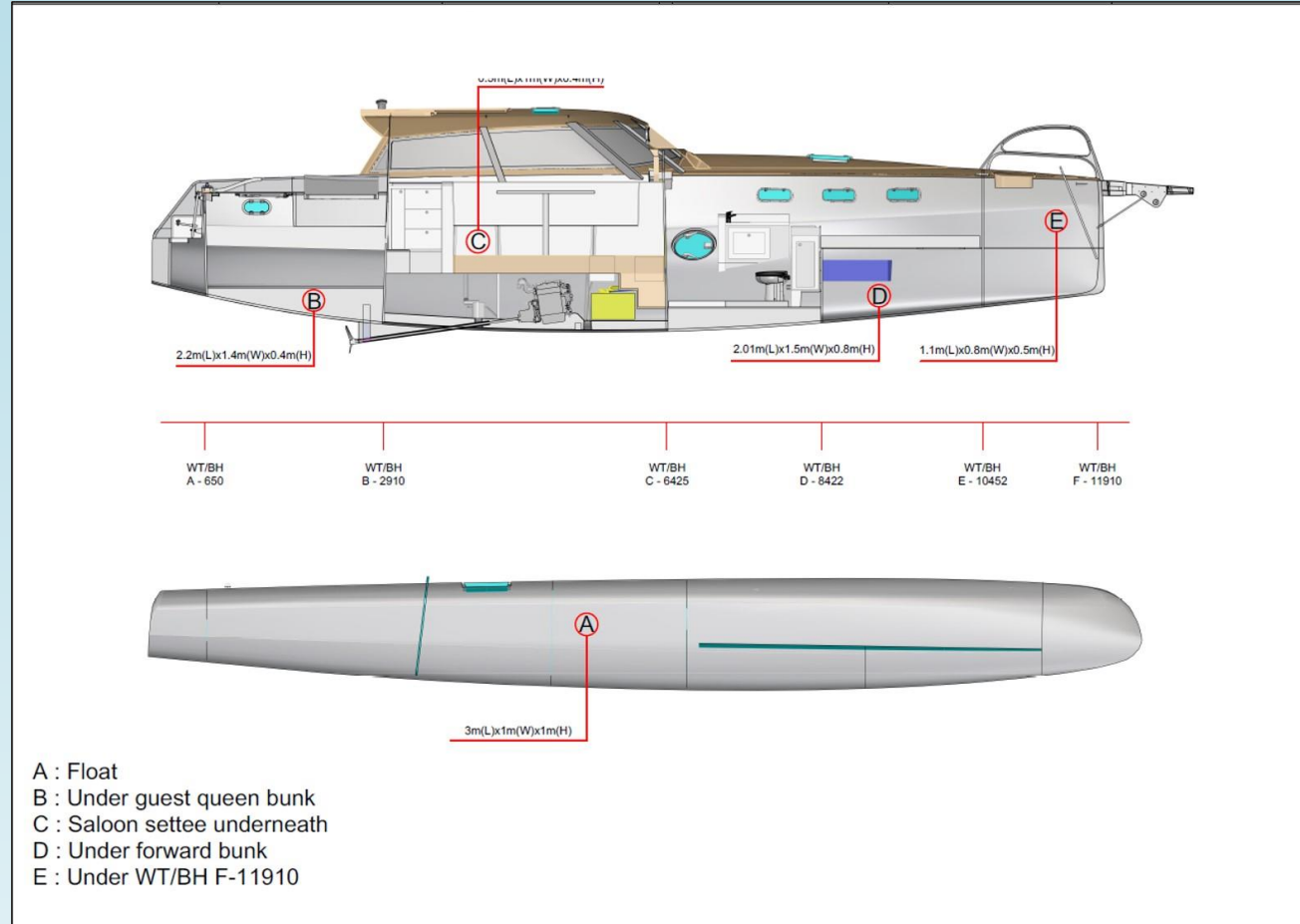
- Saloon, 2.0m (6' 7")
- Forward cabin, 1.9m (6' 3")



RAPIDO 40

All carbon, folding...

General Arrangement Side View, Looking to Starboard



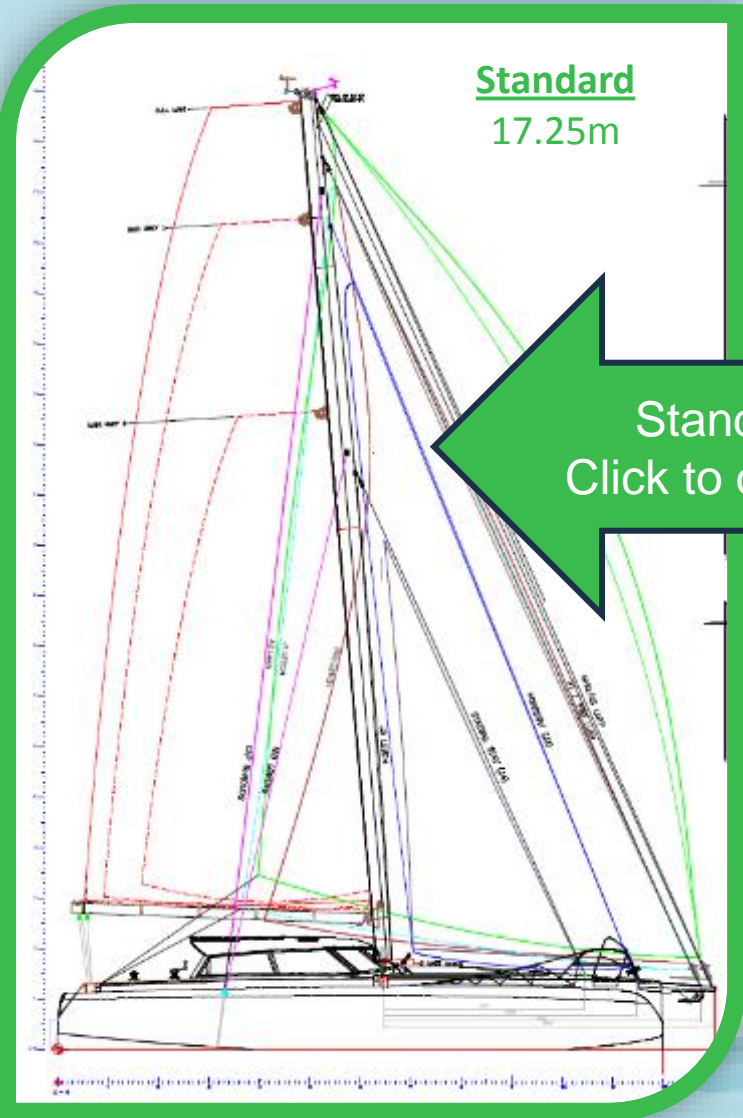
Main storage areas for Rapido 40.

[Click here](#) to download drawing in high resolution.

RAPIDO 40

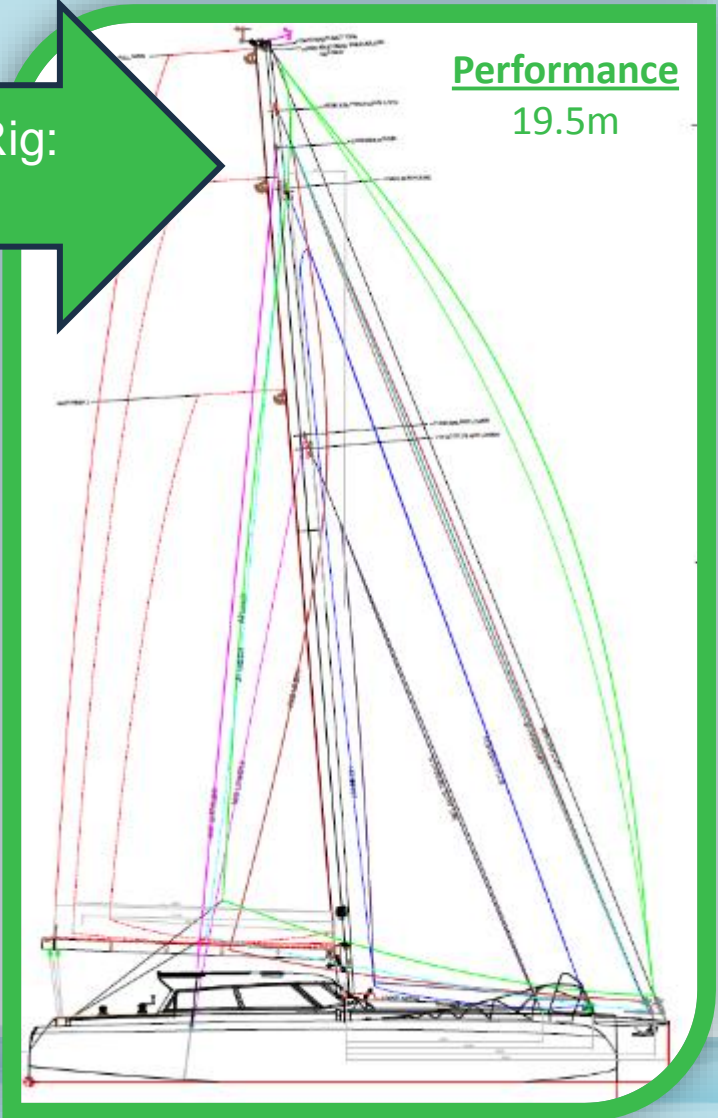
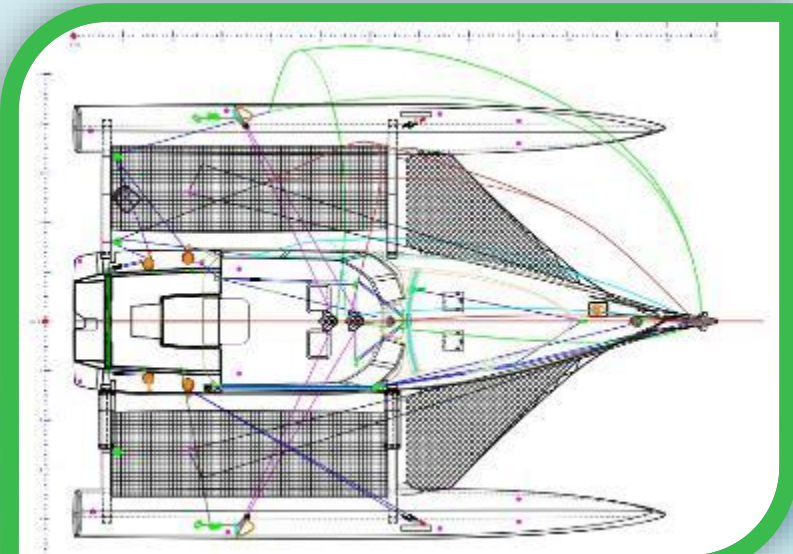
All carbon, folding...

Rig Options: Performance or Standard



Standard
17.25m

Standard Rig: 17.2m
Click to download sail plan.



Performance
19.5m

Performance Rig:
19.5m

RAPIDO

All carbon, folding...

40

“C” foils “T” foil and rudder



Photo: L. Fruchaud

The twin “C” foils give the Rapido 40 a massive performance boost both upwind and downwind.

Having C foils removes the need for a centre daggerboard.

Accordingly, interior space is greatly increased and has the added benefit of 360 degree visibility.



The “T” foil rudder in the “down” position has a depth of 1.40m (4' 7") and when raised, is 0.56m (1' 10").

Note: General Specifications are subject to change and should be confirmed with Rapido Trimarans Limited.

General Specifications

- LOA: 12.03m (39' 6")
- LWL: 12.00m (39' 4")
- BOA: 8.80m (28' 10")
- BOA (folded, non canting): 5.8m (19' 3")
- BOA (float to float CL): 7.45m (24' 5")
- Freeboard: 1.50m (4' 11")
- "T" foil rudder up: 0.56m (1' 10")
- "T" foil rudder down: 1.40m (4' 7")

Sails

- SA Main: 65m² (700sqf)
- SA Solent: 32m² (344sqf)
- SA Staysail: 13m² (140sqf)
- SA Reacher: 113m² (1,216sqf)
- SA Asym Spin: 158m² (1,700sqf)

Standard Rig

- Mast Length: 17.25m (56' 7")
- Mast Height above DWL: 19.58m (64' 3")

Performance Rig

- Mast length 19.5m (64')
- Mast height above DWL: 21.8m (71' 6")



To watch the videos below, click on the red "Play" buttons.

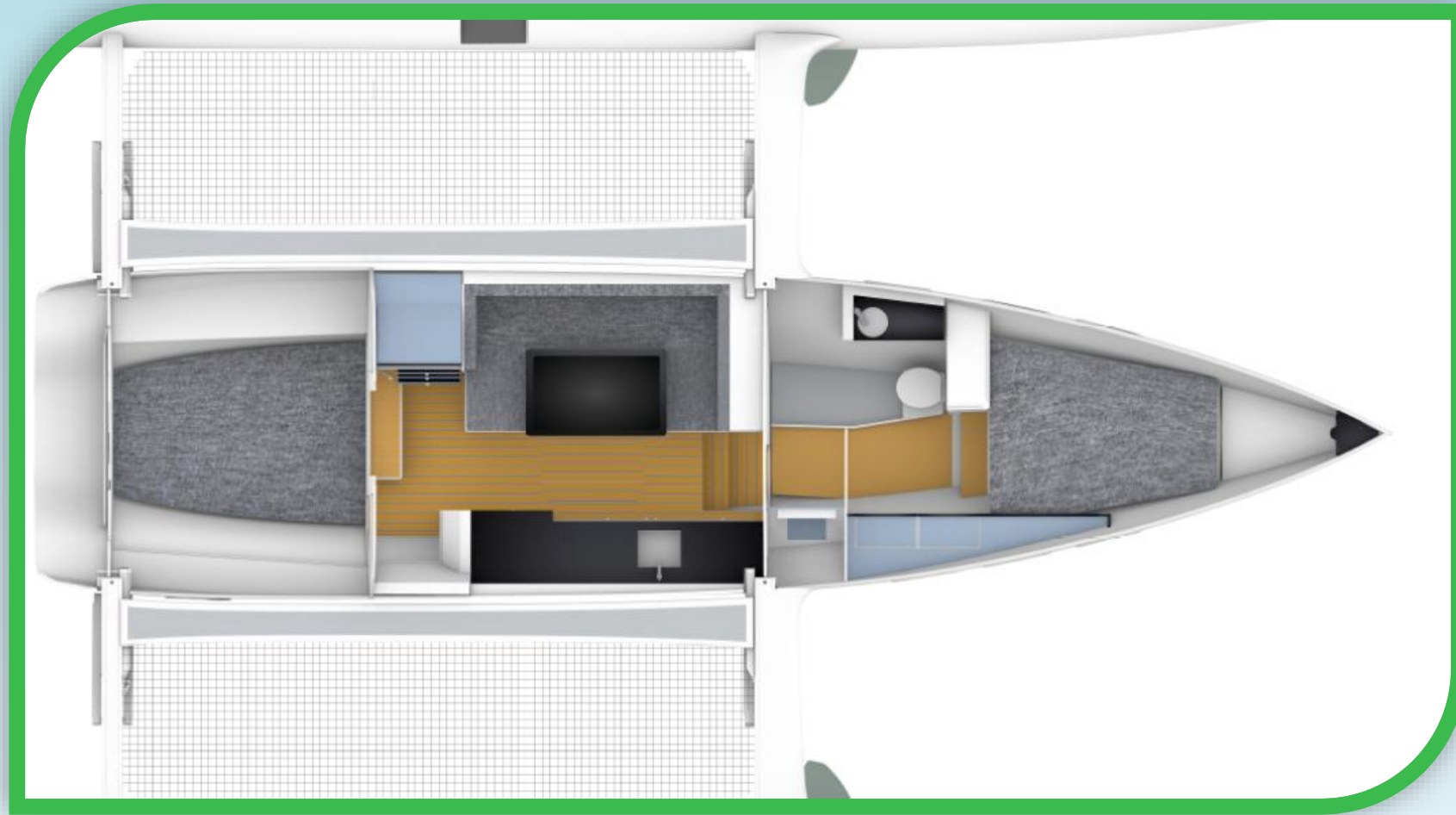


RT40 #02 is commissioned in Vung Tau, Vietnam.



RT40 #02 sails from Vietnam to Singapore (raw footage).

To watch the videos, click on the respective red "play" button.



Being high performance boats, Rapido Trimarans' interiors are high-tech and lightweight.

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The Interior: Saloon #01



Being high performance boats, Rapido Trimarans' interiors are high-tech and lightweight.

RAPIDO 40

All carbon, folding...

The Interior: Saloon #02



Being high performance boats, Rapido Trimarans' interiors are high-tech and lightweight.

RAPIDO 40

All carbon, folding...

The Interior: Saloon #03



Being high performance boats, Rapido Trimarans' interiors are high-tech and lightweight.

RAPIDO 40

All carbon, folding...

The Interior: Fwd Cabin



Being high performance boats, Rapido Trimarans' interiors are high-tech and lightweight.

RAPIDO 40

All carbon, folding...

The Interior: Head



Being high performance boats, Rapido Trimarans' interiors are high-tech and lightweight.

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Options: Aft Cabin
NEW Double Berth or...



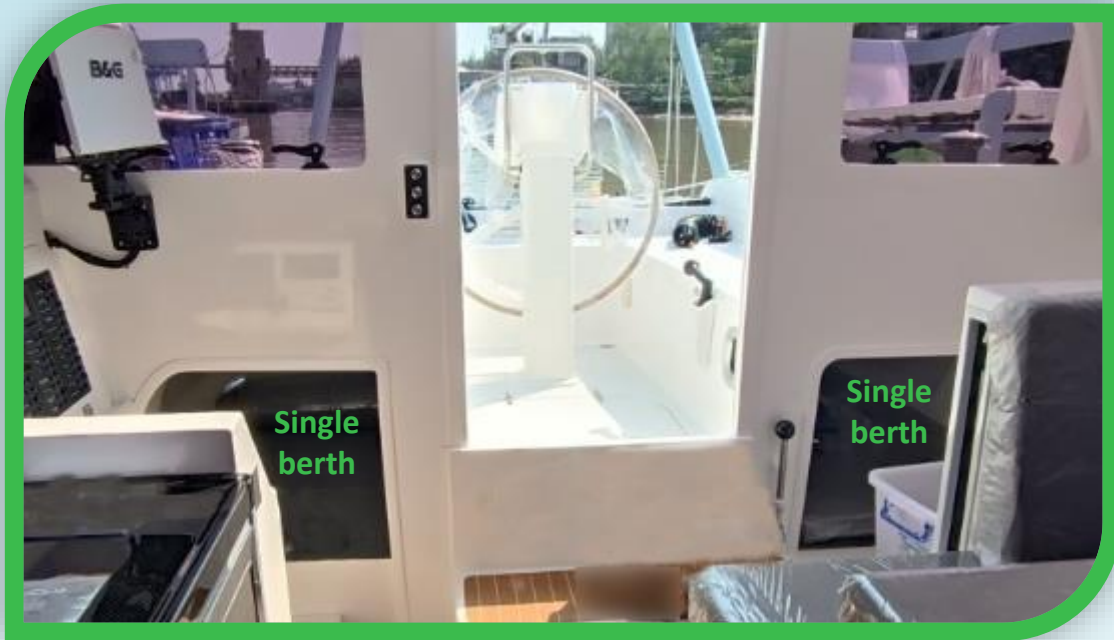
New chart table with carbon fiber drawers



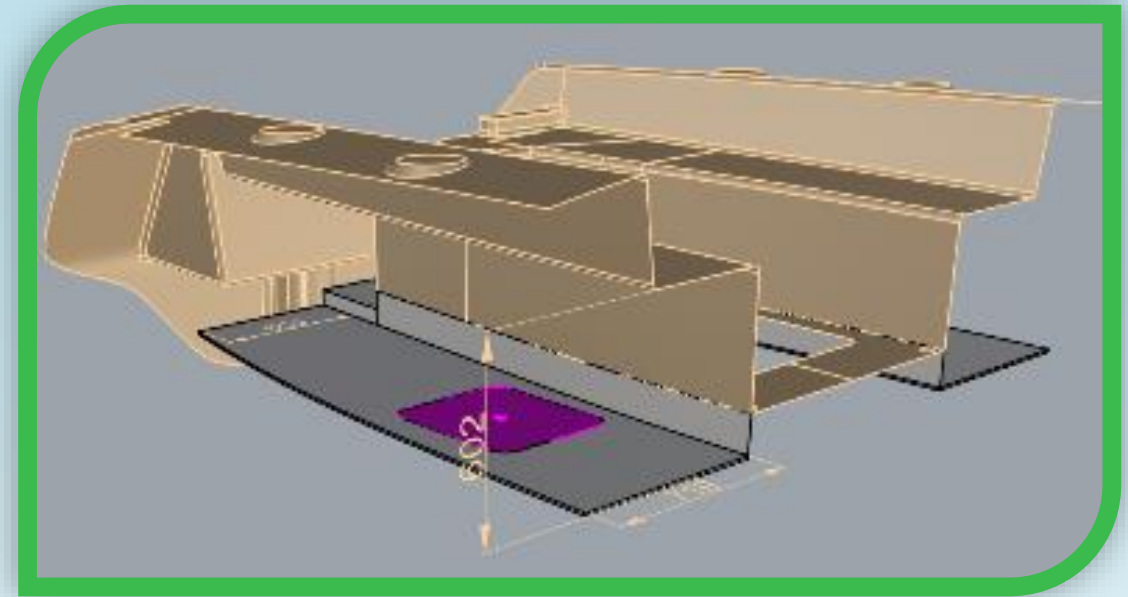
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Options: Aft Cabin Two single berths



Beneath each cockpit bench seat is a single berth, accessed from the saloon.



Each single berth is 60cm high and 71cm wide.

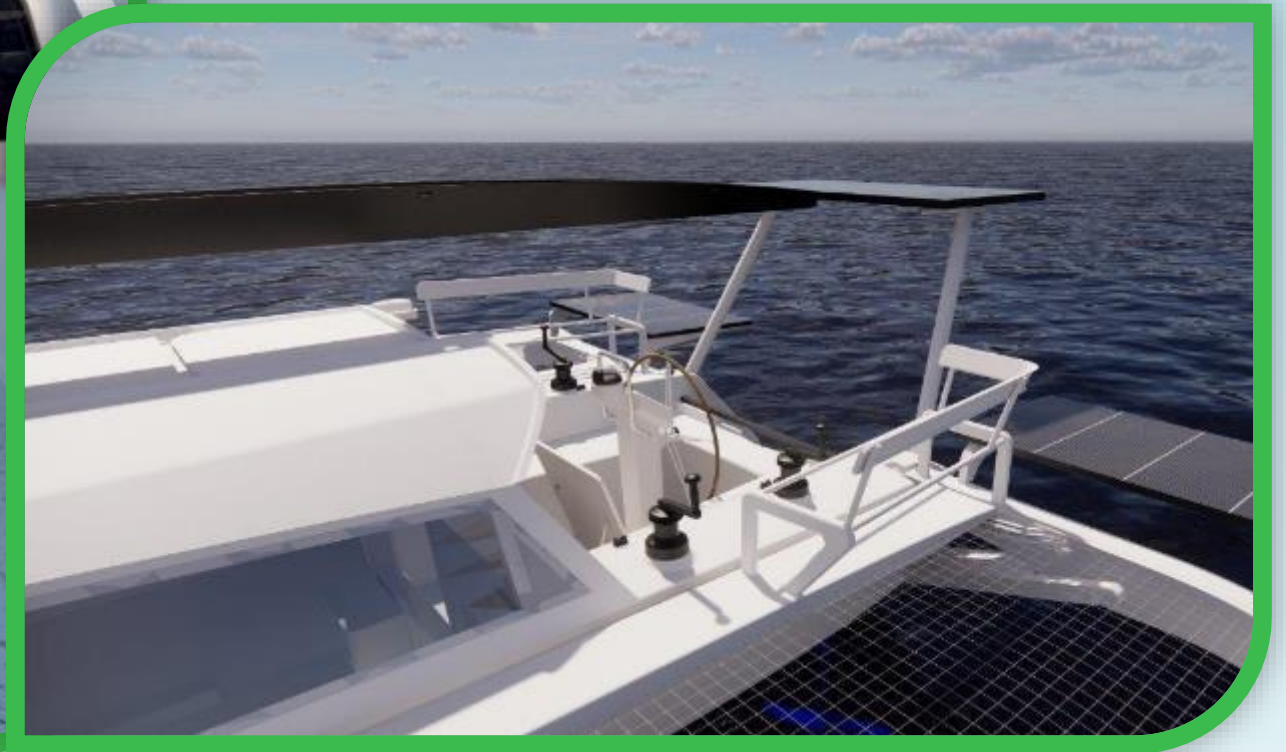
* This option must be selected if wanting the helm wheel instead of the tiller)

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Option: Pedestal and Helm Wheel

* Note, to allow for this option, the aft cabin must be configured for two single berths (ie, it is not possible to have a double aft cabin if helm wheel is selected).



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Option: Electric



As seen on Rapido 40, Hull #07!



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Carbon fiber drawers.

Rapido's Builder: Triac Composites

"The visit to Triac Composites' factory in Vietnam proved to be amazing, with the size and scope of the boat blowing us away."

"With their own autoclave, bake oven, CNC machine, lamination shop, freezers full of pre-preg and a well-planned and managed operation, we were impressed."

Dougall and Jaz Love
Owners
Rapido 60, Romanza



- Triac Composites is located in modern, spacious facilities in Nha Be District, Ho Chi Minh City, Vietnam.
- We are located on the banks of the Nha Be River which gives us the flexibility to launch boats directly into river (or on barge) if required.

Rapido & Triac Composites

- Parent company (est. 2014)
- Foreign-owned
- Markets and sells Rapido Trimarans
Hong Kong-based

- Wholly owned by Rapido
- Western senior management and
production staff
- Shipyard in HCMC
- Builder of other composite boats,
products and parts
- Adds diversification to the Rapido
line.



RAPIDO



TRIIAC
composites

Exclusive builder:
Rapido Trimarans

Custom built
boats / products
/ parts



- Triac Composites invests in people and technology that enable us to do our own tooling (eg plugs and molds) for production or one-off builds.
- Equipment includes: autoclave (pressurized oven), 7-axis milling robot, CNC Machine and clean room.



Capability (cont.)



- The Kuka robot mills a plug for the coach roof of a Rapido 50.
- Infusing the all-carbon centre hull for a Rapido 50.

Rapido Trimarans built by Triac



Rapido 60 (18.3m)

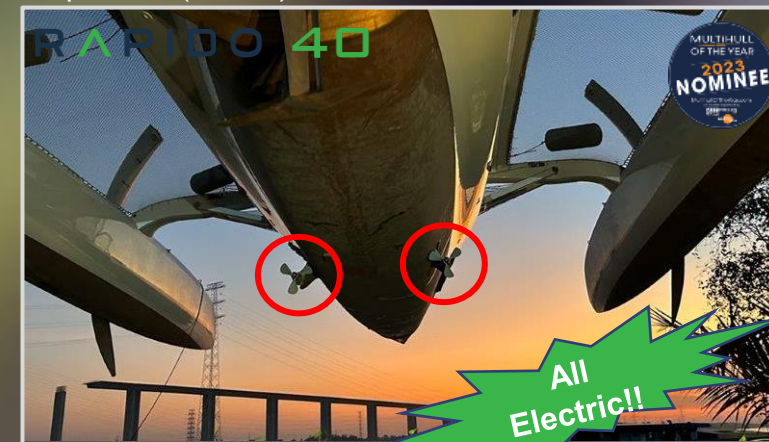
Rapido 50 (15.2m)



Rapido 53XS (16.1m)



Rapido 40 (12.2m)



Triac Composites is the exclusive builder of the Rapido Trimarans' fleet.
NEW! All electric motor now available.

Rapido's trimarans are engineered and designed by world-acclaimed naval architects (eg America's Cup fame) in the USA, Morrelli & Melvin.

High Tech parts by Triac



- All carbon fibre and composite parts for all Rapido Trimarans (ie, R40, R50, R50XS and R60) are built by Triac
- Highly specialized, high load, carbon fibre parts - made from prepreg and cured in the autoclave - include:
 - Mast
 - Boom
 - Daggerfoils
 - Rudderblade
 - Beams
 - Bowsprit; and
 - Bulkheads.
- All tooling is done by Triac

Outsourcing by Triac



Triac has built plugs and moulds for international boat builders in the US and Asia.

Other composite products



Composite interiors for trains:
wash rooms, walls, bunks, tables
etc



Carbon ventilation tubes for
mines and tunnels.



Superstructures for 3 x 24m
Danish ferries.



Carbon teak table for
Triac's boardroom.

Composite
building
facades (4m x
2m)



High performance foils for maxi yachts.

RAPIDO

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Photo: L. Fruchaud