

YACHT



SD 90/























































Transformability and flexibility





Circular economy and research



The sea





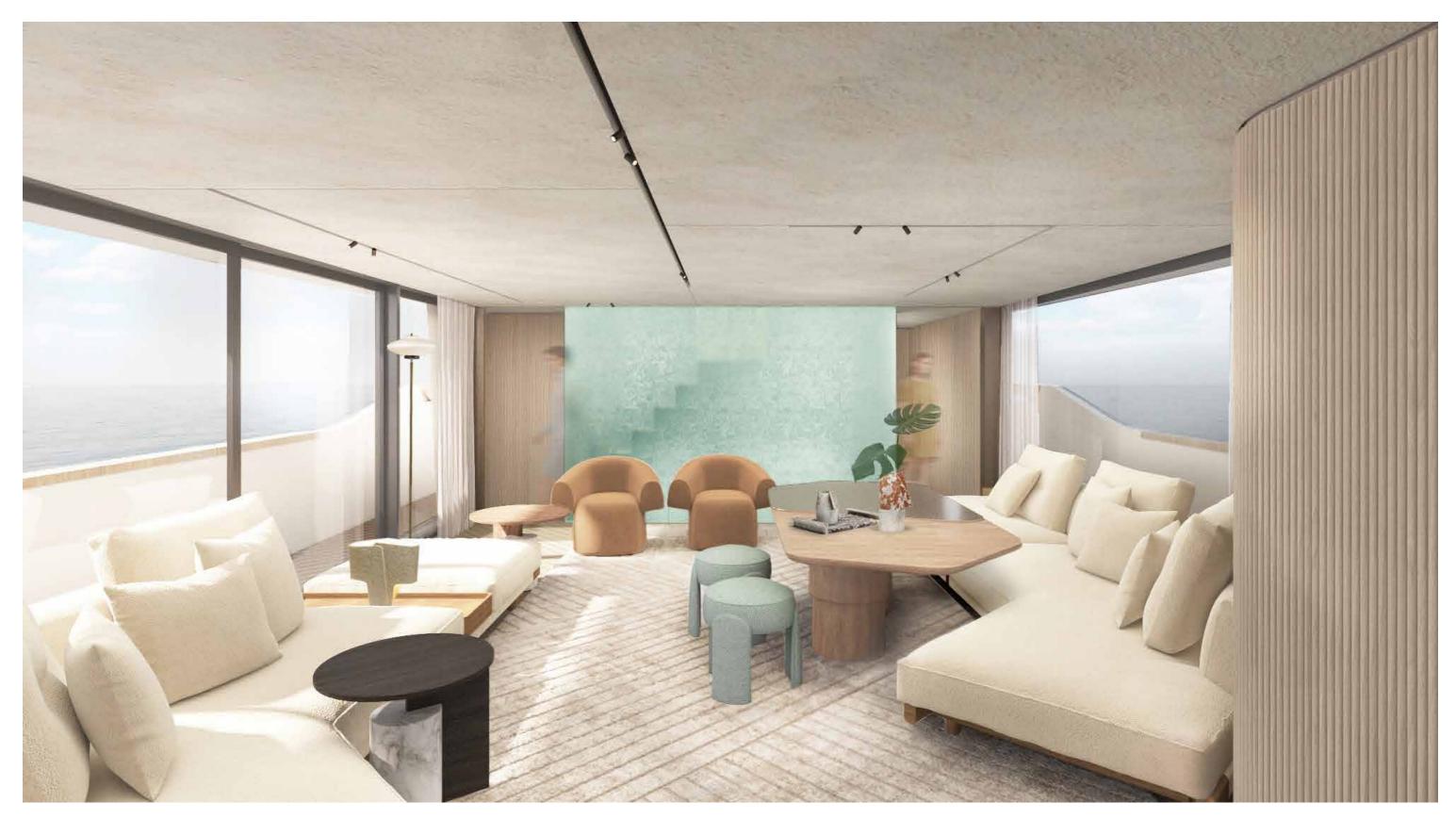
SD90









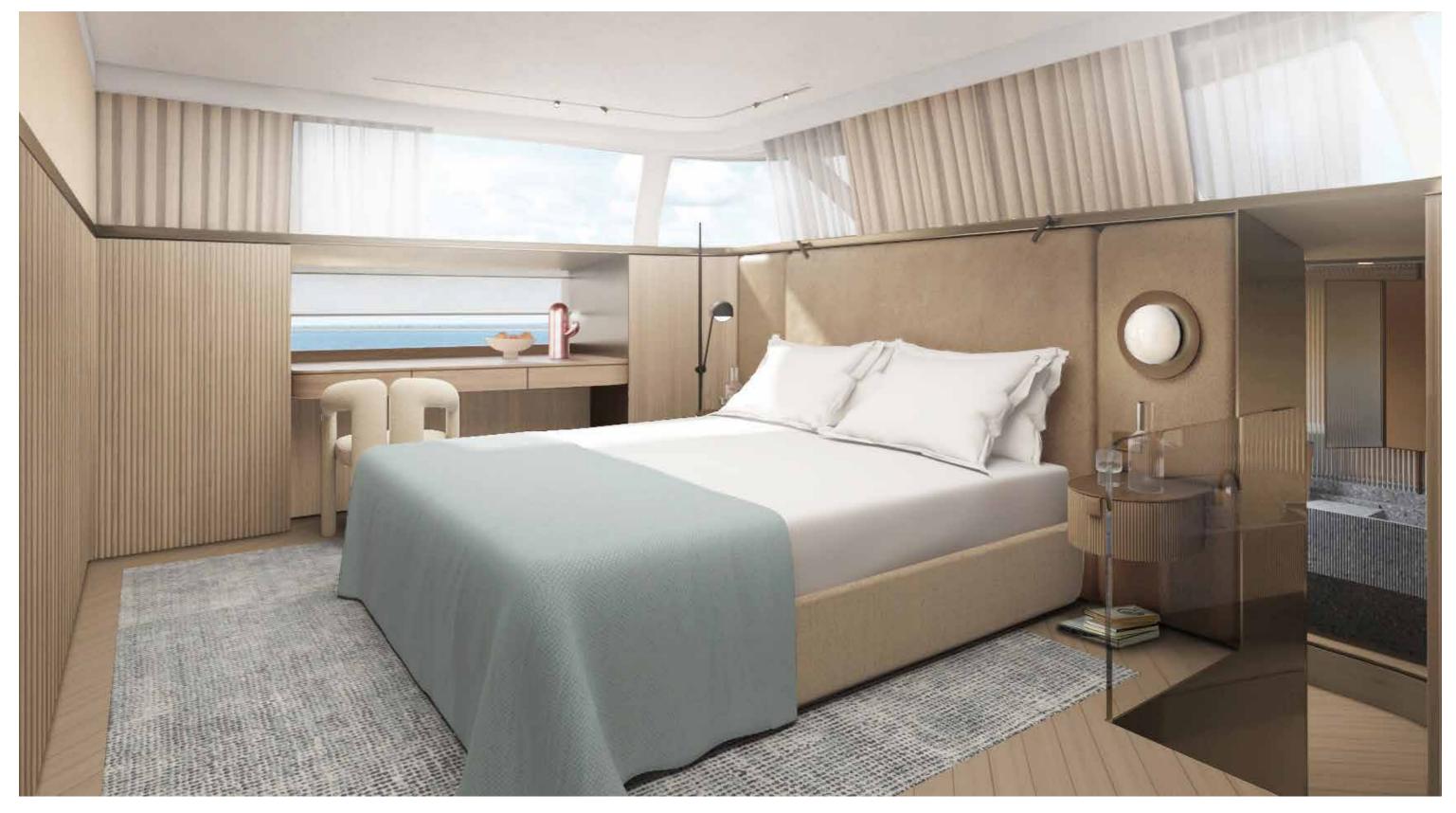




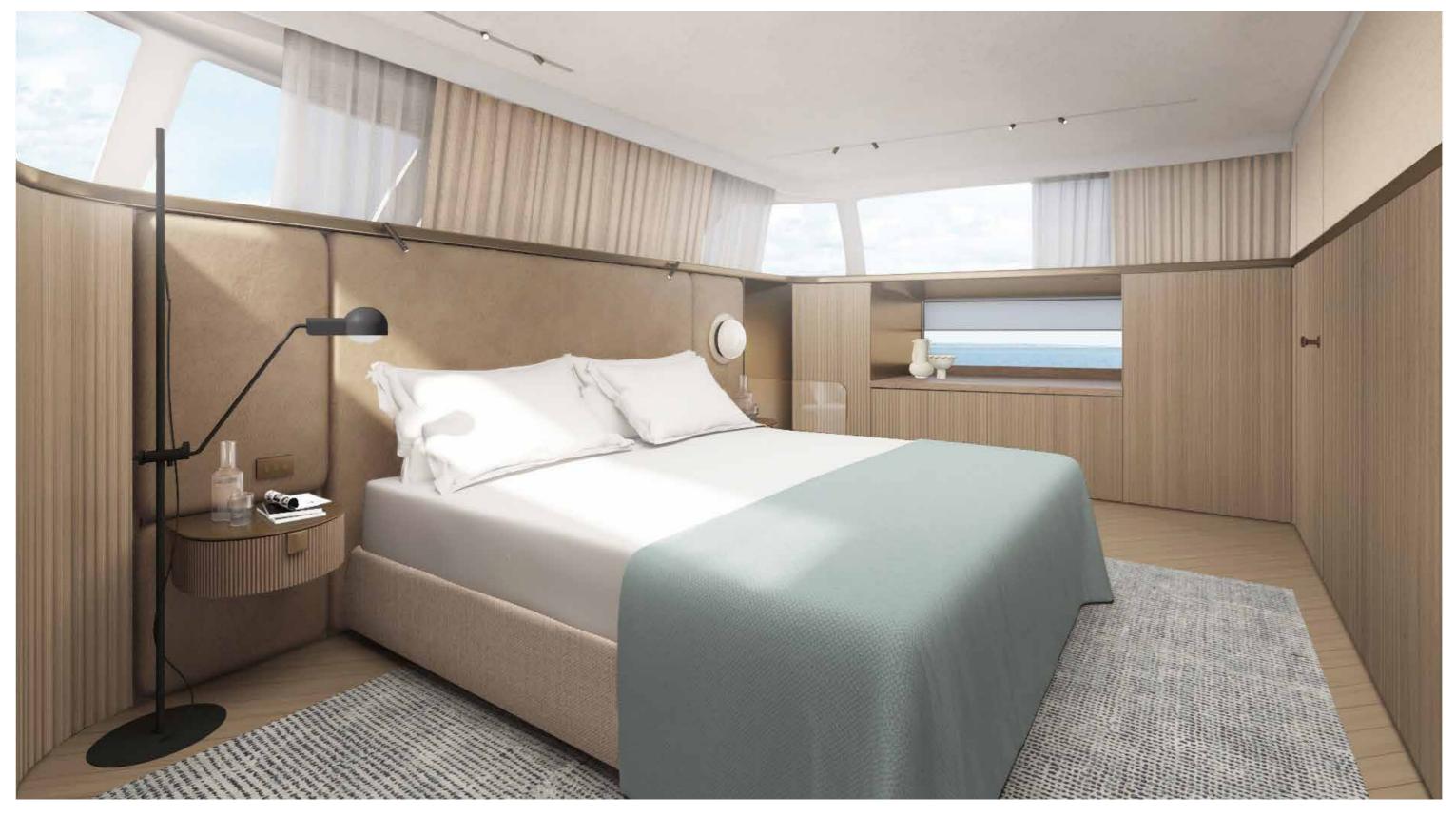




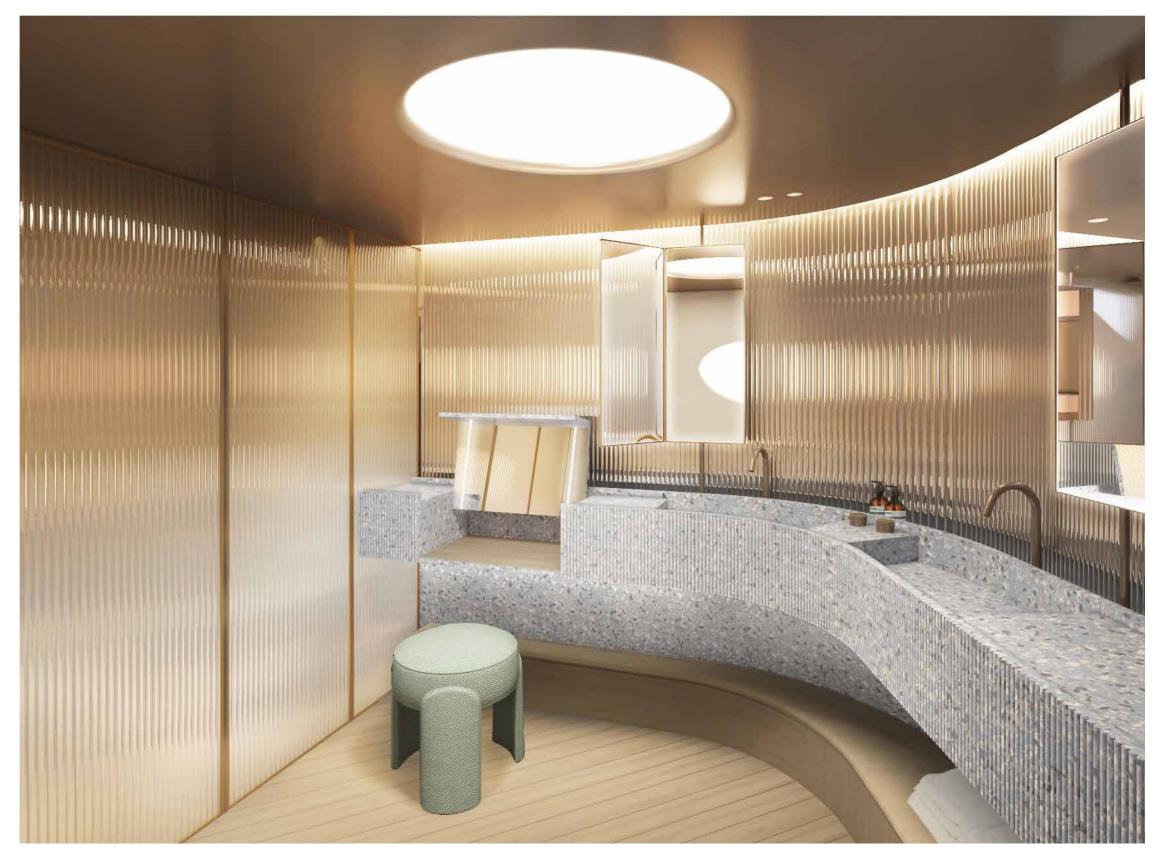
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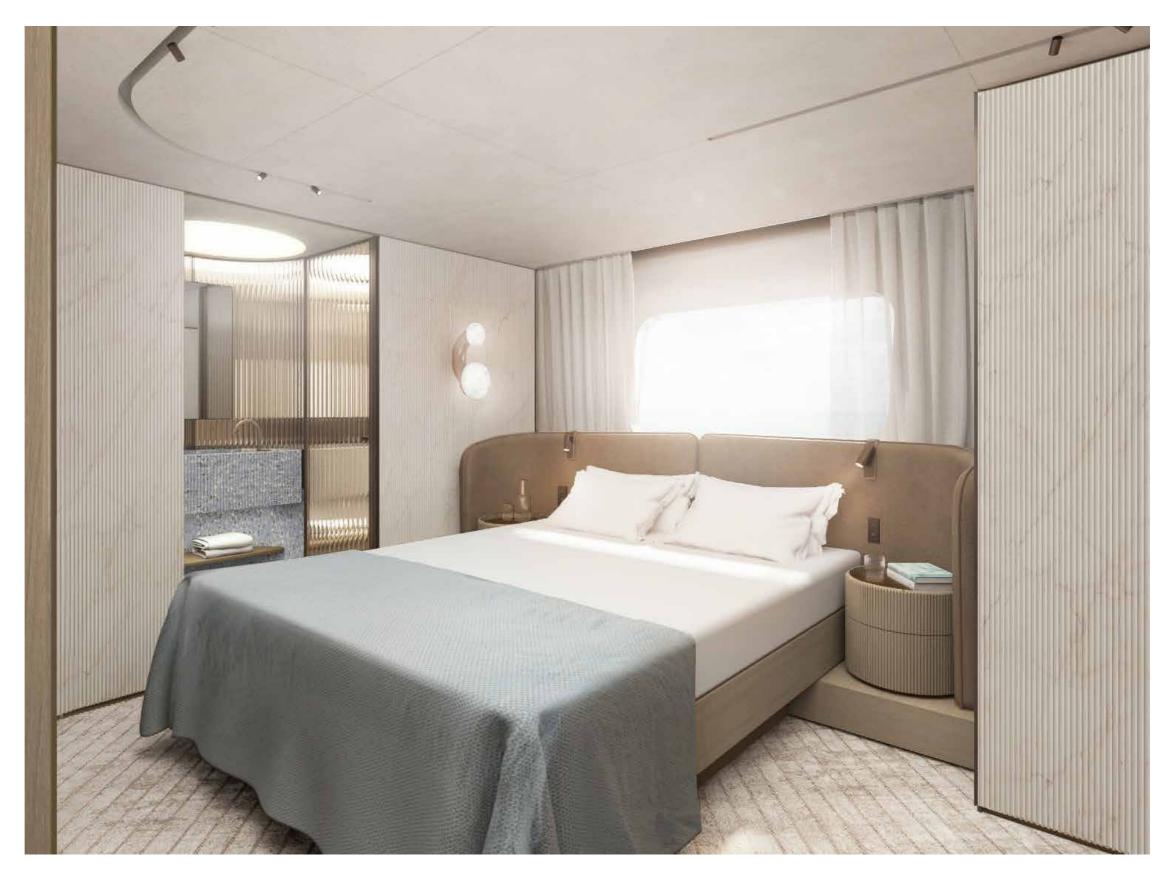






































Sustainable Hybrid

1. Hybrid propulsion *

A hybrid propulsion project is being developed in partnership with Siemens, which aims to deliver high performance, maximum efficiency of the electric motors and optimisation of the available power generated by lithium batteries. This system allows the navigation in bays and ports while respecting the surrounding environment.

2. Optimised hull

The hull has been engineered to improve performance with hybrid propulsion, optimising resistance even at lower speeds, between 6 and 10 knots.

3. Lean hybrid

From class A+++ appliances, to the Eco air conditioning system, to the stabilising fins with Eco Mode, every appliance on board is meticulously chosen not only for the highest quality but also for its low consumption. High-performance thermal and acoustic insulation guarantees reduced waste. The selected lighting fixtures are energy efficient, while special stratified glass reduces heating caused by UV rays. A project to install photovoltaic panels on board is currently being studied.

$\frac{\mathrm{SD}}{\mathrm{90/s}}$

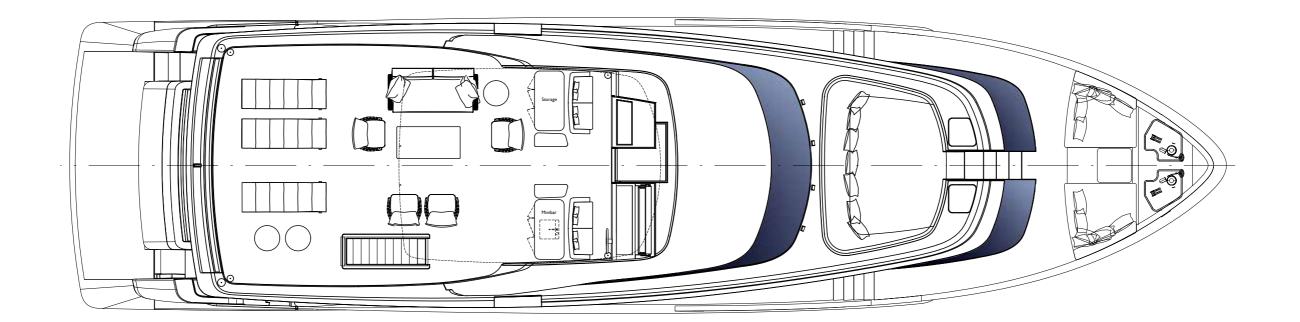
4. <u>Circu</u>larity of materials

The entire structural design approach considers the use of sustainable. state-ofthe-art materials. In the interior decor too. great care is taken to use materials of the highest quality and from alternative sources. Materials made from shells and recycled paper may be used, achieving high levels of quality in the upholstery on board. Woods are carefully selected to ensure a lower environmental impact. Bioresins are used for the interior details of the ceilings and furnishings. To protect teak, now at risk of deforestation, we support research into more sustainable and long-lasting alternative materials for use on exterior decks.

Recycled nylon textile fibres offer many possibilities. Recycled glass is Bioglass.

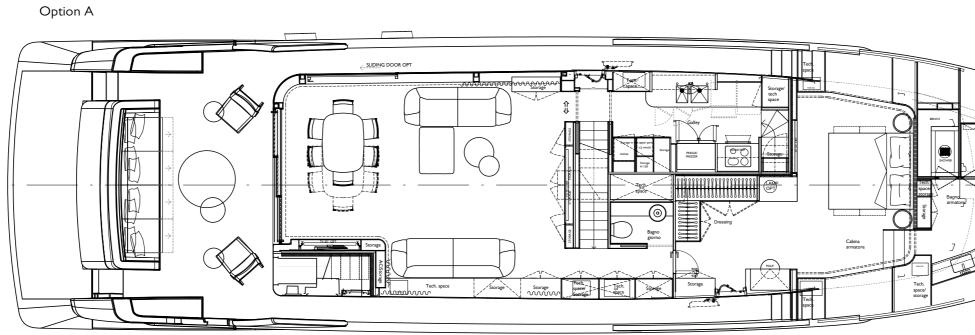


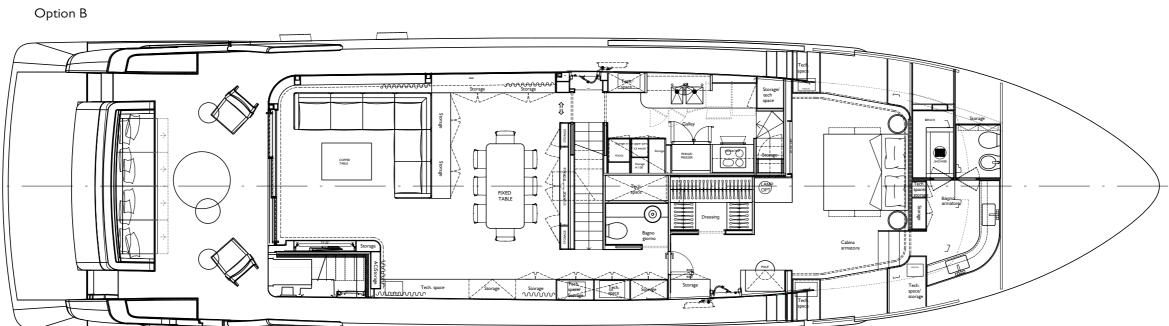




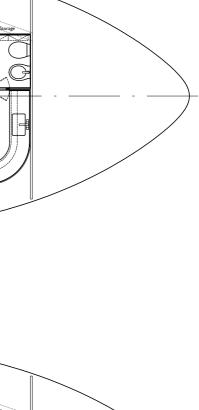


Flying bridge

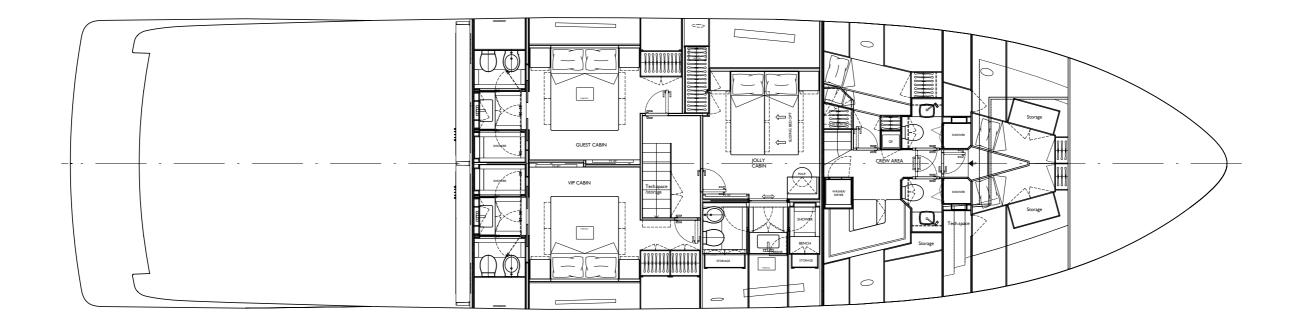




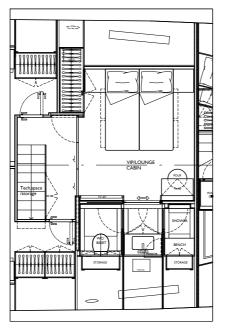


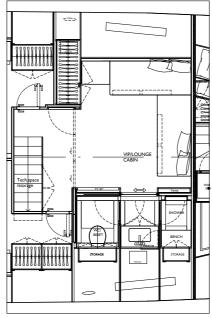


Main deck

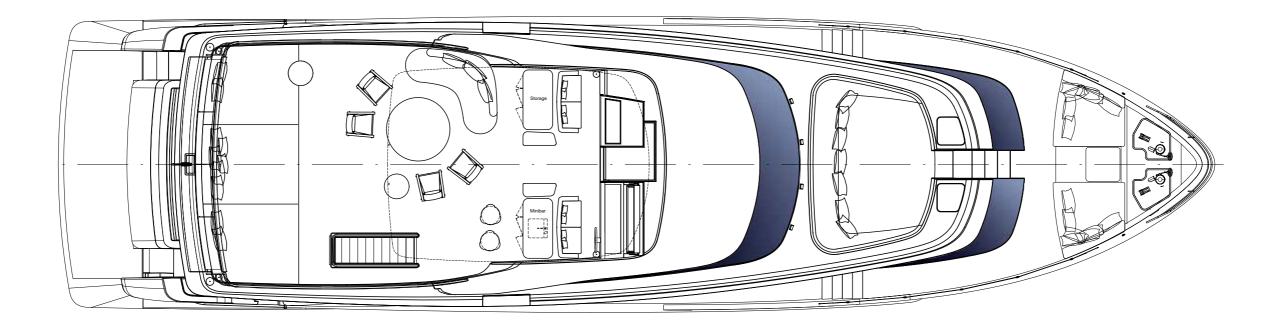


Jolly cabin transformation

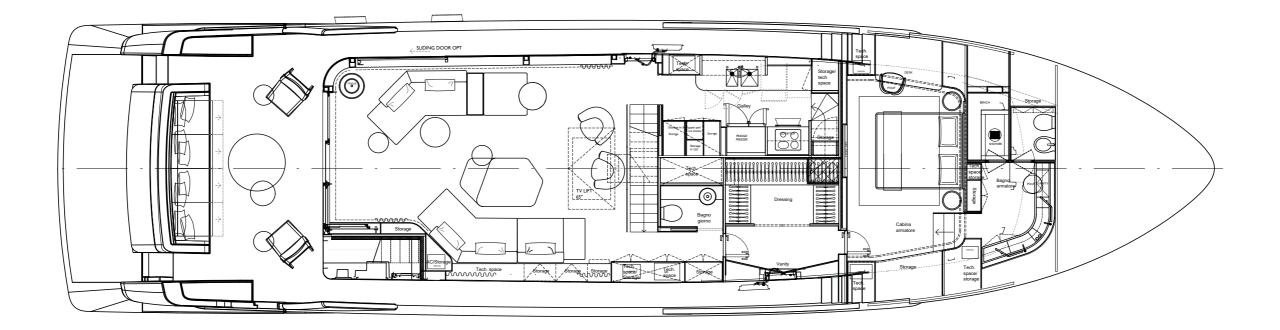




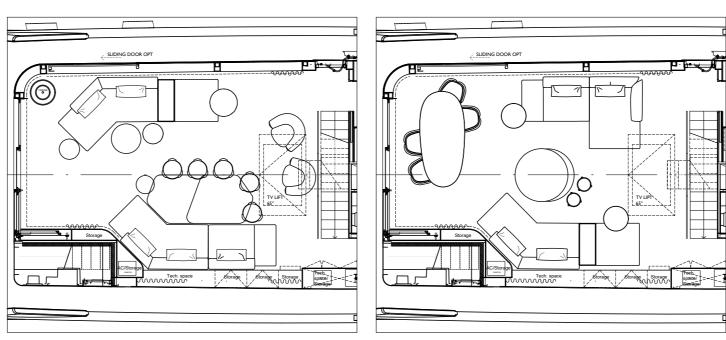








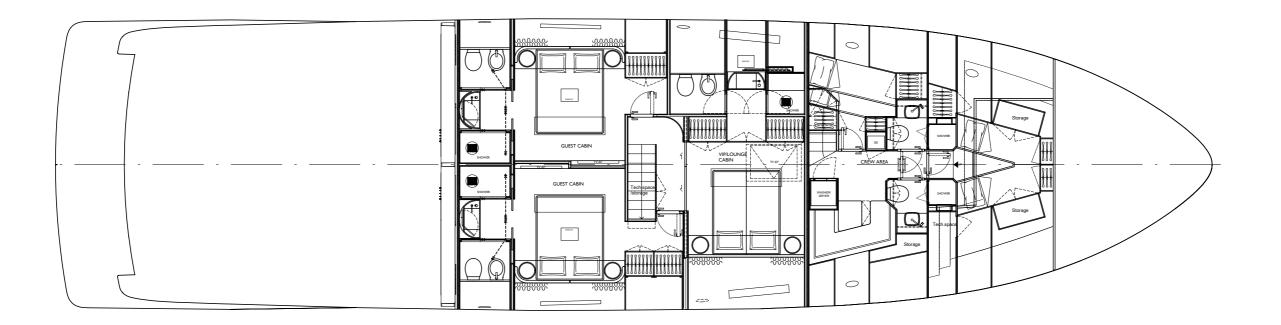
Trasformable dining table



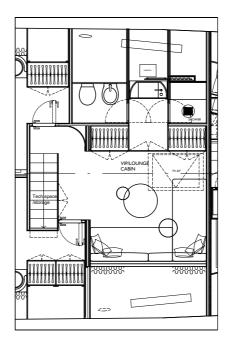




Main deck



Jolly cabin transformation





Length overall	27,43 m
Hull lentgh	23,97 m
Maximum beam	7,00 m
Construction height	3,30 m
Displacement @ half load *	105 t
Displacement @ full load	2 t
Waterline lenght @ full load	24,1 m
Draught @ half load	I,87 m
Draught @ full load	l,91 m
Guest accomodation	8 people
Crew accomodation	4 people
Engine	a) 2 x MAN i6-800 HP b) 2 x CAT C18 - 1150 HP
Comsuption (approx) **	a) 2 x 157 l/h @ 2300 rpm b) 2 x 210 l/h @ 2300 rpm
Power output @ 100% MCR **	a) 2 x 588 kW @ 2300 rpm b) 2 x 847 kW @ 2300 rpm
Gearbox	a) 2 x ZF 550 V - i = 2,960 : l b) 2 x ZF 665 V - i = 2,517: l
Transmission	V - drive
Propeller	5 blades NiBrAI "S" class
Shafts	Acquamet 17 or equivalent
Gensets	I x 28 kW + I x 35 kW
Rudders	AISI 316 stainless steel
Maximum speed (approx) ***	a) 14 kn b) 17 kn
Cruising speed (approx) ***	a) 12 kn b) 15 kn
Economical speed (approx) ***	10 kn
Max range @ economical speed (approx)	1200 nm
Deadrise	N/A
A/C power	190000 btu/h
Fuel capacity	13000 Tolerance ± 5%
Fresh water capacity	2000 I Tolerance ± 5%
Black & grey water capacity	1000 Tolerance ± 5%
Tender length	max 4,35 m
Tender weight	max 600 kg

* Displacement data refers to a yacht with standard layout as described in the sales specification ** Main engine performance data and characteristics are derived from the manufacturer's specification *** Speed data refer to a yacht with standard layout as described in the sales specification, considering a third of liquid weight, a third of luggage weight (25kg per bed) and 5 crew members (80kg each), and without stabilization system and hardtop.

37. Equipment & miscellanea



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