BALI 5.2
OPEN SPACE

SPECIFICATIONS A-2026

DESIGN	AURÉLIEN PONCIN
NAVAL ARCHITECT	XAVIER FAŸ
INTERIOR DESIGN	PIATON BERCAULT YACHT DESIGN
OVERALL LENGTH (without bowsprit)	15.90 M / 52' 2"
HULL LENGTH	15.40 M / 50' 6"
BEAM	8.16 M / 26' 9"
USABLE SURFACE AREA	115.4 M² /1,242 SQ FT
DRAFT	1.40M / 4' 7"
UNLADEN WEIGHT (approx)	19.1 T / 42,223 LBS
STANDARD SAIL AREA	146 M² / 1,571 SQ FT
UPWIND SAIL AREA (MAX)	199 M² / 2,141 SQ FT
FLYBRIDGE	YES
FRONT COCKPIT DOOR	YES
ENGINES*	2 x 57 CV JUSQU'À 2 x 115 CV
FUEL*	UP TO 1, 200 L / 317 US GAL
FRESH WATER*	UP TO 1 ,320 L / 349 US GAL
FRIDGE + FREEZER*	UP TO 2 x 634 L / 2 x 22.39 CU FT
CE CATEGORY	A - 14 / B - 16 / C - 24 / D - 40

* ÉQUIPEMENT DEPENDING ON PACK AND OPTIONS CHOSEN



BUILDER :
CHANTIER CATANA - ZONE TECHNIQUE DU PORT
66140 CANET EN ROUSSILLON - FRANCE

CATANAGroup

CONSTRUCTION:

One-piece hull with offset joins at the keel joints, sail-drive and rudders.

Anti-leeway plan ensured by 2 skeg keels with a profile designed to limit drag.

"One-shot" infusion hull in polyester resin with PVC foam sandwich.

Vinylester anti-osmotic barrier on underwater hull.

Foam-sandwich infusion deck with structural reinforcements in GRP sandwich.

6 Structural main bulkheads in infused PV foam fibreglass sandwich with transverse rails in unidirectional carbon for superior stiffness.

Secondary structure in laminated plywood.

DECK HARDWARE:

1 electric winch for mainsail halyard and furling line.

1 winch on port for reefing lines and solent sheet* (electric optional).

2 winches for gennaker sheets, code zero or optional asymmetric spinnaker (electric or manual).



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OUTDOOR EQUIPMENT

SELF-TACKING SOLENT FITTINGS:

1 Solent sheet track on coach roof.

Double sheet traveller on track.

Solent sheet block.

Solent sheet.

1 sheet clutch.

Furling line 10mm diameter.

Furling line lead and clutch on deck edge.

GENOA FITTINGS:

2 stand-up blocks (+sheet block).

2 blocks.

2 furling lines.

RUNNING RIGGING:

Mainsail halyard.

Mainsail sheet.

Solent halyard.

Solent sheet .

Solent furling line.

Boom topping lift.

GROUND TACKLE:

1500-W / 48 V vertical axis windlass with cable remote control*.

Stainless steel bow roller under nacelle for main anchor.

MAST:

Anodised aluminium mast, air draft 24.73 m.

Complete standing rigging.

LED anchor light.

LED masthead light and deck light.

Exits for mainsail halyard, self-tacking solent halyard, topping lift, genoa*, code 0* and spinnaker*.

Ball bearing luff track.

Anodized aluminum boom.

Solent forestay (or genoa).

Furling system on forestay*.

2 single-strand stainless steel cap shrouds.

2 single-strand stainless steel lower shrouds.

SAILS:

92 m^2 Dacron mainsail with 3 reefs.

54 m^2 Dacron cross-cut self-tacking solent on manual furler*.

Fully battened mainsail* and solent with reinforced UV strip + lazy bag + optional lazy jacks.

Optional square-topped 94 m^2 Dacron mainsail (with automatic square-top fittings).

70 m^2 Genoa on main stay.

Optional 105 m^2 Code 0 with trioptimal cut and anti-twist cable.

Optional 230 m^2 asymmetric spinnaker with trioptimal cut and spinnaker sock.

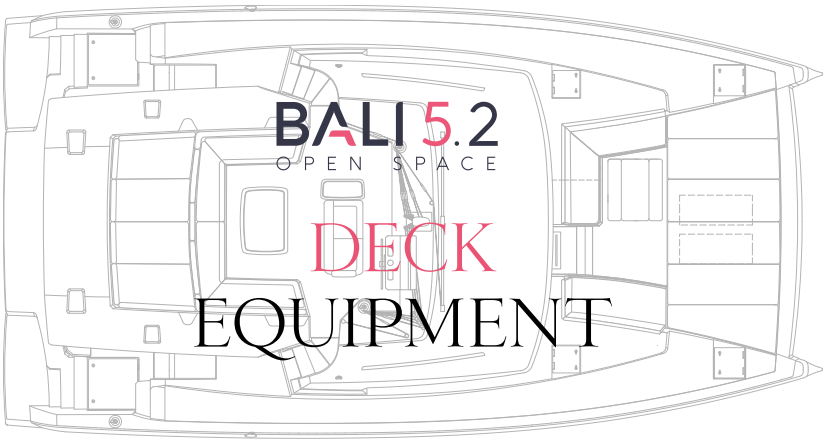
MAINSAIL FITTINGS:

Double mainsheet system.

2 Stand-up blocks.

4 blocks on boom.

3-purchase sheet.



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OPEN SPACE

DECK EQUIPMENT

DECK HATCHES:

T60 flush deck hatches for access to forepeaks.

2 T44 flush hatches in forward cabins.

2 GRP hatch covers for access to engine compartments (fitted with gas struts).

1 locker access cover under the forward cockpit seat (fitted with gas struts).

1 GRP hatch cover for chain locker for windlass and anchor access.

1 GRP access hatch for watertight locker.

SUGARSCOOPS:

Stainless steel swim ladder on the starboard transom.

2 guardwire gates for sugarscoops on port and starboard sides.

Shower with fresh hot and cold pressurised water on starboard sugarscoop.

Emergency tiller access on each sugarscoop.

1 retractable mooring cleat on each sugarscoop.

Optional retractable sugarscoop cleat outboard side for aft spring.

Courtesy lighting on the steps*.

Optional gas plancha grill with lid on strut.

Optional flagstaff on port side.

Gas locker with watertight cover on each side.

Stainless steel tender lifting system.

FORWARD COCKPIT:

Large forward cockpit with wide seats and integrated storage (with upholstery*).

Large integrated sunlounger (with upholstery*).

Removable table with optional stainless steel leg.

Direct access door to saloon.

LED courtesy lighting*.

Watertight access hatch to optional generator panel.

Fresh water outlet for deckwash (seawater optional).

SAFETY:

Bulwarks and handrails.

Stainless steel forward rail incorporating 2 seats.

5 stainless steel pushpits.

8 stainless steel stanchions.

Double stainless steel side guardwires and gates for sugarsccop access.

6 large aluminium mooring cleats and stainless steel sacrificial strips.

Stainles steel boarding ladder with wide teak steps.

16 harness attachment point deadeyes.

FLYBRIDGE AND STEERING SYSTEM:

Raised helm console to starboard with instrumentation.

Watertight access hatch on the side of the steering pedestal.

Steering wheel.

Helmsman's bench seat with reversible stainless steel system and storage lockers closed by polywood seats (with upholstery*).

Storage island with 2 doors and worktop.

Fabric line bag on stainless steel tube to port and starboard sides of sail handling area.

Large U-shaped bench seat (with upholstery*).

Central flybridge table.

2 storage lockers with lids (fitted with gas struts).

Optional Integrated sunbathing area (with upholstery*).

Universally calibrated magnetic steering compass, protective cover and LED light.

2 hanging rudders with stainless steel rudder posts.

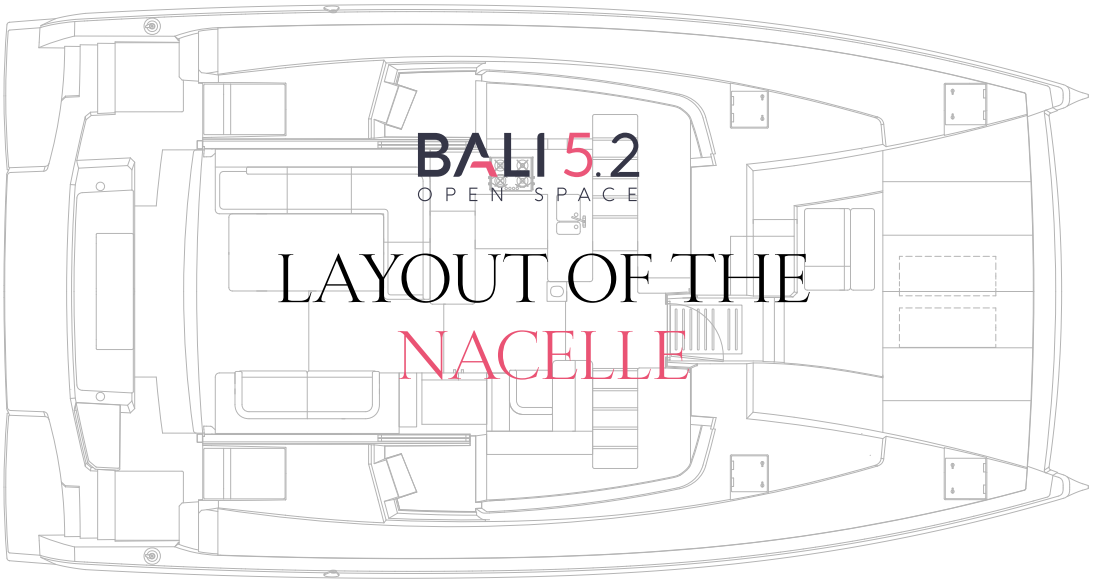
1 stainless steel emergency tiller Hydraulic steering transmission.

Electric engine controls at the helm station with engine panel and alarms.

Raymarine multifunction display, 12''colour plotter, optional autopilot control panel.

LED courtesy lighting* on steps.

*Equipment according to chosen Pack



LAYOUT OF THE NACELLE

OPEN COCKPIT SALOON :

Brushed aluminium handles on furniture.

Skai-covered headlinings in the saloon.

Lounger on starboard side with cushions, storage unit and integrated bar.

Storage bookshelf.

Large L-shaped seats to starboard with storage space.

Hinges on seats for easy opening of lockers.**

Saloon table on Stainless Steel legs.**

Upholstered trim, coachroof glazing.**

Fixed forward glazing, optional tilting glazing for ventilation with lock in ventilation position.

Tilting aft door with full opening and access via central sliding door.

Large sliding side windows.

CHART TABLE:

Chart table with opening lid.

Storage and bookshelf.

Seat with foam base and back.

Multifunction electrical interface screen.

Flexible chart table light.

Raymarine electronic equipment : VHF and an optional multifunction display.

GALLEY (TO PORT SIDE WITH LARGE WORK SURFACE) :

Plenty of storage space above and below.

Stainless steel double sink.

2 x 38L under-sink waste separation bins.

Combined 634L refrigerator (409L fan-cooled + 225L freezer) with ice cube and chilled water dispenser.

Taps with ceramic seal mixer for hot and cold fresh water.

4-burner gas hob.

Pan drawers.

Gas oven *.

Space for dishwasher*.

*Equipment according to chosen Pack
** Optional equipment on Charter version



INTERIOR LAYOUT
3 CABIN VERSION
(1 OWNER'S SUITE + 2 GUEST CABINS)

OWNER'S CABIN
(THE MOST SPACIOUS AND COMFORTABLE):

Access via aft cockpit and saloon (retractable for technical access).

Skaï and laminate headlining.

Central island bed with bedside tables and drawers.

High-resilience foam mattress.

Plenty of storage space above + shelves.

2 wardrobes and 4 drawers.

Low chest with 3 large drawers and adjoining seat.

Central companionway wardrobe with 3 drawers.

Separate marine WC (electric on fresh water or optional Japanese toilet).

Dressing room in the rear section.

OWNER'S BATHROOM:

Very spacious shower with integrated porthole, ceramic mixer tap and shower curtain (separated from the dry area by Plexiglas).

Double washbasin unit with resin top, heated mirror and fittings.

Vanity unit and resin worktop Interior and exterior wall units.

High furniture with mirror on exterior edging.

Ceramic mixer taps.

Large hull glazing with integrated porthole for lighting and ventilation.

Ventilation and lighting via T44 deck hatch.

MASTER CABIN
(VERY SPACIOUS AND COMFORTABLE):

Access via aft cockpit and saloon (retractable for technical access).

Skaï and laminate headlining.

Central island bed with 2 bedside tables and drawers.

High-resilience foam mattress

Plenty of storage space above + shelves.

3 wardrobes and 4 drawers.

Low-level chest with 3 large drawers and adjoining seat.

Central companionway wardrobe with 2 drawers.

Separate marine WC (electric on fresh water or optional Japanese toilet).

Separated washbasin.

MASTER BATHROOM:

Spacious shower, ceramic mixer tap and shower column (separated from the dry area by Plexiglas).

Vanity unit with washbasin and resin worktop and equipment.

High furniture with mirror on exterior edging.

Ceramic mixer tap.

Large hull glazing with integrated porthole for light and ventilation.

FORWARD CABINS:

Skaï and laminate headlining.

Island Bed with 2 bedside tables with lids.

Bed access steps.

High-resilience foam mattresses.

Plenty of storage space with shelves and wall units.

1 wardrobe.

FORWARD BATHROOMS:

Bathroom with spacious shower, ceramic mixer tap (Plexiglas partition).

Vanity unit with washbasin and resin top.

Storage for linen and toiletries .

Ceramic mixer.

Marine WC (electric on fresh water or optional Japanese toilet).

Hatch for light and ventilation.

FOREPEAKS (OPTIONAL SKIPPER CABINS):

Access via T60 deck hatch (or optionally via forward cabin) with access steps/shelves.

Single berth to port, folding single berth to starboard.

Toilet area with electric WC and shower mixer tap.

Stowage spaces.

Interior lighting.



INTERIOR LAYOUT
4 CABIN VERSION
(1 OWNER'S SUITE + 3 GUEST CABINS)

OWNER'S CABIN

Access via aft cockpit and saloon (retractable for technical access).

Skaï and laminate headlining.

Central island bed with bedside tables and drawers.

High-resilience foam mattress.

Plenty of storage space above + shelves.

2 wardrobes and 4 drawers.

Low chest with 3 large drawers and adjoining seat.

Central companionway wardrobe with 3 drawers.

Separate marine WC (electric on fresh water or optional Japanese toilet).

Dressing room in the rear section.

OWNER'S BATHROOM:

Very spacious shower with integrated porthole, ceramic mixer tap and shower curtain (separated from the dry area by Plexiglas).

Double washbasin unit with resin top, heated mirror and fittings.

Vanity unit and resin worktop Interior and exterior wall units.

High furniture with mirror on exterior edging.

Ceramic mixer taps.

Large hull glazing with integrated porthole for lighting and ventilation.

Ventilation and lighting via T44 deck hatch.

FOREPEAKS (OPTIONAL SKIPPER CABINS):

Access via T60 deck hatch (or optionally via forward cabin) with access steps/shelves.

Single berth to port, folding single berth to starboard.

Toilet area with electric WC and shower mixer tap.

Stowage spaces.

Interior lighting.

GUEST CABINS:

Skaï and laminate headlining.

Semi-Island storage bed with 1 bedside table and flap in the rear and central cabins

Island storage bed with 2 bedside tables and flaps in the front cabin

Optional additional bunk bed in the rear cabin.

Bed access steps.

High-resilience foam mattresses.

Storage spaces.

1 wardrobe.

GUEST BATHROOMS:

Bathroom with spacious shower, ceramic mixer tap (Plexiglas partition).

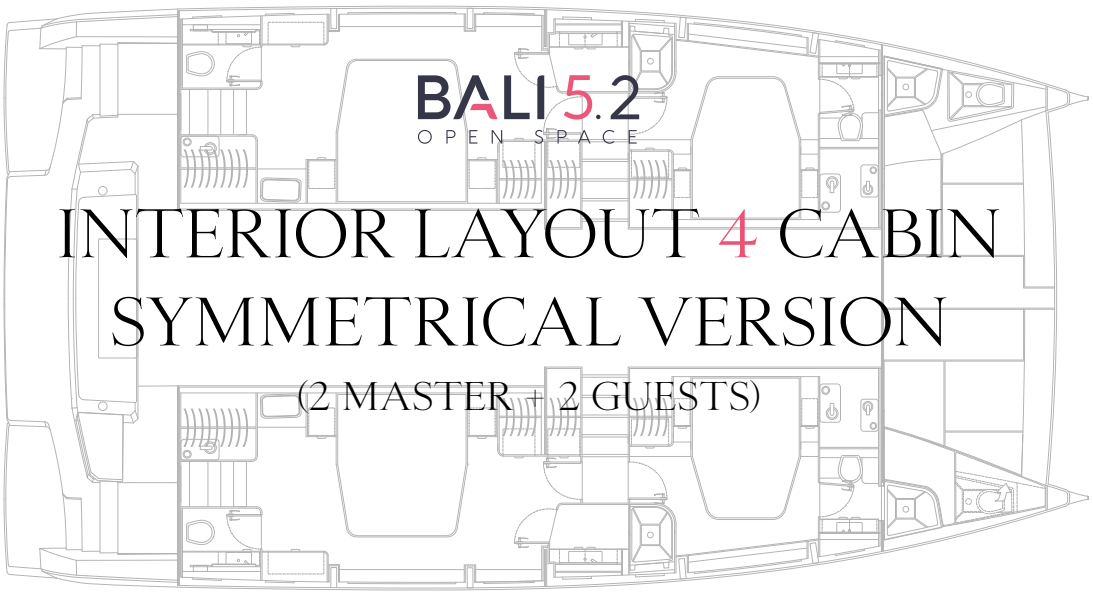
Vanity unit with washbasin and resin top.

Storage for linen and toiletries.

Ceramic mixer.

Marine WC (electric on fresh water or optional Japanese toilet).

Hatch for light and ventilation.



INTERIOR LAYOUT 4 CABIN SYMMETRICAL VERSION

(2 MASTER + 2 GUESTS)

MASTER CABINS

Access via aft cockpit and saloon (retractable for technical access).

Skaï and laminate headlining.

Central island bed with 2 bedside tables and drawers.

High-resilience foam mattress

Plenty of storage space above + shelves.

3 wardrobes and 4 drawers.

Low-level chest with 3 large drawers and adjoining seat.

Central companionway wardrobe with 2 drawers.

Separate marine WC (electric on fresh water or optional Japanese toilet).

Separated washbasin.

MASTER BATHROOMS:

Spacious shower, ceramic mixer tap and shower column (separated from the dry area by Plexiglas).

Vanity unit with washbasin and resin worktop and equipment.

High furniture with mirror on exterior edging.

Ceramic mixer tap.

Large hull glazing with integrated porthole for light and ventilation.

FOREPEAKS (OPTIONAL SKIPPER CABINS):

Access via T60 deck hatch (or optionally via forward cabin) with access steps/shelves.

Single berth to port, folding single berth to starboard.

Toilet area with electric WC and shower mixer tap.

Stowage spaces.

Interior lighting.

FORWARD CABINS:

Skaï and laminate headlining.

Island Bed with 2 bedside tables with lids.

Bed access steps.

High-resilience foam mattresses.

Plenty of storage space with shelves and wall units.

1 wardrobe.

FORWARD BATHROOMS:

Bathroom with spacious shower, ceramic mixer tap (Plexiglas partition).

Vanity unit with washbasin and resin top.

Storage for linen and toiletries .

Ceramic mixer.

Marine WC (electric on fresh water or optional Japanese toilet).

Hatch for light and ventilation.



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INTERIOR LAYOUT
5 CABIN VERSION
(1 MASTER + 4 GUEST CABINS)

MASTER CABIN :

Access via aft cockpit and saloon (retractable for technical access).

Skaï and laminate headlining.

Central island bed with 2 bedside tables and drawers.

High-resilience foam mattress

Plenty of storage space above + shelves.

3 wardrobes and 4 drawers.

Low-level chest with 3 large drawers and adjoining seat.

Central companionway wardrobe with 2 drawers.

Separate marine WC (electric on fresh water or optional Japanese toilet).

Separated washbasin.

MASTER BATHROOM:

Spacious shower, ceramic mixer tap and shower column (separated from the dry area by Plexiglas).

Vanity unit with washbasin and resin worktop and equipment.

High furniture with mirror on exterior edging.

Ceramic mixer tap.

Large hull glazing with integrated porthole for light and ventilation.

AFT AND CENTRAL GUEST CABINS:

Skaï and laminate headlining.

Island Bed with 2 bedside tables and lids.

Optional additional bunk bed in the rear cabin.

High-resilience foam mattress.

Plenty of storage space with shelves.

1 or 2 wardrobes.

Tall units on the outboard side.

GUEST BATHROOMS:

Head compartment with large shower, ceramic mixer tap (separated by Plexiglas).

Vanity unit with washbasin on resin top and ceramic mixer tap.

Marine WC (electric on fresh water or optional Japanese toilet).

Hatch for lighting and ventilation.

FORWARD GUEST CABINS:

Skaï and laminate headlining.

Island Bed with 2 bedside tables and lids.

Bed access steps.

High-resilience foam mattresses.

Plenty of storage space with shelves and wall units.

1 wardrobe.

FOREPEAKS (OPTIONAL SKIPPER CABINS):

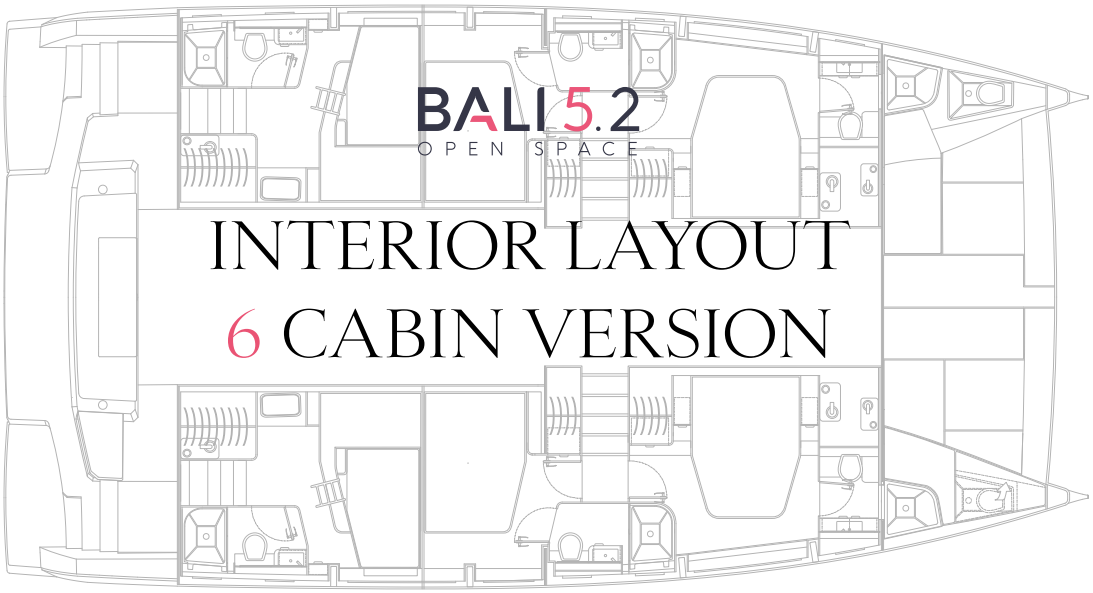
Access via T60 deck hatch (or optionally via forward cabin) with access steps/shelves.

Single berth to port, folding single berth to starboard.

Toilet area with electric WC and shower mixer tap.

Stowage spaces.

Interior lighting.



INTERIOR LAYOUT
6 CABIN VERSION

AFT CABINS
(ACCESS VIA AFT COCKPIT):

Skaï and laminate headlining.

Island Bed with 1 bedside table and lid.

Optional additional bunk bed.

High-resilience foam mattress.

Plenty of storage space with shelves.

1 wardrobe + drawers.

AFT AND CENTRAL BATHROOMS:

Head compartment with large shower, ceramic mixer tap (separated by Plexiglas).

Countertop with basin.

Ceramic mixer tap

Marine WC (electric on fresh water or optional Japanese toilet).

Storage for linen and toiletries.

Hatch for light and ventilation.

CENTRAL CABINS:

Skaï and laminate headlining.

Island Bed with 1 bedside table and lid.

High-resilience foam mattress.

Plenty of storage space with shelves.

Central companionway wardrobe with 2 drawers.

Tall units on the outboard side.

FORWARD BATHROOMS:

Head compartment with large shower, ceramic mixer tap (separated by Plexiglas).

Vanity unit with washbasin on resin top and ceramic mixer tap.

Marine WC (electric on fresh water or optional Japanese toilet).

Storage for linen and toiletries.

Hatch for lighting and ventilation.

FORWARD CABINS:

Skaï and laminate headlining.

Island Bed with 2 bedside tables and lids.

Bed access steps.

High-resilience foam mattresses.

Plenty of storage space with shelves and wall units.

1 wardrobe.

FOREPEAKS (OPTIONAL SKIPPER CABINS):

Access via T60 deck hatch (or optionally via forward cabin) with access steps/shelves.

Single berth to port, folding single berth to starboard.

Toilet area with electric WC and shower mixer tap.

Stowage spaces.

Interior lighting.

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TECHNICAL EQUIPMENT

ENGINE COMPARTMENTS:

Completely separate compartments from the interior.

2 watertight access covers on rams.

2 x 57 HP YANMAR diesel engines on composite engine bearers (4JH57)
Optional:
- 2 x 80 hp YANMAR (4JH80)
- 2 x 110 hp YANMAR (4JH110)
- 2 x 60 hp VOLVO (D2-60)
- 2 x 75 hp VOLVO (D2-75)
- 2 x 59 hp NANNI (N4.65)
- 2 x 115 hp NANNI (N4.115)
- 2 x 135 hp NANNI (N4.140)

Electric engine controls at the helm station.

2 Saildrive transmission systems.

2 fixed three-blade propellers.

Optional 2 x three-bladed folding propellers.

2 diesel filters / Water separators.

Bulkhead lighting.

2 x 600 L diesel tanks with gauges at the chart table, total capacity 1,200 L*.

ELECTRONICS:

RAYMARINE ELECTRONIC PACK :

- AXIOM + 7 GPS plotter
- Multi I70S
- RAY 63 VHF at the Chart Table + VHF RAY MIC handset at helm station
- AIS transmitter/receiver
- AXIOM + 12 plotter screen
- P70S autopilot at helm station.

ELECTRICS:

OPERATING VOLTAGE: DIRECT CURRENT 48V AND ALTERNATING CURRENT 230V 50HZ *

2 additional alternators of 48V for the 115HP Nanni and 24V for the 57HP and 80HP YANMAR (optional).

1 x 130Ah / 12 V gel battery on each engine, with battery switch and manual emergency coupling.

2 service parks (4 x 12V/130Ah gel batteries) for service bank.

1 x battery 24V park (2 x 12V/130Ah gel batteries) for little equipments.

1 x 48V park (2 lithium batteries of 24V in series at 230Ah) per edge (optional).

1 additional 48V battery (2 lithium batteries of 24V in series at 230Ah) per edge to increase the autonomy (optional).

Touch screen for monitoring connected equipment and on-board energy, centralised circuit breakers at the chart table.

230V circuit with shore power socket and 15m extension lead, USB-A socket in each cabin, saloon and cockpit*, double USB at helm station.

Indirect LED lighting in the saloon, cabins and bathrooms*.

Indirect led lighting on the flybridge.

Courtesy lighting in cockpits and on access steps.

LED navigation lights.

Inverter/Charger 48V/230 V 8000VA /110A*.

Optional solar panels 4200 W.

PLUMBING:

2 x 600 L freshwater tanks with gauges at the chart table, total capacity 1,200 L*.

2 Pressurised waterpumps with expansion tanks.

2 x 60 L water heaters, electric immersion and engine heat exchanger.

Ecological pack including freshwater purifying filter.

Gas installation for 13 kg bottles to starboard and spare bottle space to port.

4 electric bilge pumps.

4 manual bilge pumps.

Optional 48V or 230V watermaker.