BALI CATSMART

SPECIFICATIONS A-2027

DESIGN	OLIVIER PONCIN
NAVAL ARCHITECT	XAVIER FAŸ
INTERIOR DESIGN	BERCO DESIGN + PIATON
OVERALL LENGTH (INCL. BOWSPRIT))	12.08 M / 39' 7''
BEAM	6.46 M / 21' 2''
USABLE SURFACE AREA	66 M² / 710 SQ FT
DRAFT	1.10 M / 3' 7''
UNLADEN WEIGHT (approx)	8.9 T / 19,621 LBS
STANDARD SAIL AREA	76 M² / 818 SQ FT
UPWIND SAIL AREA (MAX)	100 M² / 1,076 SQ FT
ENGINES*	2 x 30 HP UP TO 2 x 37.5 HP
FUEL*	UP TO 400 L / 105.6 US GAL
FRESH WATER*	UP TO 660 L / 174.3 US GAL
FRIDGE + FREEZER*	UP TO 240 L / 8.47 CU FT
CE CATEGORY	A-8 / B-10 / C-16 / D-20

* ÉQUIPEMENT DEPENDING ON PACK AND OPTIONS CHOSEN

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

CATANAGroup

CONSTRUCTION:

Hull built in one-piece for greater stiffness.

Anti-leeway plan provided by 2 profiled keels limiting drag.

Hull made in GRP-infused PVC foam sandwich, polyester resin.

Anti-osmotic vinylester underwater hull protection .

Deck in GRP-infused foam sandwich with monolithic / plywood reinforcements.

Main bulkheads GRP sandwich and secondary bulkheads in multilayer plywood, laminated or glued.

MAST / RIGGING:

Anodized aluminum mast, air-draught: 17.14 m.

Complete standing rigging.

LED anchor light.

LED steaming and deck light.

Outlets for main halyard, solent jib halyard and topping lift.

Ball bearing mainsail luff cars.

Anodized aluminum boom.

Solent (or genoa) forestay.

1 furler on forestay*.

2 Capshrouds in stranded stainless steel.

2 Lower shrouds in stranded stainless steel.

GROUND TACKLE:

1,000W vertical windlass with corded remote control*.

Stainless steel anchor roller under platform.

DECK FITTINGS:

1 electric winch to starboard for main halyard and sheets.

1 winch to port for sheets and reefing lines (optional electric)

1 mainsheet winch to port on aft beam.

GENOA FITTINGS:

2 sheet leads.

2 clutches.

2 sheets.

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OUTDOOR EQUIPMENT

RUNNING RIGGING:

Main halyard.

Main sheeting system.

Self tacking solent halyard.

Self tacking solent sheet

Solent furling line.

Automatic reef for 1st and second reef *.

Boom topping lift.

SAILS:

46 m^2 Fully-battened mainsail in Dacron with 3 reefing points.

30 m^2 Self-tacking “cross cut” solent jib in Dacron, on furler.

Optional 40 m^2 Dacron genoa on furler

Optional reinforced fully-battened mainsail & solent with UV protection + lazy bag + lazy jacks.

Optional 47 m^2 fully battened square top mainsail in Dacron
(With automatic square top gear).

Optional Hydranet mainsail and solent.

Optional 53 m^2 triradial cut code 0, anti-twist cable.

Optional 1.5oz, 70 m^2 asymmetrical spinnaker.

MAINSAIL FITTINGS:

Mainsheet integrated into aft beam.

Traveller with 3 cars and integrated controls.

2 blocks on boom, 3 blocks on cars.

1 flat deck block for sheet lead.

1 double flat deck block and 2 cleats.

SELF-TACKING SOLENT FITTINGS:

1 Solent sheet Track on coachroof.

Sheet car on track.

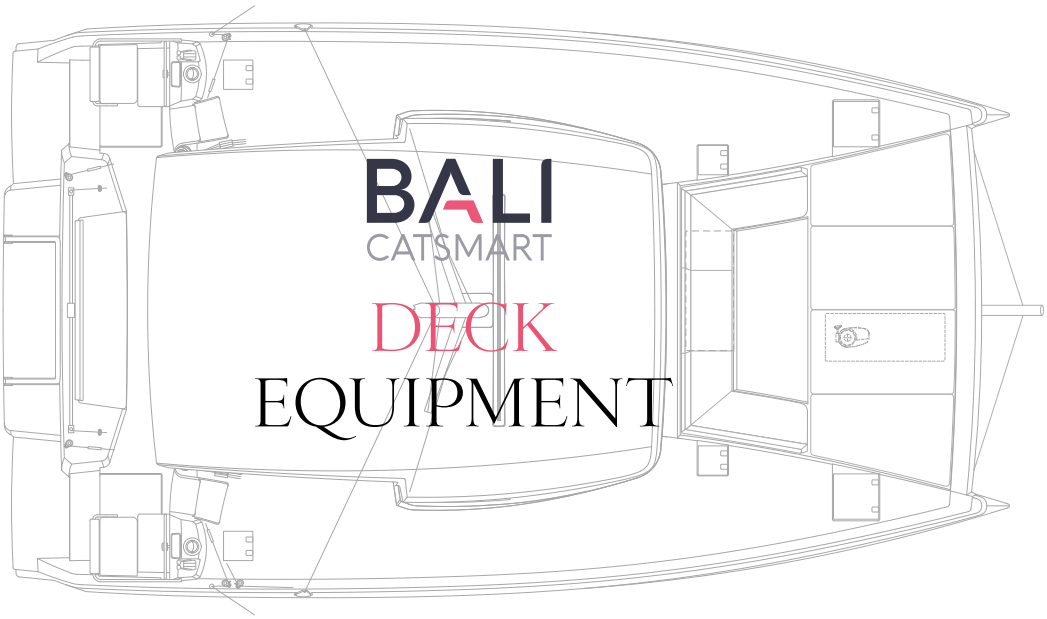
Sheet block on solent.

Solent sheet.

1 sheet clutch.

Furling line.

Furling line fairlead path and clutch on deck and starbord console.



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DECK EQUIPMENT

DECK HATCHES:

2 flush hatches for access to forepeaks.

2 flush hatches in forward cabins.

2 GRP engine compartment hatch covers (with gas struts*) .

1 locker lid in forward cockpit seating (with gas struts *)

1 GRP locker lid for chain locker and storage under sunlounger.

1 locker lid in aft bench seat with gas strut.

2 escape hatches under the stairs to cabins.

SAFETY:

Outer bulwark and handrails.

Stainless steel handrails forward with 2 built-in seats.

Stainless pushpit.

6 stainless steel stanchions.

Double guardwires in stainless steel.

6 aluminum king size cleats with SS hull protections.

COCKPIT EQUIPMENT:

Large pivoting bay door in methacrylate with sliding access door.

Lifting assistance of the pivoting door by pneumatic struts*.

Lateral sliding windows.

Davit*.

Large and comfortable aft bench with storage lockers and aft platform for a safe passage between the two sugarscoops.

Aft bench seats cushions*.

Liferaft locker with automatic release.

LED lighting.

SUGARSCOOPS:

1 Folding swim ladder on stbd transom.

2 Sugarscoop guardwire gates.

Shower with pressurized hot/cold fresh water in the starboard sugarscoop.

1 Stainless cap for access to the emergency tiller in each sugarscoop.

HELM STATION AND STEERING SYSTEM:

Twin helm stations aft to port and starboard for optimal visibility.

Flybrid ge access via central SS steps forward.

700 mm diameter aluminum steering wheels.

Magnetic steering compass, light and protective cover.

2 spade rudders with high resistance s/s stock.

1 Emergency tiller.

Cable steering system with rigid link bar between the rudders.

Manual engine controls at helm station with control panels and alarms.

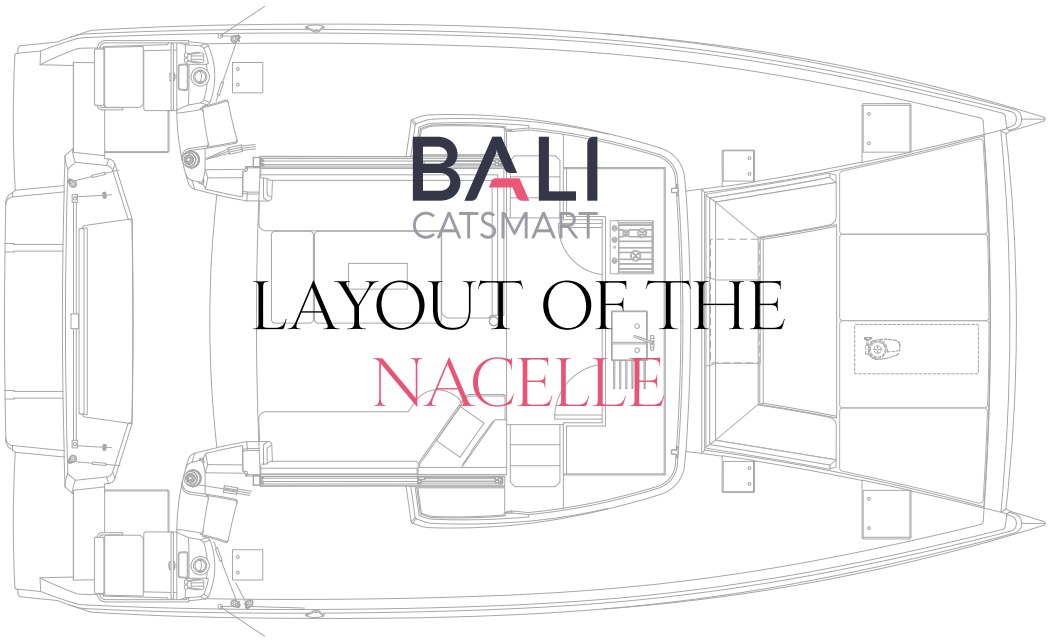
Optional Raymarine display*, color chartplotter*, autopilot control display*.

FORWARD COCKPIT:

Large forward cockpit with large seats and integrated storage (with cushions *) .

Courtesy lighting *.

*Equipment according to chosen Pack



LAYOUT OF THE NACELLE

AFT COCKPIT/SALOON FULLY OPEN SPACE:

Corner sofa to port (with cushions*).

Wood -effect laminate floor.

Lounger/daybed to starboard (with cushions *).

Large storage under seat.

Saloon table with aluminum feet**.

3 Optional removable folding chairs.

Lateral 2-section sliding windows *.

CHART TABLE:

Storage.

Stool with cushion.

Flexible chart table light.

Raymarine electronics *.

GALLEY:

Central galley with ventilation openings in windscreen.
Large countertop .

Numerous storage lockers.

Double stainless-steel sinks.

Garbage can.

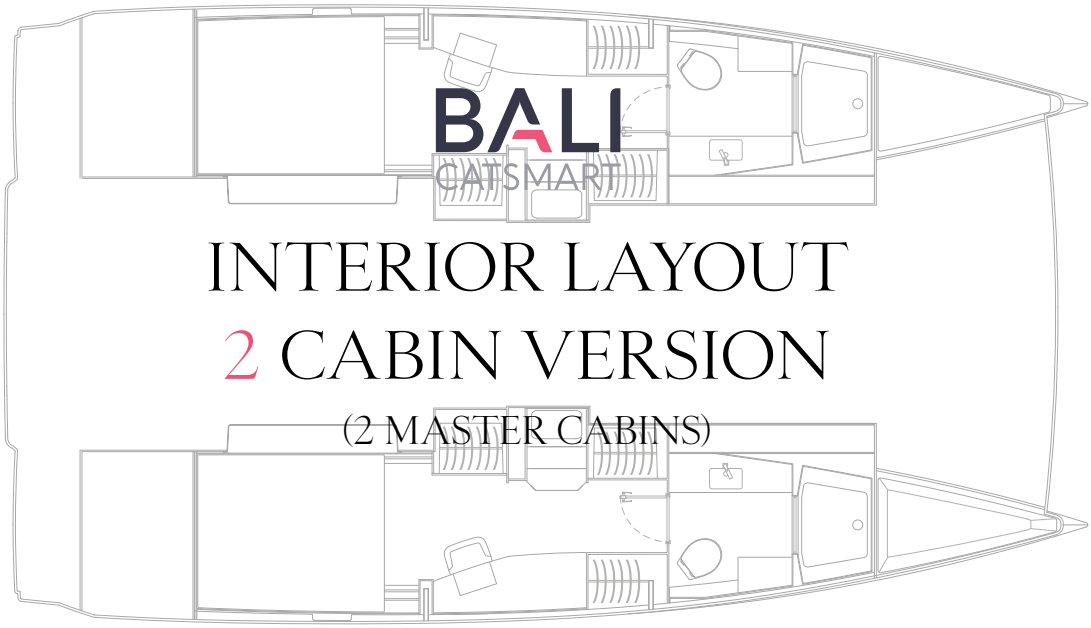
137 L refrigerator beneath countertop.

103 L freezer beneath countertop.

Mixer Tap with ceramic seals for hot and cold fresh water.

3- Burner gas hob.

Gas oven*.



INTERIOR LAYOUT
2 CABIN VERSION
(2 MASTER CABINS)

MASTER CABINS (PORT AND STARBOARD HULLS) :

Located in each hull, this is the most spacious and most comfortable version of the boat.

150-cm width bed, with storage under.

High resilience foam mattress.

Skaï and laminate panel headlinings.

Numerous storage lockers with shelves.

1 hanging locker and 2 cupboards.

Drawer and storage under bed.

Vanity / desk.

Sliding door for access to the saloon.

Hatch for light and ventilation.

LARGE MASTER BATHROOMS:

Large shower stall, shower gel dispenser, ceramic s eals mixer tap and plexiglas door.

Wash basin.

Marine toilet.

Storage for linen and toiletries.

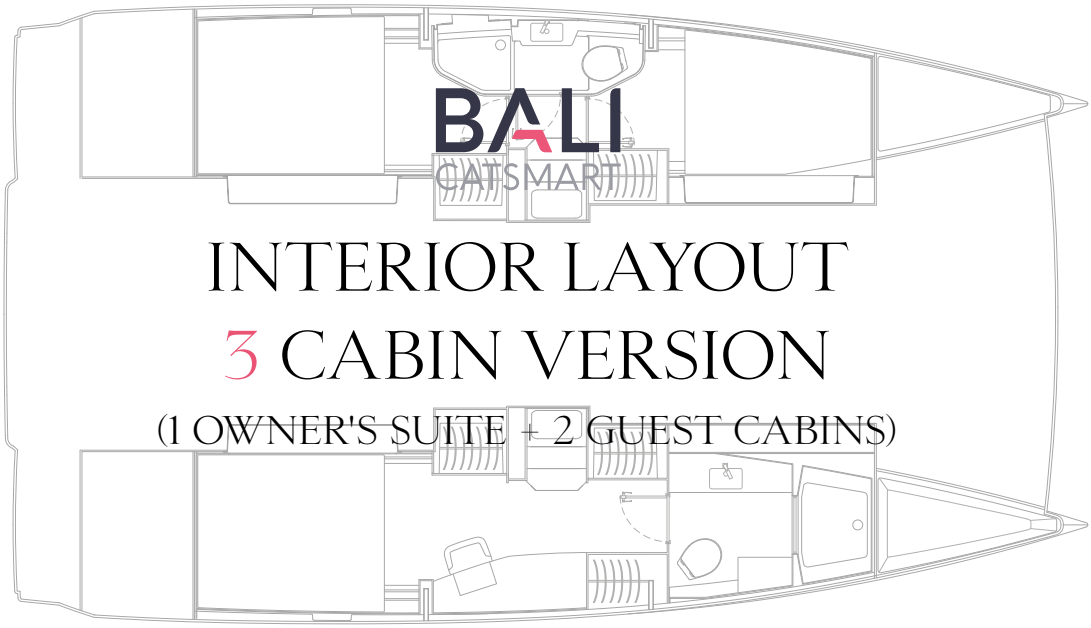
Hatch for light and ventilation.

FOREPEAKS (OPTIONAL SKIPPER CABINS):

Access via deck hatch.

Head compartment with marine toilet and sink in one of the forepeaks, cabin with single berth in the other.

Interior lighting.



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

OWNER'S CABIN
(PORT HULL) :

Midway between the 2 and 4-cabin versions, this comprises an owner's cabin to starboard and two cabins to port.

150-cm width bed, with storage under.

High resilience foam mattress.

Skaï and laminate panel headlinings.

Numerous storage lockers with shelves.

1 hanging locker and 2 cupboards.

Drawer and storage under bed.

Vanity / desk.

Sliding door for access to the saloon.

Hatch for light and ventilation.

MASTER BATHROOM:

Large shower stall, shower gel dispenser, ceramic s eals mixer tap and plexiglas door.

Wash basin.

Marine toilet.

Storage for linen and toiletries.

Hatch for light and ventilation.

FOREPEAKS
(OPTIONAL SKIPPER CABINS):

Access via deck hatch.

Head compartment with marine toilet and sink in one of the forepeaks, cabin with single berth in the other.

Interior lighting.

GUEST CABINS
(STARBOARD HULL):

Double berth in forward and aft cabins with drawer and storage under bed.

High-resilience foam mattresses.

Skaï and laminate panel headlinings.

Storage with shelves and one hanging locker per cabin.

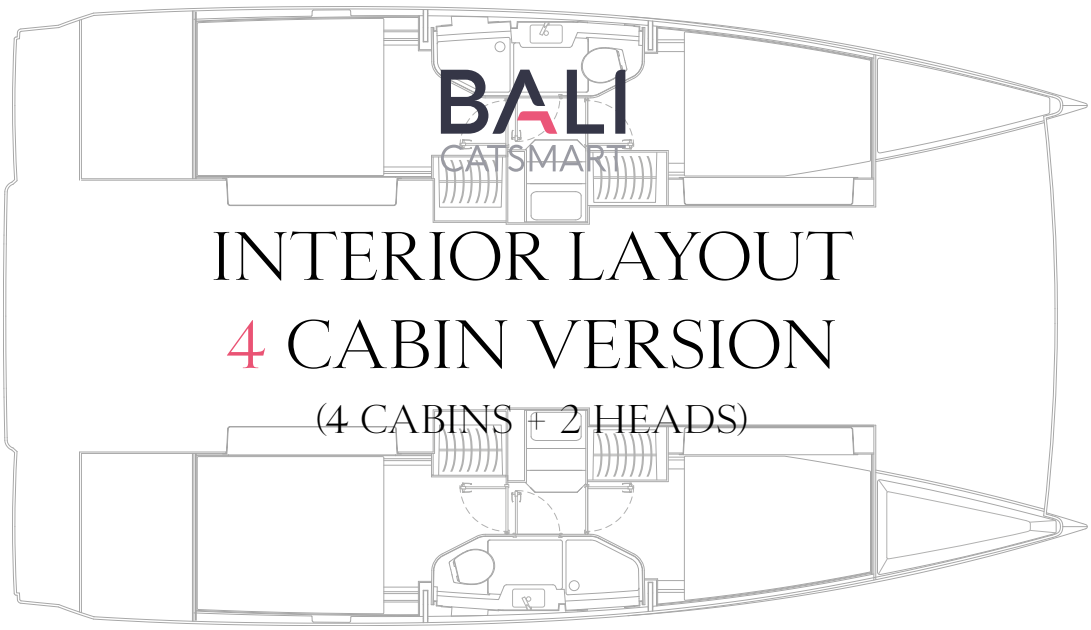
Hatch for light and ventilation.

GUEST BATHROOM:

Bathroom with basin, shower marine toilet, mirror and storage space.

Mixer taps with ceramic seals.

Hatch for light and ventilation.



INTERIOR LAYOUT
4 CABIN VERSION
(4 CABINS + 2 HEADS)

CABINS:

Double berth in forward and aft cabins with drawer and storage under bed.

High-resilience foam mattresses.

Skaï and laminate panel headlinings.

Storage with shelves and one hanging locker per cabin.

Hatch for light and ventilation.

BATHROOMS:

Bathroom with basin, shower marine toilet, mirror and storage space.

Mixer taps with ceramic seals.

Hatch for light and ventilation.

FOREPEAKS (OPTIONAL SKIPPER CABINS):

Access via deck hatch.

Head compartment with marine toilet and sink in one of the forepeaks, cabin with single berth in the other.

Interior lighting.

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TECHNICAL EQUIPMENT

ENGINE COMPARTMENTS:

Engine rooms totally separate from the accommodation.

Standard:
2 x 30 hp NANNI diesel engines (N3.30)

Optional :
2 x 37.5 hp NANNI (N4.38)

Mechanical engine controls at helm station.

2 Saildrive transmissions.

2 fixed 2 blade propellers (optional 3-blade folding).

2 Fuel filters / water separators.

Ceiling lights.

2 Fuel 200 L tanks with gauge displays at chart table, total capacity 400 L.

ELECTRONICS:

RAYMARINE ELECTRONIC PACK #1:

P70S Autopilot,
AXIOM 7" GPS plotter,
MULTI I70S,
VHF RAY 63 *

PACK #2 INCLUDING:
Pack 1,
VHF RAY MIC at stbd helm station,
AIS transceiver,
9" AXIOM plotter display at each helm station.

PLUMBING:

1 fresh water tank with display gauge at chart table, total capacity 600 L *.

Pressurized fresh water pump with expansion tank.

60 L electric water heater connected into the engine cooling circuit.

2x55 L holding tank, drain at sea or by deck drain outlet.

Gas installation (EU appliance) for 13 kg bottle with space for spare bottle.

4 electric bilge pumps.

2 manual bilge pumps.

Optional watermaker.

Ecological Pack with fresh water purification filter*.

MISCELLANEOUS:

2 layers of antifouling with Epoxy primer coat*.

Safety equipment for 8 persons including liferaft, but not including EPIRB (Optional for 10 persons).

ELECTRICS:

OPERATING VOLTAGE: DIRECT CURRENT 24V AND ALTERNATING CURRENT 220V 50HZ *

2 Extra optional 12V/120A alternators*.

2 x 95 Ah engine starting gel batteries, with breaker and manual emergency cutoff switch.

2 House batteries 130 Ah.

2 Additional house batteries*.

Low charge alarm for the house battery bank at chart table.

220 VAC circuit with shorepower connection and 25m extension cord. AC outlet in each cabin and saloon.

Led lighting on board throughout*.

12V/1600VA/70A Inverter/charger*.

Optional 4 x 110W solar panels.

*Equipment according to chosen Pack