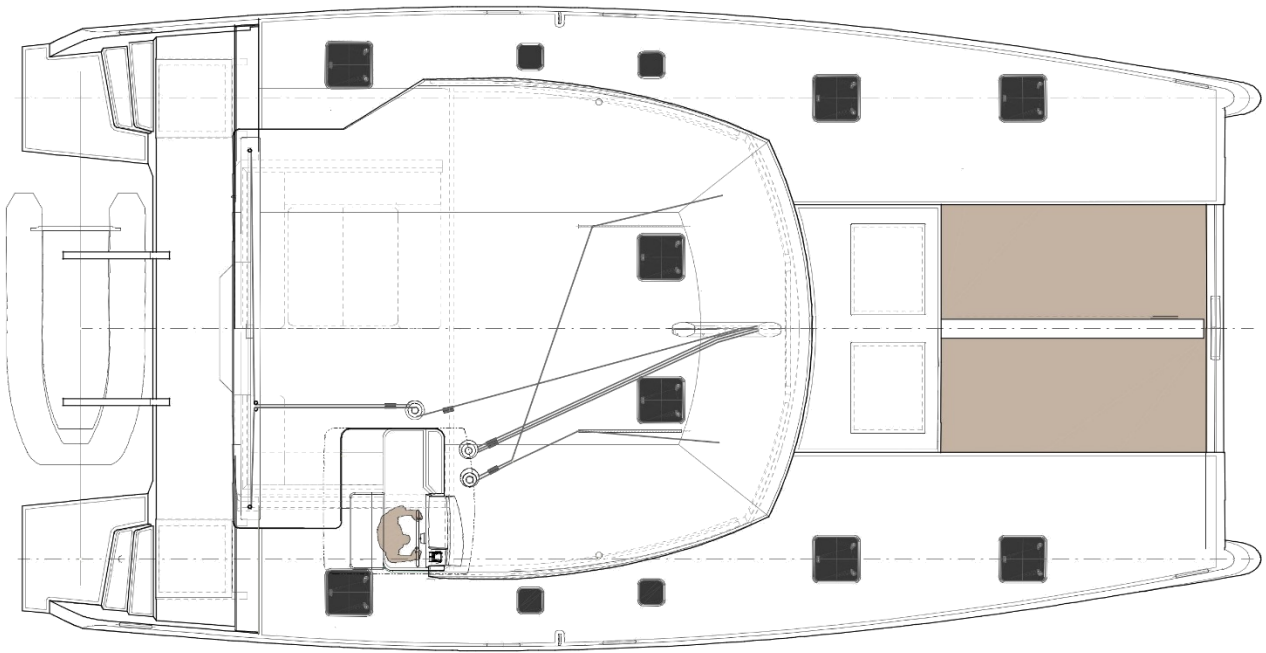


OVNICAT48





Deck layout – MORTAIN & MAVRIKIOS



Interior layout – LASTA Design Studio

Standard DESCRIPTION and INVENTORY

3-cabin owner version

I. GENERAL SPECIFICATIONS

▪ Architect	Alain MORTAIN and Yannis MAVRIKIOS
▪ Design category	A (Certification in progress)
▪ Materials	Hull and structure: Aluminium 5083 H111 and 6060T Deck and coachroof: GRP composite
▪ Hull length L_H	14.94 m (49')
▪ Length on waterline L_{WL}	13.37 m (44'6")
▪ Maximum beam	7.75 m (25'5")
▪ Draught (min./max.)	1.25 m (4')
▪ Air draught	22.35 m (79'4") excluding aerials
▪ Light Displacement	13,500 kg (13 tons 642 lb)
▪ Load displacement	17 000 kg (16 tons 1368 lb)
▪ Freshwater capacity	2 x 215 L (47 gal 2 pt)
▪ Fuel tanks	2 x 250 L (54 gal 7 pt)
▪ Blackwater tank	2 x 55 L (12 gal)
▪ Mainsail area	84.5 m ² (\approx 100 yd ²)
▪ Genoa area	54.5 m ² (\approx 65 yd ²)
▪ Engines	Volvo 2 x 50 HP Sail Drive

II. DECK FITTINGS

- Exotic wood external woodwork
- Non slip paint on horizontal surfaces
- 35-micron anodized aluminium bow rollers
- Painted aluminium toerails
- Self-bailing chain locker, with clench bolt and cleat
- 1500W vertical electric windlass with Ø10 chain grab and gypsy, dedicated battery
- Stainless steel forward pulpit with LED bi-colour lights
- Stainless steel aft side pulpits with horseshoe buoy bracket
- Sheathed double lifeline on stainless steel stanchions with gangway port on either side
- Trampoline in 2 textile sections laced
- 2 forward mooring cleats bolted and welded 330 mm
- 2 aft mooring cleats bolted and welded 330 mm
- 2 spring cleats midships bolted and welded 330 mm
- Anodized aluminium chain-plates with stainless steel bushing
- 10 LEWMAR LP60 opening deck hatches with:
 - Starboard, 1 in the shower, 1 in the shower room, 2 in the passageway, 1 in the aft cabin
 - Portside, 2 in the fore cabin, 1 in the shower, 1 in the heads, 1 in the aft cabin
- 6 fixed hull portholes with curtain
- 1 panoramic fixed porthole in the saloon
- 1 mainsheet traveller on coachroof
- 2 genoa/staysail sheet tracks with piston adjusted traveller car
- Return sheet leads on winches
- 2 locking winch handles
- 2 halyard winches and pennants on coachroof
- 2 sheave boxes leading halyards and pennants back on the coachroof
- 2 genoa sheet winches
- 2 hand rails welded to the coachroof
- 2 hand rails welded to either side of the transom platform
- Fresh water, fuel and black water fillers on deck
- Hot and cold shower on portside of transom platform

- Swim platform with built-in aluminium ladder and hot and cold portside deck shower
- Easily accessible housing for life raft
- 2 engine ventilation grills on transom platforms
- LED stern light aft of coachroof
- Davit lifting tender between the transom platforms, manual lift
- Block + fairleads with cam clutch for genoa furler line feeds
- 2 forward sail and fender lockers accessed through watertight hatch
- 2 handrails for stowing away lines in the sail locker

Options being studied

- Opening deck hatch
- Motorization of tender lift

III. RIGGING AND SAILS

- Deck-stepped anodized aluminium mast, 2 levels of spreaders, 4 mast steps to reach the main sail & masthead
- LED mooring and masthead navigation lamps, LED deck floodlight
- 1 aluminium mast step with return blocks
- WINDEX wind vane at head of mast
- Anodized Aluminium boom fitted with outhaul and 3 reef lines leading back to helm station
- Forward cross beam with aluminium A-frame support and stainless steel forestay strap, aluminium forward crossbeam chain plate
- Aluminium compression beam in the centre of the vessel
- Dacron square-top mainsail 84.50 m² (101 yd²)
- Manually furled Dacron genoa 54.50 m² (64.5 yd²)
- Standing rigging in single-strand stainless steel
 - 1 forestay
 - 2 upper shrouds
 - 2 lower shrouds
 - 2 diamonds
- Running rigging
 - 1 mainsail halyard
 - 1 genoa halyard
 - 1 boom topping lift
 - 2 genoa sheets
 - 1 mainsheet
 - 3 reef lines

Options being studied

- Mast and boom coating in black or white
- Electric genoa roller furler
- Bow sprit taken up on the forward crossbeam with lashing point for spinnaker and gennaker, stainless steel cable bobstay, aluminium bobstay chain plates
- Spinnaker
- Gennaker
- Electric winches

IV. COCKPIT

- Huge self-draining cockpit with access to the saloon, aft platform and helm station
- Bench seats, cockpit and transom platform soles covered in synthetic teak.
- Aluminium cockpit table, with tropical hardwood covering
- Locker for gas bottles under the helm station
- 2 cockpit lockers that can be secured
- Manual bilge pump
- Harness clip-in attachment points

V. HELM STATION

- Helm station with view of the coachroof, large steering wheel with instrument and engine control panels
- Comfortable helm seat
- Hand rails

VI. SALOON

- Large fixed table seating 6 people
- L-shaped sofa seat and extra seats around the table
- Large storage spaces under seating
- Comfortable foam upholstery, including seat backs
- Indirect LED lighting
- Fabric lining
- Laminated floors
- Panoramic view of the deck
- Brushed aluminium mast pillar

Options being studied

- Saloon table converting to double berth, manually or electrically lowering table stand
- Air-conditioning of the nacelle area
- Diesel stove
- Television

VII. GALLEY

- U-shaped layout facing saloon
- Synthetic marble worktops with riddles
- In-built double stainless steel sink
- Pressurized hot and cold water
- Backup seawater/fresh water by foot pump
- Integrated Stainless steel 4-ring hob oven cooker
- Drawer refrigerator 130 L (\approx 29 gallons) / 12V
- Drawer freezer 130 L (\approx 29 gallons) / 12V
- Storage units beneath sink and beneath worktops
- Indirect LED lighting, 2 sockets 220V
- Gas pipes from gas storage locker with isolation valve in the locker and in the galley

Options being studied

- Substitution of freezer by a second refrigerator
- Gas leak detector in the gas storage locker and/or in the kitchen
- Wine cooler

VIII. CHART TABLE

- Chart table converting to occasional table
- Instruments displayed in the direction of motion
- Control panel of electrical instrument on board
- Fuel and fresh water gauges
- Chart stowage area

Options being studied

- Duplication of navigation instruments in line with boat electronics option

IX. STARBOARD HULL

- Hull dedicated to the owner suite

Aft section and passageway:

- 1 double bed astern with 2 directional LED reading lights and 1 USB socket
- Comfortable fabric covered mattress
- Large storage locker beneath bed
- Well-ventilated hanging lockers with door in passageway
- Storage lockers in passageway
- Sliding lockable bulkhead door to saloon
- Fabric lining on ceiling and wood on hull sides
- Ventilation through opening deck hatch (size 60) with blind and mosquito screen
- Fixed hull portholes with curtain
- Indirect LED lighting
- Laminated floors and service hatches to technical areas
- Desk with storage compartment
- Automatic bilge pump
- USB port & 220 V socket

Forward section:

- Electric fresh water heads
- 2 Washbasins with hot and cold water mixer tap
- Storage above
- Large storage unit
- Ventilation through opening deck hatch (size 60) with blind and mosquito screen above the shower room and above the shower
- Large shower with tray behind glass door
- Electric shower discharge pump
- Blackwater tank 80 L (≈18 gallons)
- Water heater 40 L (≈9 gallons) beneath floor with engine exchanger 230 V
- Water flow generator specifically for the owner shower room

Options being studied:

- Installation of a washing machine instead of storage in the shower room
- Water heating in the whole of the owner suite hull
- Air-conditioning in the owner suite hull
- Television

X. PORT AFT CABIN

- 1 double bed with 2 directional LED reading lights and 1 USB socket
- Comfortable fabric covered mattress
- Large storage locker beneath bed
- Ventilated hanging locker with door
- Lockable bulkhead door to passageway
- Fabric lining
- Ventilation through opening deck hatch (size 60) with blind and mosquito screen
- Fixed hull portholes with curtain
- Indirect LED lighting
- Laminated floors and service hatch to technical areas
- USB port & 220 V socket

XI. PORT PASSAGEWAY

- Area serving the cabins, shower room and heads
- Independent manual seawater marine toilet with hot and cold water hand basin in Synthetic marble worktop
- Mirror
- Independent shower with washbasin in Synthetic marble worktop
- Electric shower discharge pump
- Blackwater tank 80 L (≈18 gallons)
- Water heater 40 L (≈9 gallons) beneath floor with engine exchanger
- Ventilation through opening deck hatch (size 60) with blind and mosquito screen
- Indirect LED lighting
- Laminated floors and service hatch to technical areas

Options being studied:

- Substitution of manual seawater toilet by an electric fresh water toilet

XII. PORT FORE CABIN

- 1 double bed with 2 directional LED reading lights and 1 USB socket
- Comfortable fabric covered mattress
- Large storage locker beneath bed
- Ventilated hanging locker with door
- Storage cupboard
- Lockable bulkhead door to passageway
- Fabric lining
- Ventilation through opening deck hatch (size 60) with blind and mosquito screen
- Fixed hull portholes with curtain
- Indirect LED lighting
- Laminated floors and service hatch to technical areas
- USB port & 220 V socket

Options being studied:

- Water heating in the port aft cabin that can be extended to the port fore cabin and passageway

XIII. FORWARD SAIL LOCKERS

- Twin port and starboard sail locker
- Access by LP60 deck hatch
- Large area for the stowage of sails and fenders
- Aluminium hand rail for stowing away mooring lines
- LED lighting
- Watertight bulkhead between sail locker and area fitted with built-in drainage system

XIV. MECHANICS – ELECTRICITY

- 2 Volvo 40 hp insulated two-pole diesel engines
- Saildrive transmission with three-blade fixed propeller and sacrificial anode
- Sound-proofed and ventilated engine compartment with LED lighting
- 230V AC 50 Hz circuit including shore power, differential protection and control panel
- 4 AGM 130 Ah service batteries + 2 AGM engine starter batteries 90Ah
- Battery charger 90 Ah and charge distributor 120A
- 4 automatic electric bilge pumps with switch on control panel
- Welded aluminium through hulls

Options being studied:

- Substitution of fixed propeller by a low-drag propeller
- Addition of 2 x 150 A engine alternators to recharge backup battery bank
- Fitting of a watermaker feeding the port and starboard hulls
- Fitting and cabling of 2 x 300 W solar panels
- Fitting and cabling of a hydro generator
- Fitting and cabling of a wind turbine
- Fitting and cabling of a generator increasing the boat's autonomy and power, depending on her electric load analysis
- Handover at the launch by a professional skipper

XV. ONBOARD ELECTRONICS

Options being studied:

- Full Raymarine electronics pack including
 - i70 pack
 - AIS
 - GPS-Radar
 - Autopilot with p70 panels
 - VHF
 - Autoradio with 2 indoor and 2 outdoor speakers

XVI. RUDDERS

- 2 fixed rudders controlled by hydraulic actuators
- Aluminium head for tiller, aluminium rudder stocks
- 1 emergency tiller
- 2 hatches in the transom platforms to fit the emergency tiller
- Aluminium rudder stocks mounted on self-aligning bearings

Alubat Chantier Naval regularly improves its models thanks to feedback from customers and the developments made by its teams. The specifications in this document are not binding and ALUBAT reserves the right to update them without notice.

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