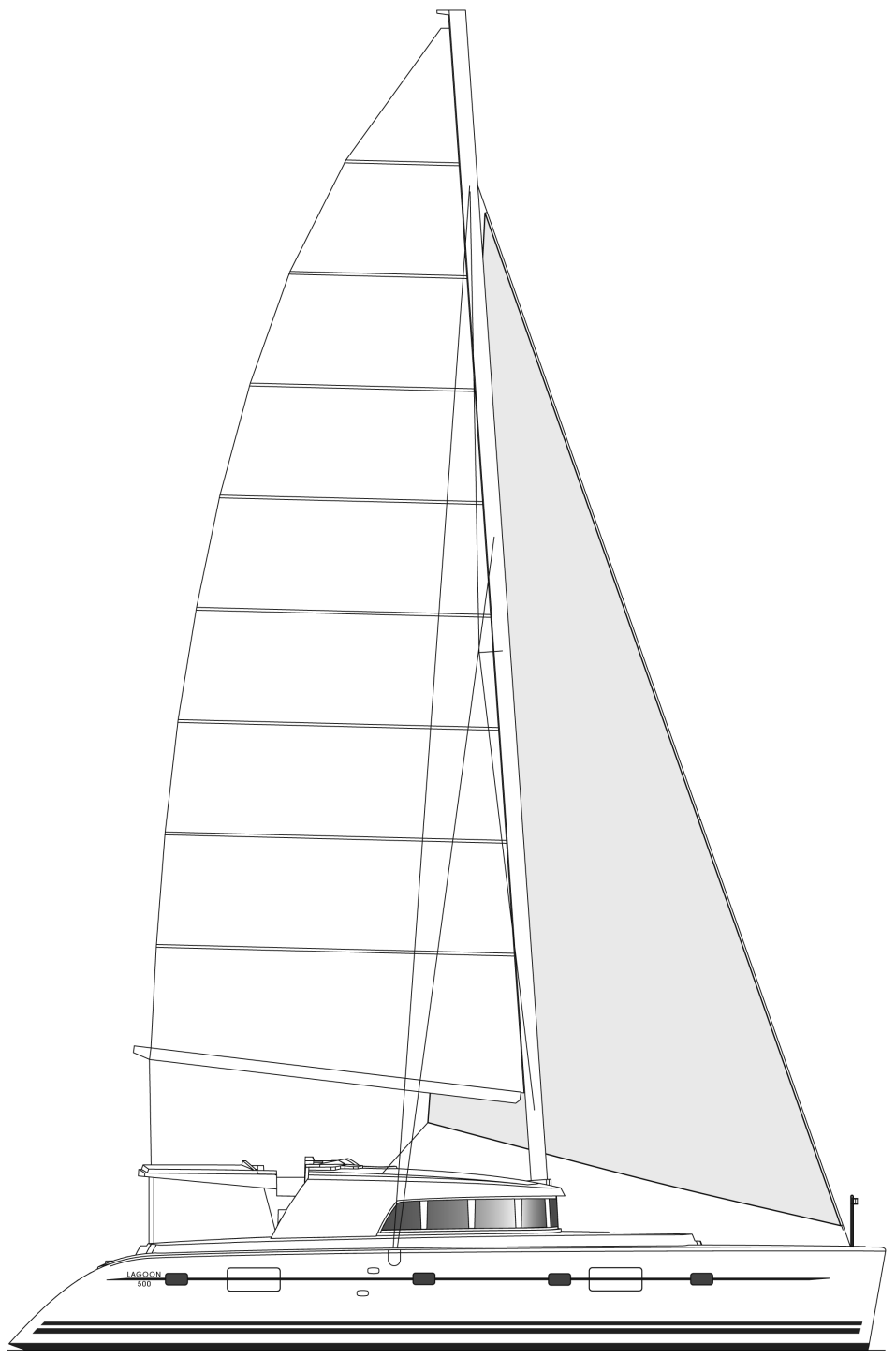


Lagoon 500



CONSTRUCTION

- Polyester and vinylester FRP construction (osmotic barrier)
- Bridge deck and deck in balsa sandwich. Vacuum bagged and infused with vinylester and polyester resin
- Hulls :
 - Below water line, and above decoration strip: solid glass vacuum bagged infused with vinylester & polyester resin
 - Hull side and bridgedeck: balsa sandwich vacuum bagged infused with vinylester & polyester resin
- Balsa infused structural bulkheads
- White gelcoat hull
- White gelcoat deck with non skid. (diamond type)
- 2 steps amidships at gate level in hull side for easier access side

SAILS

- Sail area main and genoa: 154,2m² (1718 sq ft)
- Full batten mainsail: 92m² (990 sq ft)
- Furling Genoa: 62.2m² (669 sq ft)

STANDING RIGGING

- Clear anodized aluminium mast(22m /72'2")
- Clear anodized aluminium boom
- Double spreader rig
- 2 shrouds with chafe guards
- 2 lower shrouds with chafe guards
- 1 forestay with furler
- Adjustable lazy jacks
- Deck light on mast

RUNNING RIGGING

- 1 double-purchase mainsail halyard
- 1 genoa halyard
- 1 mainsail sheet
- 2 genoa sheets
- 3 mainsail reefing lines

- 1 genoa furling line
- 2 mainsail traveller car control lines

DECK HARDWARE

- Mooring cleats
- 1 electric winch 48.2 STCEH starboard of helm for mainsail halyard, and reefing lines
- 1 winch 60.2 STC starboard of helm for genoa halyard, genoa sheet, and (optional) spinnaker/ gennaker sheets and halyard
- 1 winch 60.2 STC port of helm station for genoa sheet and (optional) gennaker /spinnaker sheets
- 1 winch 53.2 STC behind helm station for main sheet, main traveller and genoa furling lines
- 1 winch 40.2 STC in cockpit for davits tackle (davits optional) and mainsheet safety release
- 1 electric windlass 12V – 2000W in anchor locker with 12mm chain vertical gipsy
- Forward pulpits with wood seats
- Bare s/s lifelines
- Wooden foot rail
- Bow safety net with knot-less nylon netting
- Stainless steel outboard stern pulpits including one with horseshoe buoy and flagpole fittings and one with stern light
- Stainless steel inboard stern pulpits
- Composite forward longitudinal beam with recessed chain run and mooring cleat
- Aluminium crossbeam with forestay chainplate, anchor roller
- Mainsheet traveller track and ball-bearing cars
- 2 genoa tracks with genoa car and stopper

AFT COCKPIT

- Large cockpit, can be used as deck salon
- U shape seating
- Varnished teak cockpit table with seating for 8/10 people. Can be stowed in hard top bimini ceiling locker (table protection cover)
- 3 lockers in aft cross beam

- 1 locker against coachouse bulkhead
- 1 wet bar to port with sink, mixertap and standard cockpit fridge (12V - 80 L / 21 US Gallons) with synthetic resin IRO G120 countertop
- Hard top bimini with SS legs
- Cockpit lighting
- Fiddle on the sides of the cockpit

FLY BRIDGE

- Twin deck access stairways, one from each side
- Large bench seat for 8 people with grey PVC cushions
- Ergonomically-designed helm station with leathered wheel, engine throttles, engine panels hourmeters, fuel gauges, compass, large instrument console for (optional) electronic displays, plexiglass protected chart storage, cup holders, rope storage
- Folding "blue smoke" canvas bimini on stainless steel frame over the helm post, with removable clear windscreen, and protective storage cover
- Protection cover for helm position
- Stainless steel and foam back rest

FORWARD COCKPIT

- Large forward cockpit
- seating area
- 1 locker under seating: gas locker
- 1 anchor locker with 4 other lockers on either side
- 1 large forward locker forward of mast bulkhead with stainless steel gas strut
- Generator compartment
- Propane storage compartment (for 1 x 13 kg standard tank)

FORWARD PEAKS

- Large access hatches on deck
- S/S ladders with teak steps
- Peaks painted white inside

TRANSOMS

- Opening hatches on S/S struts for engine access
- Stainless steel swim ladder to port with 2 handrails
- Hole for fire extinguisher
- Transom shower (Hot/Cold) on port transom
- 1 diesel filler on each transom
- 1 mooring cleat for the dinghy on each transom
- 1 fresh water dock inlet on starboard transom
- 1 shore power inlet on starboard transom

DECORATION

- Grey decorative stripes (water line and boot stripe).
- Model name on hulls (on rear port and starboard side and on aft beam)
- Adhesive Lagoon logos on coachouse sides

ENGINE ROOMS

- 2 Yanmar 54 HP engines with saildrive transmission
- Engine throttles at steering station
- 2 three bladed fixed propellers
- Engines accesses by hatch at top of transom steps. 2 gas struts per hatch
- Compartments ventilation system with entry and exhaust on rear cross beam
- Sea water filter
- 1 x 12v outlet per engine compartment
- Sound insulation of engine compartments
 - Insulation foam on bulkheads and hull sides
 - Sound shield on cover above engine (cocoon)
- 2 Vinylester rudders (foam sandwich), composite rudder shafts
- Cable Steering adjustable with turnbuckle

PLUMBING

- 4 rotomoulded fresh water tanks - 960L (254 US Gal) total – under floor boards: 2 port & 2

starboard

- 2 tanks linked to one another, 1 gauge per side
- Fresh water circuit with 1 X 12V, 36l/mn pressure pump for the entire circuit
- 1 X 63L / 17 US gal. water heater, (with thermostatic valve) with electric element (also works from port engine heat exchanger)
- 1 transom shower to port (hot and cold water)
- 2 water fillers
- Dock fresh water inlet
- Shower and washbasin sump pumps : Grey water collector box with filter and drain pump
- 1 large bowl electric toilet in the owner's cabin washroom (3 and 4 cabin versions)
- Manual heads with large bowl
- 1 Holding tank (83L / 22 US gal.) per head with gravity drain to sea
- Self draining cockpit following CE regulation
- 1 high flow pumps per hull linked to a panel auto/on/off with bilge alarm
- 2 electric pumps with manual switch at electrical panel
- 2 double effect manual bilge pumps for emergency use in cockpit
- 2 fuel tanks: 960 l (254 US Gal) total, under aft beds
- Fuel tanks fittings:
 - Electric gauges
 - Filtering circuit
 - Remote fuel shut off valve under aft cabin beds
 - 2 fuel filler caps
 - 2 fuel tank vents
 - Feed for generator (optional) on port tank

ELECTRICITY

- 6 x 140A / 12V wet cell batteries for service bank
- 2 engines start batteries 12V
- 12V DC electrical system controlled by breakers on an electrical panel
- 220V or 110V AC electrical system controlled by

breakers on an electrical panel

- Bilge pump with 2 independent switches
- AC / DC electrical panels are located on the AFT salon bulkhead and protected by a sliding plexiglass cover
- Nav lights panel, gauges, battery control at nav station
- LED interior spot lights
- LED navigation lights including:
 - aft navigation light on pushpit
 - 2 colour light on forward crossbeam
 - motoring light
 - 3 colour masthead light
 - masthead mooring light

INTERIOR FURNISHINGS

General Specifications

Mattresses and upholstery

- Cabins mattresses: marine mattresses made of multi layer alveolar foam with several densities. Mattresses designed to improve comfort for a deeper sleep (thickness: 120mm/5")
- Mattresses treatment: anti microbial, anti bacterial, non allergenic, anti dust mite
- Standard upholstery as indicated on 2009 sample book
- Synthetic fabrics adapted to marine environment:
 - washable (40°C)
 - U.V. resistant
 - water repellent, with anti stain treatment
- Fabric-covered wooden ceiling panels or fibreglass liners in cabins and wash rooms
- Fabric hull liner in cabins
- FRP ceiling liner in main salon
- Curtains in cabins and on forward windows in salon
- Upholstered bed headboards

The port hull and salon are the same on all versions

• CHARTER VERSION, 5 cabins

- 4 double cabins
- 1 cabin amidships with 2 bunk beds
- 4 heads including: washbasin, toilet, separate shower
- 1 head for midship cabin including: integrated washbasin, toilet and shower

• OWNER VERSION, 3 cabins

- 3 double cabins
- 2 heads including: washbasin, toilet, separate shower
- 1 owner's head including: washbasin, separate toilet, separate shower

• OWNER, 4 cabins

- 4 double cabins
- 4 heads including: washbasin, toilet separate shower

Port Hull (same on all versions)

Aft cabin

- 1 Queen size semi island bed (2,00m /6' 7" x 1,60m/ 5' 3")
- Upholstered bed headboard
- Forward facing lockers on bed front (drawers on sliders)
- Headboard shelves
- Wardrobe with lighting, additional locker
- Shelving unit on inboard side above bed
- 1 opening porthole
- 1 large fixed Plexiglass window with one way view
- 1 opening deck hatch with integrated fly and sun screens
- Direct access door to head and shower with large mirror on cabin side

- Minimum head-room 2,05 m / 6'9"
- 1 x 220V or 110V outlet

Port gangway

- 1 opening porthole
- 1 opening deck hatch with integrated fly and sun screens
- Stainless-steel freezer 12V - 100 L (26 US Gallons)
- Locker for optional washer/dryer
- Companionway: 1 piece wood module
- Minimum headroom 2.05m.(6'9")
- Shared storage locker between gangway and galley on each side of the companionway

Forward cabin

- 1 Queen size semi island bed - 2.00 x 1.60 m (6'9" x 5'3")
- Upholstered bed headboard
- Forward facing lockers on bed front (drawers on sliders)
- Headboard shelves
- Wardrobe with lighting, additional locker
- Shelving unit on inboard side above bed
- 1 opening porthole
- 1 large fixed Plexiglass window with one way view
- Opening deck hatch with integrated fly and sun screens
- Direct access door to head and shower with large mirror on cabin side
- Minimum head-room 2.05m (6'9")
- 1 x 220V or 110V outlet

Aft cabin head and shower

- S/S washbasin with synthetic resin IRO G120 counter top
 - Separate shower with door
 - Locker, mirror, 2 chrome towel hooks
 - Toilet roll holder
 - Soap holder
-

- Large shower with non skid fibreglass floor
- Round teak shower grating
- Minimum headroom 2.05m.(6'9")
- Opening deck hatch with integrated fly and sun screen

Forward cabin head

- S/S washbasin with synthetic resin IRO G120
- Separate shower with door
- Locker, mirror, 2 chrome towel hooks
- Toilet roll holder
- Soap holder
- Large shower with non skid fibreglass floor
- Round teak shower grating
- Minimum headroom 2.05m. (6'9")
- Opening deck hatch with integrated fly and sun screen
- 1 opening porthole on outboard hull

Port salon (Identical on all versions)

- One white lacquered aluminium sliding door for access in salon with lock and latching mechanism inside and outside
- 1 opening cabintop hatch
- 2 opening portholes on vertical windows
- Curtains on rails on forward and side vertical windows
- Split level galley :
 - cooking area + storage (drawers on sliders) + galley sink on lower level (1 step)
 - 1 stainless-steel fridge 12V 130 L (34 US Gallons)
 - 4 burners separate stove top
 - Butane/Propane oven
- S/S double sinks with hot and cold water mixer tap
- S/S dish drying pan with drain
- Synthetic resin IRO G120 work top
- Locker underneath sinks
- Waste bin locker
- 5 x 220V or 110V outlets

- Storage under floor boards

Chart table

- Chart storage locker,
- Instrument console with panel for electronic equipment installation,
- Reading light
- 1x 220V or 110V outlet
- 1 x 12V outlet
- Fixed chart table stool

Starboard salon (Identical in all versions)

- Corner settee with lockers underneath cushions
- Square dining table with folding leaf and raising/lowering mechanism
- Storage under floorboards, can be used as wine cellar
- Storage under settees
- 1 opening cabintop hatch
- 2 opening portholes on vertical windows
- Curtains on front and side vertical windows
- Companionway steps aft against coachouse bulkhead
- 1 additional companionway forward of starboard salon in 4 cabins and charter versions
- 1 large cabinet against mast bulkhead designed for Hi-Fi/ Video equipment
- 1 storage cabinet between settee and mast bulkhead in 3 cabin owner's version only
- 4 teak chairs

Starboard hull Charter version

- 2 companionways for cabin access:
 - 1 for access to rear cabins with door in salon
 - 1 for access to amidships and forward cabins

Aft cabin

- 1 Queen size semi island bed – 2.00 x 1.60 m (6' 9" x 5' 3")
- Upholstered bed headboard
- Forward facing lockers on bed front (drawers on

- sliders)
- Headboard shelves
- Wardrobe with lighting, additional locker
- Shelving unit on inside of hull above bed
- 1 opening porthole
- 1 large fixed plexiglass window with one way view
- Opening deck hatch with integrated fly and sun screens on transom
- 1 opening deck hatch with fly screen and blind
- Direct access door to head and shower with large mirror on cabin side
- Minimum head-room 2.05m (6'9")
- 1x220V or 110V outlet

Aft bathroom

- Wash basin with synthetic resin IRO G120 counter top
- Separate shower with door
- Locker, mirror, 2 towel hooks
- Toilet roll holder
- Soap holder
- Large shower with non skid fibreglass floor
- Round teak shower grating
- Minimum headroom 2.05m.(6'9")
- Opening deck hatch with integrated fly and sun screen

Amidships cabin and head

- 2 single bunk beds – 1.92x0,60 m (6'7" x 2")
- Storage lockers under lower berth – 2 drawers
- Bed table on outboard side
- Hanging locker
- Shelving unit on inboard side above bunks
- Opening deck hatch with integrated fly and sun screen in head
- Integrated head including washbasin with storage above, toilet, shower
- Access door to head with full height mirror
- 1 opening port hole
- Minimum headroom 2.05m.(6'9")

- 1x220V or 110V outlet

Forward cabin

- 1 Queen size semi island bed – 2.00 x 1.60 m (6' 9" x 5' 3")
- Upholstered bed headboard
- Headboard shelves
- Storage with side access under bed
- Wardrobe
- Book shelf on inboard side above bed
- 1 opening porthole
- 1 large fixed plexiglass window with one way view
- 1 opening deck hatch with integrated fly and sun screen
- Access door to head and shower with full height mirror
- Minimum headroom 2.05m.(6'9")
- 1 x 220V or 110V outlet

Forward head and shower

- Wash basin with synthetic resin IRO G120 counter top
- Locker, mirror, 2 towel hooks
- Toilet roll holder
- Soap holder
- Large shower with access door and non skid fibreglass floor
- Round teak shower grating
- Minimum headroom 2.05m.(6'9")
- Opening deck hatch with integrated fly and sun screen
- 1 Opening hull port on outboard hull

■ Owner's version - 4 cabins

Aft owner cabin

- 1 Queen size semi island bed (2,00m /6' 7" x 1,60m/ 5' 3")
- Upholstered bed headboard
- Forward facing lockers on bed front (drawers on

- sliders)
- Headboard shelves
- Wardrobe with lighting, additional locker
- Shelving unit on inboard side above bed
- 1 opening porthole
- 1 large fixed Plexiglass window with one way view
- 1 opening deck hatch with integrated fly and sun screens
- Direct access door to head and shower with large mirror on cabin side
- Minimum head-room 2,05m / 6'9"
- 1 x 220V or 110V outlet

Aft cabin head and shower

- S/S washbasin with synthetic resin IRO G120 counter top
- Separate shower with plexiglass double panel door
- Shower stool
- Interior hull lockers
- Locker, mirror, 2 chrome towel hooks
- Toilet roll holder
- Soap holder
- Rectangular teak shower grating
- Minimum headroom 2.05m.(6'9")
- Opening deck hatch with integrated fly and sun screen

■ Owner's version - 3 cabins

Owner's cabin + gangway

- 1 Queen size semi island bed – 2.00 x 1.60 m (6'7" x 5'3")
- Upholstered bed headboard
- Headboard shelves
- Storage locker on front side of bed
- Shelving unit on inboard side above bed
- 2 opening portholes
- 1 opening deck hatch with integrated fly and sun screen facing transom with rain protection

- even when opened
- 1 fixed large plexiglass window with one way view
- 3 opening deck hatches with integrated fly and sun screens
- 1 sofa for 2
- 1 desk and stool
- Storage cabinets with wardrobe (space for optional Hi Fi equipment)
- Direct access door to head and shower with full height mirror on cabin side
- Headroom 2.05m.(6'9")
- 2 x 220V or 110V outlets
- 1x12V outlet

Head and shower

Head:

- 1 large washbasin with synthetic resin IRO G120 counter top
- 3 cabinets behind 3 mirrors above washbasin
- 2 towel holders on inside of door
- Minimum headroom 2.10m (6'11")

Separate shower

- Separate shower with White lacquered plywood bulkhead and green Plexiglass
- Teak seat
- Large shower pan with non skid floor
- Teak shower grating
- 1 opening deck hatch with integrated fly and sun screen

Separate head:

- 1 large bowl head
- Toilet paper holder
- 1 opening porthole

Overall length	15,54 m /51'
LWL	14,93m /49'
BOA	8,53m /28'
Mast Height Over Water	25m /82'
Draft	1,40m /4'7"
Light displacement (EEC)	17070 Kg /37.639 Lbs
Full batten main	92m ² /990 sq ft
Hydranet quare top main sail (option)	98m ² /1054 sq ft
Furling genoa	62,2m ² /669 sq ft
Spinnaker (option)	190m ² /2.045 sq ft
Gennaker (option)	145m ² /1.560 sq ft
Water	960l /254 US Gal
Fuel	960l /254 US Gal
Standard engine size	2 x 55 HP
Interior finish:	Light Alpi oak and non skid laminated wenge for the floor
Architects	Marc Van Peteghem & Vincent Lauriot Prévost
CE Certification	A : for 14 people ; B : for 14 people ; C : for 16 people ; D : for 30 people



162, quai de Brazza
33072 Bordeaux Cedex - France
Tél. 33 + (0) 557 80 92 80
E-mail : info@cata-lagoon.com

www.cata-lagoon.com