

42

Technical specification

L A G O O N

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## TECHNICAL DATAS

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Length over all	12,80 m / 42'
Length	12,50 m / 41'
Beam over all	7,70 m / 25'3"
Mast clearance	20,65 m / 67'9"
Draft	1,25 m / 4'1"
Displacement (ECC)	12 t / 26 460 Lbs
Upwind sail area	90 m <sup>2</sup> / 968 sq.ft.
Full batten mainsail	55 m <sup>2</sup> / 592 sq.ft.
Square top mainsail (option)	59 m <sup>2</sup> / 635 sq.ft.
Self-tacking jib	35 m <sup>2</sup> / 377 sq.ft.
Code 0 (option)	68 m <sup>2</sup> / 732 sq.ft.
Fresh water capacity	300 l / 79 Us Gal (+300l/79 Us Gal Option)
Fuel capacity	300 l / 79 Us Gal (+300l/79 US Gal essential equipment)
Engines	2 x 45 hp CR to 2 x 57 hp CR
Architects	Van Peteghem – Lauriot Prevost
Interior design	Nauta Design
Number of berths	6 to 12
EC Certification	A : 12 – B : 14 – C : 20 – D : 30

## CONSTRUCTION

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- Polyester and high quality anti-osmotic resin
- Hull and deck laminated by infusion
- Balsa core hull, solid laminate under water line, white gel coat
- Balsa core bridge deck and deck
- Laminated or glued marine plywood bulkheads

## SAILS AND RIGGINGS

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### RIGGING

- Anodized aluminum mast with mainsail track and ball-bearing
- 1 level of spreaders + diamond
- Anodized aluminum boom
- 2 encased shrouds
- 1 self-tacking jib forestay with furler
- Lazy-jack adjustable on cleat at the foot of the mast
- Deck light on the mast

### RUNNING RIGGING

- 1 double purchase spectra mainsail halyard with return at the helm station
- 1 spectra self-tacking jib halyard fixed at the foot of the mast
- 1 pre-stretched mainsail sheet
- 2 pre-stretched self-tacking jib sheets
- 3 reefing lines (1<sup>st</sup> dynema)
- 1 pre-stretched self-tacking jib furling line
- 2 pre-stretched mainsail traveler car control lines

## HARDWARE

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- 3 manual winches 46.2 STA
- 1 mainsail track with ball-bearing
- 1 self-tacking jib track
- Anodized aluminum crossbeam with mooring point for the self-tacking jib furler, anchor roller
- Navigation lights on the pulpit

## MOORING

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- Composite longitudinal crossbeam with avec integrated chain run and forestay chain plate
- 8 mooring cleats (2 on the aft cross beam, 3 on port and 3 on starboard)
- 1000W 12V electrical windlass with vertical axe, gypsy (chain 10mm)
- Access to the windlass and to the anchor locker through a hatch (front starboard)

## VARIOUS EQUIPMENTS

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- Composite longitudinal crossbeam with safety equipment (liferaft)
- Stainless steel pulpit (wooden seat with essential equipment)

- Height of the stanchions : 610mm
- 2 ranges of life line

## MOTORISATION

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- 2 diesel engines YANMAR 4JH45 45hp common rail sail drive
- 2 blades fixe propeller
- Sea water filter
- Mechanical engine throttles at the helm station
- Air evacuation by 2 air extractors (Output 300m<sup>3</sup>/H) with entrance on the aft transom
- Sound-proofing of the engine compartment with foam, access by separated hatches
- Fuel circuit :
  - 1 rotomoulded 300L tank in the starboard engine compartment (+300L with the essential equipment in the port engine compartment)
  - Fuel filter systems
  - Fuel shut off valve
  - Gauge at the general control panel

## PLUMBING

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### Fresh water circuit:

- 300L rotomoulded fresh water tank (forward portside) with gauge at the panel (+300L in option, forward starboard (not compatible with the generator option))
- Fresh water circuit with 1 main water group in the aft port engine compartment
- 40L electric water heater, 220V/engine exchanger

### Grey water:

- Shower and washbasin drain to grey water tank and automatic pump

### Black water:

- 1 holding tank in the aft portside bathroom in the 4 cabins version and in the owner bathroom in the 3 cabins versions (80L)

### Bilge pumps circuit:

- 1 manual bilge pump with cockpit pump (by hull)
- 1 automatic immersed bilge pump (by hull)
- 1 manual release non-immersed bilge pump (by hull)

## ELECTRICS

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### Power circuit:

- 2 alternators 12V 125A
- 2 start batteries 12V 110A
- 2 service batteries 12V 140Ah (4 x 140 Ah gel batteries in option)

Batteries breaker in the engine compartments (just below the hatches)

### Distribution Electric panel:

- 12V General distribution panel at the chart table with protection by circuit breaker
- Ammeter, voltmeter, circuit breaker, panel lighting

Lighting:

- 12V LED outside lighting
- 12V LED inside lighting
- LED navigation lights
- 12V lighting in the engine compartment

## DECK LAYOUT

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### TRANSOM

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- Cold deck shower on starboard
- S/s swim ladder on starboard
- Storage on the sides of the transom (sheets box)

### AFT COCKPIT

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- Cockpit usable as a deck salon, protected by a hard top bimini
- "L" bench with 1 storage locker and 10 kg gas bottle under the seat
- Removable polyester cockpit table 6/8 people
- Storage locker on portside (cockpit fridge or ice maker option)
- "Lazy boy" area on portside with storage locker
- Polyester fiddle anti-runoff on the sides of the cockpit
- Access to the engine compartments through hatches with gas struts
- Aft crossbeam with stainless steel backrest (trinket bowl storage)

### HELM STATION

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- Composite staircases to access from the cockpit
- Stainless steel helmsman seat
- Leather covered stainless steel steering wheel diam. 800mm
- Instrumentation console
- Cup holder
- USB outlet (option)
- Sheets bag on the starboard side of the helm station
- Winch handle holder
- Access to roof via a staircase with teak steps and s/s structure + handrail (bimini option)

### FORWARD COCKPIT

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- Large hatch on starboard with gas s/s struts and locker for the access to the fresh water tank
- Locker on portside with gas s/s struts (300L additional fresh water tank or generator option)
- Trampoline with nylon thread

### BOW LOCKERS

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- Access through opening deck hatches with locker (T60 - 507x507mm)
- Lighting
- Grey painting
- Inboard side porthole (347x171mm) (if berth option)

## INTERIOR LAYOUTS

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### GENERALITIES

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- Interior woodwork in Alpi blond oak plywood horizontal grain
- Dark brown laminated floor (Milano)
- Door to access to the cabins and bathroom without doorstep
- S/s handrail leather covered
- Stretched canvas covered ceiling in the salon
- Fabric-covered forward salon bulkhead
- Fabric-covered plywood ceiling in the owner cabin
- Polyester ceiling in the owner bathroom
- Polyester ceiling in the forward cabin
- Fabric-covered plywood ceiling in the aft cabin
- Polyester ceiling in the forward and aft bathroom
- Fabric-covered plywood on hull liner in cabins

### Standing headroom

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Cockpit:	2.20m
Salon:	2.00m
Forward cabin:	2.00 m
Aft cabin:	1.90 m
Bathroom:	1.90 m

### Mattress and upholstery

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- Marine mattresses made of multi-layer alveolar foam with several densities (tick. 130mm)
- Mattresses treatment: anti-microbial, anti-bacterial, non-allergenic, anti-dust mite
- Standard upholstery as indicated on Lagoon sample book
- Synthetic fabrics adapted to marine environment:
  - washable (40°C)
  - U.V. resistant
  - water repellent, with anti-stain treatment
- Blackout curtains in the cabins and salon

### Lighting

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- 12V LED ceiling spotlights
- 12V LED reading lights headboard
- 12V LED reading lights at the chart table

### Available version

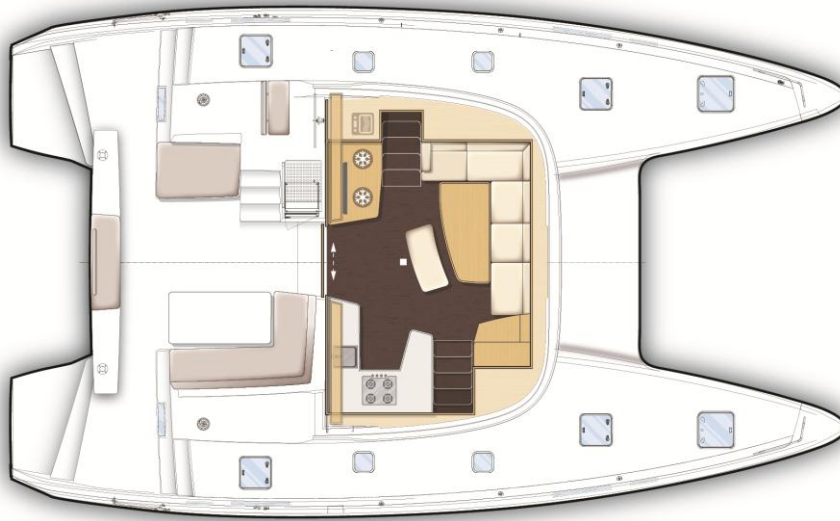
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- 3 cabins, 3 bathrooms
- 4 cabins, 4 bathrooms



## 3 CABINS 3 BATHROOMS

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### SALON

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Living room area with:

- Sliding windows in aluminum, 3 casements, with locker for the access to the cockpit (2250 x 1900mm), blocking in different positions
- Wooden salon table (exchangeable with the coffee table in option) and convertible in berth (option)
- 6 seats « L » bench on front starboard
- 1 bench 2 seats in front of the L bench (option)
- 3 lockers under the bench (1 for the option air conditioning/heating)
- Stainless steel pillar
- 2 opening portholes in the front window (482x342mm)

### CHART TABLE

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- Large instrument console with panel to install the electronics that can be built in (finishing with soft touch paint color *Titanium*)
- 1 desk with 1 flap and 3 pencil cases
- Electric panel in the starboard companionway (Generator, water maker, AC, DC, converter controls)

### GALLEY

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On starboard:

- « U » shape galley
- Laminated compact grey countertop
- S/s sink with hot/cold mixer tap
- 1 door with a 25L waste bin under the sink
- 1 cutlery drawer under the countertop
- 1 gas oven under the countertop
- 3 burners stove
- Storage niches under the stove
- Low storage cupboards with shelves, access from the salon
- Storage niches at the starboard entry

- High storage cupboards with 1 door on flap (essential equipment)

On portside:

- Cupboard with :
  - Freezer 130L
  - Storage with 1 door and shelves (ice box with top access 100L - option)
  - 3 storage niches
  - TV on bulkhead (option)
  - Microwave put on the countertop (option)



## PORTSIDE HULL

### AFT CABIN

- Double bed with front and lateral access (2,00m x 1,70m)
- 2 bed nightstands
- 1 under bed drawer
- 1 wardrobe – inboard side
- 1 opening deck hatch with dorade box (T44 - 442x442mm)
- 1 opening hull porthole (T34 - 347x171mm)
- 1 large hull fixe window in black PMMA (1200 x 420mm)
- 1 hull fixe window in black PMMA overlooking the back (230 x 1400mm)
- 1 opening hull porthole overlooking the back above the fixe window (347x171mm) (essential equipment)

### AFT BATHROOM

- Composite countertop
- Washbasin with hot/cold mixer tap
- High storage : 1 shelve, 1 mirror, 2 niches
- Low storage : 1 door, 2 shelves
- Separate shower with Plexiglas door
- Manual toilet
- 1 opening deck hatch with dorade box (T10 - 260x260mm)

### FORWARD CABIN

- Double bed with front and lateral access (2,00m x 1,20m x 1.30m at foot)
- 1 under bed drawer
- 1 wardrobe – inboard side

- 1 storage niche with 1 shelf – inboard side
- 1 opening deck hatch with dorade box (T44 - 442x442mm)
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### **FORWARD BATHROOM**

- Composite countertop
- Washbasin with hot/cold mixer tap
- High storage : 1 mirror, 2 niches
- Low storage : 1 door, 2 shelves
- Integrated shower
- Manual toilet
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### **STARBOARD HULL**

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#### **OWNER CABIN**

- Access from the salon through a sliding door

#### **Sleeping area:**

- Double bed with front and lateral access (2,00m x 1,70m)
- 2 bed nightstands
- 1 under bed drawer
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#### **Working area:**

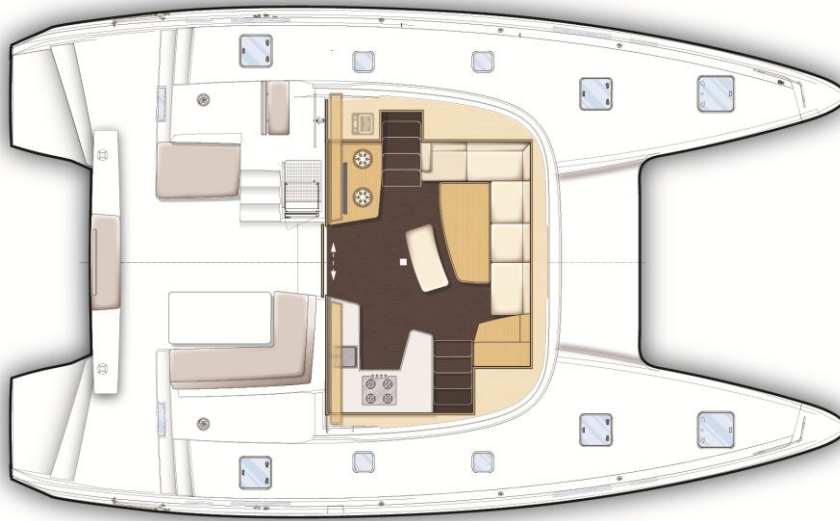
- 1 cupboard with shelf behind the door – inboard side
- 1 wardrobe in front of the door – inboard side
- 1 sofa 2 seats – outboard side
- 1 desk with flap – outboard side
- Bookshelves – outboard side
- 1 large storage with :
  - Wardrobe in the upper part (washing machine option)
  - Cupboard with shelves in the lower part
- 2 opening deck hatch with dorade box (T10 - 260x260mm)

#### **OWNER BATHROOM**

- Composite countertop
- Washbasin with hot/cold mixer tap
- High storage : 1 shelf, 1 mirror, 4 niches above the washbasin
- High storage : 1 door with shelves above the washbasin
- Low storage : 3 doors with shelves outboard side
- Manual toilet
- Separate shower with Plexiglas door
- 1 opening deck hatch with dorade box (T44 - 442x442mm)
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#### **FORWARD BATHROOM**

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#### **COQUE TRIBORD**

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##### **AFT CABIN**

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