

39

Technical specification

L A G O O N



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TECHNICAL DATAS

Length overall LOA	11,74 m / 38'6"
Beam overall	6,79 m / 22'3"
Mast clearance	18,4 m / 60'4"
Draft	1,21 m / 4'00"
Displacement (EEC)	11,673 t / 25739 Lbs
Upwind sail area	70 m ² / 753 sq.ft.
Full batten mainsail	38m ² / 406 sq.ft.
Square top mainsail (option)	44m ² /473 sq.ft.
Self-tacking jib	32m ² / 344 sq.ft.
Code 0 (option)	68 m ² / 732 sq.ft.
Fresh water capacity	300 l / 79 US gal (+300l / 79 Us gal in option)
Fuel capacity	2 x 200 l / 2 x 53 US gal
Engines	2 x 29 hp to 2 x 45 hp CR
Architects	Marc Van Peteghem & Vincent Lauriot Prevost
Interior Design	Nauta Design
Nb of berths	4 to 12
EC Certification	A : 10 ; B : 12 ; C : 16 ; D : 20

CONSTRUCTION

- 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 marine plywood bulkheads

SAILS AND RIGGINGS

SAILS

- 1 high roach mainsail in Dacron with battens and LAGOON logo
- 1 self-tacking jib in Dacron with UV protective band

RIGGING

- Anodized aluminum mast put on the roof
- Double spreaders rig
- Anodized aluminum boom
- 2 encased shrouds
- 1 forestay shrouds on transversal cross beam
- 2 adjustable lazy-jacks

RUNNING RIGGING

- 1 double purchase mainsail halyard
- 1 jib halyard (on blocker at the foot of the mast)
- 1 mainsail sheet led back to helm station with adjustment pulley and traveler on hard top bimini
- 2 reefing lines (1st in dynema)

HARDWARE

- 1 winch 40.2STA at helm station for the lift, mainsail halyard and genoa sheet
- 1 winch 40.2STA for mainsail sheet, reef 1 (dynema), reef 2, port side mainsail traveler line, starboard mainsail traveler line and genoa furler
- 1 winch handle with holder
- 1 self-tacking jib sheet traveler
- 1 fixed mainsail clew padeye on the boom
- 1 pulley + lock on the deck starboard for fib
- Anodized aluminum crossbeam with mooring point for the jib furler, anchor roller and secondary anchor roller

MOORING

- Composite longitudinal crossbeam with avec integrated chain run and mooring cleats
- 8 aluminum mooring cleats
- 1000W 12V electrical windlass on the deck, horizontal gypsy (chain 10mm)
- Access to the chain locker through a large hatch on s/s struts, starboard forward
- Anchor roller on forward aluminum cross beam

VARIOUS EQUIPMENTS

- S/s pulpits and pushpits with on port flag pole and buoy bracket
- Height of the stanchions : 600 mm
- Life line gates
- 2 ranges of s/s life line on the sides
- 3 ranges of s/s life line on aft cross beam
- 2 ranges of s/s life line on pelican hooks for access to transom
- S/s handrails

MOTORISATION

- 2 diesel engines YANMAR 3YM30 29cv sail drive
- 2-blades fixe propellers
- Sea water filter
- Mechanical engine throttles at the helm station
- Air extraction by 12V extractor
- Sound-proofing of the engine compartment
- Fuel circuit :
 - 2 rotomoulded tanks of 200 liters
 - Fuel filter
 - Fuel shut off valve
 - Air inlet on the aft transom
 - Gauge at the general distribution panel
- Access to the engine compartments from the transom through hatches

PLUMBING

Fresh water circuit:

- Fresh water tank : 300L with gauge at the chart table
- Fresh water circuit with 1 main water group in the forward stboard cabin
- 25L water heater, starboard engine exchanger

Grey water:

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

Black water:

- 2 cabins, 2 heads version :
 - 2 tanks 80L (total 160L)
- 3 cabins, 2 heads version :
 - 3 tanks 80L (total 240L)
- 4 cabins, 2 heads version :
 - 2 tanks 80L (total 160L)
- 4 cabins, 4 heads version :
 - 4 tanks 80L (total 320L)
- Holding tank with water and deck emptying system

Bilge pump circuit:

- 1 manual bilge pump with cockpit pump in each hull
- 1 automatic and electric bilge pump in each hull (manual activating from the electrical panel)

ELECTRICS

Power circuit:

- 2 alternators 12V 80AH
- 2 start batteries 12V 110A
- 2 service batteries 12V 140Ah

Service batteries breaker in the cupboard of the aft port cabin

Start batteries breaker in the cupboards of the portside and starboard cabins

Distribution Electric panel:

- 12V backlit general distribution panel at the chart table
- LCD display with: voltmeter, ammeter, circuit breakers, low voltage alarm for batteries, cigarette lighter

Lighting:

- 12V LED outside lighting
- 12V LED inside lighting
- LED Navigation lights
- 12V engine compartments lighting

DECK LAYOUT

TRANSOM

- Hot/cold deck shower on portside
- S/s swim ladder on portside

AFT COCKPIT

- Large cockpit usable as a deck salon, protected by a hard top bimini
- "U" bench on portside with lockers
- 1 gas locker
- Polyester cockpit table exchangeable with the salon table
- Self-draining cockpit with wooden grating

HELM STATION

- Helm station on starboard on the roof bulkhead
- 2 seats helm bench
- Covered steering wheel with brake
- Instrumentation console
- Engine throttles
- Storage bag for halyards
- Foot rest
- Access staircase from the cockpit with s/s guardrail

FORWARD COCKPIT

- Large hatch on portside with s/s gas struts and locks to access to the water tank
- Large hatch on starboard to access to the mooring and the windlass
- Trampoline with nylon thread

BOW LOCKERS

- Access through opening deck hatches with lock (T60 – 507x507mm)
- S/s ladder
- Grey painting (berth option)
- Lighting

INTERIOR LAYOUTS

GENERALITIES

- Interior woodwork in marine plywood and Alpi blond oak
- Dark brown laminated floor (Milano)
- S/s handrail leather covered
- Fabric-covered plywood ceiling panels or fiberglass liners in cabins and wash rooms
- Fabric-covered plywood on hull liner in cabins

Standing headroom

Salon :	2.00m
Cabin :	1.88m
Bathroom :	1.84m

Mattress and upholstery

- 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

- 12V LED ceiling spotlights
- 12V LED reading lights headboard
- 12V LED reading lights at the chart table
- 12V lighting in the engine compartment

Available version

- 2 cabins, 2 bathrooms - standard
- 2 cabins, 2 bathrooms - premium
- 3 cabins, 2 bathrooms- premium
- 4 cabins, 2 bathrooms
- 4 cabins, 4 bathrooms

2 CABINS STANDARD



version standard 2 cabines / 2 cabin standard version

SALON

- Large panoramic view salon
- Aluminum sliding door and window with locker for the access to the cockpit, can be locked open or closed
- 6 people varnished salon table exchangeable with the polyester table from the cockpit
- « L » bench on starboard
- Double berth in the salon (option)
- 2 lockers under the bench
- 3 opening hatches on the front windows (304x156mm)

CHART TABLE

- Instrumentation console with panel to install the electronics
- 1 sliding seat with storage
- Desk with flaps
- Storage in the companionway

GALLEY

- « L » shape galley on portside
- Grey compact countertop with wooden strips
- Double large s/s sink with hot/cold mixer tap
- Cupboard under sink with waste bin behind of the door
- 3 burners stove and enameled gas oven
- 1 cutlery drawer
- 130L refrigerator 12V
- 1 high cupboard with 3 doors with flaps
- 1 cupboard with shelves (2^{ème} fridge or freezer in option)
- 1 high cupboard on starboard
- Storage drawers unit (dishwasher option)

PORTSIDE HULL

AFT CABIN

- 1 double bed with front access 2,00m x 1,60m
- 1 nightstand
- 1 under bed drawer
- 1 low cupboard with shelves – outboard side
- 1 wardrobe – inboard side
- 1 opening deck hatch with dorade box (442x442mm)
- 2 opening deck hatches (260x260mm)
- 1 opening hull porthole (347x171mm)
- 1 opening hull porthole on the aft of the cabin (347x171mm)
- 1 fixe hull window in PMMA

BATHROOM

- Composite countertop
- Washbassin with hot/cold mixer tap
- 1 high cupboard 1door with mirror
- 1 towel holder
- 2 cup holders
- Big size manual toilet
- Separate shower with Plexiglas door :
 - 1 shower column with soap holder
 - 1 shower head holder
 - 1 hot/cold mixer tap
- 1 opening deck hatch with dorade box (442x442mm)
- 1 opening hull porthole (347x171mm)
- 1 fixe hull window in PMMA

STARBOARD HULL

Identical to the portside hull

2 CABINS PREMIUM



version premium 2 cabines / 2 cabin premium version

SALON

- Large panoramic view salon
- Aluminum sliding door and window with locker for the access to the cockpit, can be locked open or closed
- 6 people varnished salon table exchangeable with the polyester table from the cockpit
- « L » bench on starboard
- Double berth in the salon (option)
- 2 lockers under the bench
- 3 opening hatches on the front windows (304x156mm)

CHART TABLE

- Instrumentation console with panel to install the electronics
- 1 sliding seat with storage
- Desk with flaps
- Storage in the companionway

GALLEY

- « L » shape galley on portside
- Grey compact countertop with wooden strips
- Double large s/s sink with hot/cold mixer tap
- Cupboard under sink with waste bin behind of the door
- 3 burners stove and enameled gas oven
- 1 cutlery drawer
- 130L refrigerator 12V
- 1 high cupboard with 3 doors with flaps
- 1 cupboard with shelves (2^{ème} fridge or freezer in option)
- 1 high cupboard on starboard
- Storage drawers unit (dishwasher option)

PORTSIDE HULL

CABIN

- 1 double bed with front access 2,00m x 2,00 m
- 1 under bed drawer
- Nightstands on headboard and inboard side
- Outboard side :
 - Sofa
 - Desk with flaps and seat
 - Bookshelve
 - 1 wardrobe with 2 doors
- 1 opening deck hatch with dorade box (442x442mm)
- 2 opening deck hatches (260x260mm)
- 1 opening hull porthole (347x171mm)
- 1 opening hull porthole on the aft of the cabin (347x171mm)
- 1 fixe hull window in PMMA

BATHROOM

- Composite countertop
- Washbassin with hot/cold mixer tap
- 1 high cupboard 1 door with mirror
- 1 towel holder
- Big size manual toilet
- Separate shower with Plexiglas door :
 - 1 shower column with soap holder
 - 1 shower head holder
 - 1 hot/cold mixer tap
- 1 opening deck hatch with dorade box (442x442mm)
- 1 opening hull porthole (347x171mm)
- 1 fixe hull window in PMMA

STARBOARD HULL

Identical to the portside hull

3 CABINES PREMIUM



version premium 3 cabines / 3 cabin premium version

SALON

- Large panoramic view salon
- Aluminum sliding door and window with locker for the access to the cockpit, can be locked open or closed
- 6 people varnished salon table exchangeable with the polyester table from the cockpit
- « L » bench on starboard
- Double berth in the salon (option)
- 2 lockers under the bench
- 3 opening hatches on the front windows (304x156mm)

CHART TABLE

- Instrumentation console with panel to install the electronics
- 1 sliding seat with storage
- Desk with flaps
- Storage in the companionway

GALLEY

- « L » shape galley on portside
- Grey compact countertop with wooden strips
- Double large s/s sink with hot/cold mixer tap
- Cupboard under sink with waste bin behind of the door
- 3 burners stove and enameled gas oven
- 1 cutlery drawer
- 130L refrigerator 12V
- 1 high cupboard with 3 doors with flaps
- 1 cupboard with shelves (2^{ème} fridge or freezer in option)
- 1 high cupboard on starboard
- Storage drawers unit (dishwasher option)

PORTSIDE HULL

CABIN

- 1 double bed with front access 2,00m x 2,00 m
- 1 under bed drawer
- Nightstands on headboard and inboard side
- Outboard side :
 - Sofa
 - Desk with flaps and seat
 - Bookshelve
 - 1 wardrobe with 2 doors
- 1 opening deck hatch with dorade box (442x442mm)
- 2 opening deckes hatch (260x260mm)
- 1 opening hull porthole (347x171mm)
- 1 opening hull porthole on the aft of the cabin (347x171mm)
- 1 fixe hull window in PMMA

BATHROOM

- Composite countertop
- Washbassin with hot/cold mixer tap
- 1 high cupboard 1 door with mirror
- 1 towel holder
- Big size manual toilet
- Separate shower with Plexiglas door :
 - 1 shower column with soap holder
 - 1 shower head holder
 - 1 hot/cold mixer tap
- 1 opening deck hatch with dorade box (442x442mm)
- 1 opening hull porthole (347x171mm)
- 1 fixe hull window in PMMA

STARBOARD HULL

AFT CABIN

- 1 double bed with front access 2,00m x 1,60 m
- 2 under bed drawers
- 1 nightstand on headboard
- 1 high cupboard with wardrobe – inboard side
- 1 low cupboard with shelves – outboard side
- 1 opening deck hatch with dorade box (442x442mm)
- 1 opening hull porthole (347x171mm)
- 1 opening hull porthole on the aft of the cabin (347x171mm)
- 1 fixe hull window in PMMA

SHARED BATHROOM

- Composite countertop
- Washbassin with hot/cold mixer tap
- 1 high cupboard doors with mirror
- 1 towel holder
- Big size manual toilet
- Separate shower with Plexiglas door :
 - 1 shower column with soap holder
 - 1 shower head holder
 - 1 hot/cold mixer tap

- 2 opening deck hatches (260x260mm)

FORWARD CABIN

- 1 double bed with front access 2,00m x 1,60 m x 0,94 m
- 2 under bed drawers
- Nightstand on headboard and outboard side
- 1 high cupboard with wardrobe – outboard side
- 1 opening deck hatch with dorade box (442x442mm)
- 1 opening hull porthole (347x171mm)
- 1 fixe hull window in PMMA

4 CABINS, 2 BATHROOMS



version premium 4 cabines / 4 cabin premium version

SALON

- Large panoramic view salon
- Aluminum sliding door and window with locker for the access to the cockpit, can be locked open or closed
- 6 people varnished salon table exchangeable with the polyester table from the cockpit
- « L » bench on starboard
- Double berth in the salon (option)
- 2 lockers under the bench
- 3 opening hatches on the front windows (304x156mm)

CHART TABLE

- Instrumentation console with panel to install the electronics
- 1 sliding seat with storage
- Desk with flaps
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GALLEY

- « L » shape galley on portside
- Grey compact countertop with wooden strips
- Double large s/s sink with hot/cold mixer tap
- Cupboard under sink with waste bin behind of the door
- 3 burners stove and enameled gas oven
- 1 cutlery drawer
- 130L refrigerator 12V
- 1 high cupboard with 3 doors with flaps
- 1 cupboard with shelves (2^{ème} fridge or freezer in option)
- 1 high cupboard on starboard
- Storage drawers unit (dishwasher option)

PORTSIDE HULL

AFT CABIN

- 1 double bed with front access 2,00m x 1,60 m
- 2 under bed drawers
- 1 nightstand on headboard
- 1 high cupboard with wardrobe – inboard side
- 1 low cupboard with shelves – outboard side
- 1 opening deck hatch with dorade box (442x442mm)
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- 1 opening hull porthole on the aft of the cabin (347x171mm)
- 1 fixe hull window in PMMA

SHARED BATHROOM

- Composite countertop
- Washbassin with hot/cold mixer tap
- 1 high cupboard 1 door with mirror
- 1 towel holder
- Big size manual toilet
- Separate shower with Plexiglas door :
 - 1 shower column with soap holder
 - 1 shower head holder
 - 1 hot/cold mixer tap
- 2 opening deck hatches (260x260mm)

FORWARD CABIN

- 1 double bed with front access 2,00m x 1,60 m x 0,94 m
- 2 under bed drawers
- Nightstand on headboard and outboard side
- 1 high cupboard with wardrobe – outboard side
- 1 opening deck hatch with dorade box (442x442mm)
- 1 opening hull porthole (347x171mm)
- 1 fixe hull window in PMMA

STARBOARD SIDE

Identical to the portside hull

4 CABINS, 4 BATHROOMS



version premium 4 cabines 4 sdb - 4 cabin 4 head premium version

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STARBOARD SIDE

Identical to the portside hull



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