

# SABA 50

## SABA 50 GRAND LARGE Descriptions

### General Specifications :

Length overall: ..... 14.98 m  
 Beam overall. : ..... 7.99 m  
 Draught: ..... 1.25 m

Light weight displacement: ..... 15700 kg approx

Sail area:  
 Genoa: ..... 57.5 m<sup>2</sup>  
 Main sail: ..... 83.5 m<sup>2</sup>

Engines: ..... 2 x 55HP

Tank capacity:  
 Fresh water: ..... 700 l (approx.)  
 Fuel: ..... 2 X 470 l (approx.)

Boat certified CE: category A: 14people, category B : 14people, category C : 24 people,  
 category D : 30people

Architecte naval / Naval architect.....Berret-Racoupeau yacht design  
 Design intérieur / Interior design.....Isabelle Racoupeau  
 Constructeur / Builder.....FONTAINE PAJOT

**SUMMARY**

**A INTERIOR LAYOUT**

**A-1 General characteristics :**

**A-2 Saloon Layout:**

**A-2-1** Saloon

**A-2-2** Galley

**A-2-3** Chart table

**A-3 Interior Layout: « QUINTET » version**

**A-3-1** Starbord hull : 2 double cabins + 2 bathrooms + crew cabin with bathroom

**A-3-1.1** Companionway

**A-3-1.2** Aft cabin

**A-3-1.3** Fore & aft bathrooms

**A-3-1.4** Crew cabin

**A-3-1.5** Crew bathroom

**A-3-1.6** Fore cabin

**A-3-1.7** Forepeak

**A-3-2** Port hull : 3 double cabins + 3 bathrooms

**A-3-2.1** Companionway

**A-3-2.2** Aft cabin

**A-3-2.3** Middle & aft cabins bathrooms

**A-3-2.4** Middle cabin

**A-3-2.5** Fore cabin

**A-3-2.6** Fore cabin bathroom

**A-3-2.7** Fore peak

**A-4 Interior Layout: « MAESTRO » version**

**A-4-1** Starbord hull : 2 double cabins + 2 bathrooms

**A-4-1.1** Companionway

**A-4-1.2** Aft cabin

**A-4-1.3** Fore & aft cabins bathrooms

**A-4-1.4** Fore cabin

**A-4-1.5** Fore peak

**A-4-2** Port hull : 1 owner's suite + 1 double cabin + bathroom

**A-4-2.1** Companionway

**A-4-2.2** Owner's cabin –Sleeping area

**A-4-2.3** Owner's cabin – Office area

**A-4-2.4** Owner's cabin - Bathroom

**A-4-2.5** Fore cabin

**A-4-2.6** Fore cabin bathroom

**A-4-2.7** Fore peak

**B Deck Layout**

- B-1 Helm station
- B-2 Lounge deck
- B-3 Cockpit
- B-4 Fore-deck saloon
- B-5 Engine holds

**C MOTORIZATION :**

- C-1 Engines & Equipments
- C-2 Fuel system

**D PLUMBING :**

- D-1 Fresh water system
- D-2 Grey water and black water
- D-3 Bilge system

**E ELECTRICITY / ELECTRONICS :**

- E-1 Power circuit
- E-2 12V Electrical Distribution Panel
- E-3 Electronics

**F RIGGING & SAILS:**

- F-1 Mast & Boom:
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**G DECK FITTINGS :**

- G-1 Helm station
- G-2 Steering system
- G-3 Other equipments

**H CONSTRUCTION**

- H-1 Construction materials and precesses

## A Interior Layout

### A-1 General characteristics:

- Alpi woodworking
- Salon / Cabins flooring : Timber-laid floor
- Lining on rotproof glass felt
- Seat cushions
- Polyether foam mattresses

### A-2 Saloon Layout:

#### A-2-1 Saloon

- **Accessible via a single-leaf sliding door with carpeted entrance**
- Panoramic view through picture windows
- Natural lighting via 2 plexiglass ceiling panels with blinds
- 1 veneered table
- 6 places bench seat
- Large storage boxes under the bench
- Ventilation via to 2 large front opening hatches
- Main lighting system by 5 spotlights
- Multifunction radio switches

#### A-2-2 Galley:

- Galley opened to the outside thanks to a sliding bay
- Ventilation via 1 opening hatch above gas stove
- Resin worktop
- Twin stainless-steel sinks
- 1 top accessed trash can, bags removed through separate door
- Pressurized hot and cold freshwater system from mixer tap
- 1 x 4 burner stove with pan holder
- 1 stainless gas oven
- 2 large cupboards under the sinks accommodating a dishwasher (optionally)
- Front closet that can accommodate a maximum volume of 130L/34gals in refrigeration mode or 90L/24gals in conservation mode
- 1 cutlery drawer, 2 drawer for pots & pans
- 190L cold storage volume (12V) in central "island" kitchen unit
- 1 large storage cupboard on the starboard side of the entrance
- 3 storage spaces underneath the floor
- 4 spotlights

#### A-2-3 Chart Table:

- Wooden chart table and storage with flap cover
- Navigation instrument console unit
- 12V Electric panel
- One 12V electric outlet
- Lighting via 1 spotlight & 1 reading lamp for the chart table

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**A-3 Interior Layout: « QUINTET » version:**

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5 double cabins & 5 independent bathrooms, 1 crew cabin with bathroom

**A-3-1 Starboard hull: 2 double cabins + 2 bathrooms + crew cabin with bathroom****A-3-1.1 Companionway**

A companionway behind the saloon gives access to the starboard hull

- Wooden staircase on stainless steel silt
- Lighting via 2 spotlights
- Multifunction radio switch

**A-3-1.2 Aft Cabin :**

- Access from the companionway via a wooden door
- Queen-size Island Bed (1,60x2,00 m approx)
- Drawer below the bed with frontal access
- Bedside shelves
- Wardrobe
- Cupboard with shelves in it
- Ventilation via a deck hatch + 1 porthole overlooking the rear deck
- Rear panoramic window
- Large picture-window on hull side
- Curtains to all windows
- Main lighting via 2 spotlights & 2 berth lights
- Multifunction radio switches
- 1 Bedside two-way switch
- Clothes hooks
- Lining covered ceilings

**A-3-1.3 Fore & aft bathrooms :**

- Access via wooden door
- Washbasin with worktop
- Mirror with shelf
- Hot and cold freshwater mixer
- Shower separated via a Plexiglas panel
- Electric drainage pump for grey water
- Thermostatic shower tap
- Large manual marine toilet
- Storage closet with shelves under the worktop
- Clothes hooks
- Ventilation via 1 deck hatch
- Lighting via 2 spotlights

**A-3-1.4 Crew cabin**

- Access from the companionway via a wooden door
- Double bed (1.30m\*2m)
- Hanging closet in the companionway
- Storage room below the bed
- Lighting via 2 spotlights + berth light
- Controlled Mechanical Ventilation in the cabin
- Shelves cabinet

**A-3-1.5 Crew bathroom**

- Access from the companionway via a wooden door
- Worktop & washbasin with mixer tap
- Mirror
- Shower with electric drainage pump
- Large manual marine toilet
- Clothes hooks
- Ventilation thanks to 1 deck hatch
- 1 spotlight

**A-3-1.6 Fore cabin :**

- Access from the companionway via a wooden door
- Queen-size Island Bed/ Double bed (1,60x2,00 m approx)
- Drawer below the bed with frontal access
- Wardrobe
- Cupboard with shelves in it
- Ventilation thanks to a deck hatch + 1 porthole
- Large picture-window on hull side
- Curtains to all windows and doors
- Main lighting via 2 spotlights & 2 berth lights
- Multifunction radio switches
- 1 Bedside two-way switch
- Clothes hooks
- Lining covered ceilings

**A-3-1.7 Fore peak :**

- Access from the forward bathroom or the deck hatch
- Fully-painted, gel-coat finish
- Buoyancy reserve under half-height shelf

**A-3-2 Port hull : 3 double cabins + 3 bathrooms****A-3-2.1 Companionway**

A Companionway gives access to the starboard hull from the fore port side of the saloon.

- Wooden staircase with stainless steel stair stringer
- 1 spotlight

**A-3-2.2 Aft cabin :**

- Access from the cockpit though Plexiglas door including keylock
- King-size bed (1,50x2,00 approx.)
- Drawer below the bed with frontal access
- Wardrobe
- Cupboard with shelves
- Ventilation via one deck hatch
- Large picture-window on hull side
- Curtains to all openings

- Lining covered ceilings
- Main lighting via 2 spotlights & 2 berth lights
- Multifunction radio switches
- 1 Bedside two-way switch
- Clothes hook
- Lining covered ceilings

#### **A-3-2.3 Aft and central bathrooms :**

- Access via wooden door
- Washbasin with worktop
- Mirror with shelf
- Hot and cold freshwater mixer
- Shower curtain
- Electric drainage pump for greywater
- Thermostatic shower tap
- Large manual marine toilet
- Storage closet with shelves under the worktop
- Clothes hooks
- Ventilation thanks to 1 deck hatch
- Lighting via 2 spotlights

#### **A-3-2.4 Central cabin :**

- Access from the companionway via a wooden door
- Queen-size bed (1,50x2,00 approx.)
- Drawer below the bed with frontal access
- Wardrobe
- Ventilation thanks to a deck hatch
- Large picture-window on hull side
- Curtains to all windows and doors
- Main lighting via 2 spotlights & 2 berth lights
- Multifunction radio switches
- 1 Bedside two-way switch
- Clothes hook
- Lining covered ceilings

#### **A-3-2.5 Fore Cabin :**

- Access from the companionway via a wooden door
- Queen-size Island Bed (1,60x2,00 m approx)
- Drawer below the bed with frontal access
- Wardrobe
- Ventilation thanks to a deck hatch & 1 porthole
- Large picture-window on hull side
- Curtains to all windows and doors
- Main lighting via 2 spotlights & 2 berth lights
- Multifunction radio switches
- 1 Bedside two-way switch
- Clothes hook
- Lining covered ceilings

**A-3-2.6 Fore bathroom :**

- Access via wooden door
- Washbasin with worktop
- Mirror with shelf
- Hot and cold freshwater system from mixer tap
- Shower separated via a Plexiglas panel
- Electric drainage pump for greywater
- Thermostatic shower tap
- Large manual marine toilet
- Storage closet with shelves under the worktop
- Clothes hooks
- Ventilation thanks to 1 deck hatch
- Lighting via 2 spotlights

**A-3-2.7 Forepeak :**

- Access from the forward bathroom or the deck hatch
- Fully-painted, gel-coat finish
- Buoyancy reserve under half-height shelf



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**A-4 Interior Layout: « MAESTRO » Version:**

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1 Owner's suite + 1 double cabin to port & 2 double cabins to starboard

**A-4-1 Starboard hull: 2 double cabins + 2 bathrooms****A-4-1.1 Companionway**

A companionway located aft of the saloon on port side gives access to the starboard hull

- Wooden staircase with stainless steel stringer
- Lighting via 2 spotlights
- 2 large closets with shelves in the companionway
- Lining covered ceilings

**A-4-1.2 Aft Cabin:**

- Access from the companionway via a wooden door
- Queen-size Island Bed (1,60x2,00 m approx)
- Drawer below the bed with frontal access
- Bedside shelves
- Wardrobe
- Cupboard with shelves in it
- Ventilation via a deck hatch + 1 porthole overlooking the rear deck
- Rear panoramic window
- Large picture-window on hull side
- Curtains to all windows
- Main lighting via 2 spotlights & 2 berth lights
- Multifunction radio switches
- 1 Bedside two-way switch
- Clothes hooks
- Lining covered ceilings

**A-4-1.3 Aft & Fore bathrooms:**

- Access via wooden door
- Washbasin with worktop
- Mirror with shelf
- Hot and cold freshwater mixer
- Shower separated via a Plexiglas panel
- Electric drainage pump for grey water
- Thermostatic shower tap
- Large manual marine toilet
- Storage closet with shelves under the worktop
- Clothes hooks
- Ventilation via 1 deck hatch
- Lighting via 2 spotlights

**A-4-1.4 Fore cabin :**

- Access from the companionway via a wooden door
- Queen-size Island Bed/ Double bed (1,60x2,00 m approx)
- Drawer below the bed with frontal access
- Wardrobe

- Cupboard with shelves in it
- Ventilation thanks to a deck hatch + 1 porthole
- Large picture-window on hull side
- Curtains to all windows and doors
- Main lighting via 2 spotlights & 2 berth lights
- Multifunction radio switches
- 1 Bedside two-way switch
- Clothes hooks
- Lining covered ceilings

#### **A-4-1.5 Fore peak :**

- Access from the forward bathroom or the deck hatch(optional)
- Fully-painted, gel-coat finish
- Buoyancy reserve under half-height shelf

### **A-4-2 Port hull : 1 Owner's suite + 1 double cabin & bathroom**

#### **A-4-2.1 Companionway**

A companionway on forward port side of the saloon gives access to the port hull

- Wooden staircase on stainless steel stringer
- Multifunction radio switches
- 1 spotlight

Access to the Owner's cabin through a wooden door from the companionway

#### **A-4-2.2 Owner's cabin –Sleeping area**

- Queen-size Island Bed(1,60x2,00 m approx)
- Drawer below the bed with frontal access
- Bedside shelves
- Wardrobe
- Cupboard with shelves in it
- Ventilation thanks to a deck hatch + 1 porthole overlooking the rear deck
- Rear panoramic window
- Large picture-window on hull side
- Curtains to all windows and doors
- Main lighting via 2 spotlights & 2 berth lights
- Multifunction radio switch
- 1 Bedside two-way switch
- Clothes hooks
- Storage compartment under the berth

#### **A-4-2.3 Owner's cabin – Office area :**

- Desk with storage cabinet
- 1 seat
- Storage cabinet below the desk
- Large storage furniture : hanging closet & cupboard
- Library wall niche
- Main lighting via 3 spotlights & 1 berth light
- Ventilation via 1 deck hatch

- Lining covered ceilings

#### **A-4-2.4 Owner's cabin - Bathroom :**

- Washbasin with worktop
- Mirror with shelf
- Ventilation via 1 deck hatch
- Separate toilet accessed through wooden door
- Toilet ventilation via a deck hatch
- Hot and cold freshwater system from mixer tap
- Shower separated via a Plexiglas panel
- Electric drainage pump for greywater
- Thermostatic shower tap
- Large manual marine toilet
- Storage closet with shelves under the worktop
- Clothes hooks
- Ventilation thanks to 1 deck hatch
- Lighting via 3 spotlights

#### **A-4-2.5 Fore cabin :**

- Access from the companionway via a wooden door
- Queen-size Island Bed/ Double bed (1,60x2,00 m approx)
- Drawer below the bed with frontal access
- Wardrobe
- Ventilation thanks to a deck hatch & 1 porthole
- Large picture-window on hull side
- Curtains to all windows and doors
- Main lighting via 2 spotlights & 2 berth lights
- Multifunction radio switch
- 1 Bedside two-way switch
- Clothes hook
- Lining covered ceilings

#### **A-4-2.6 Fore bathroom :**

- Access via wooden door
- Washbasin with worktop
- Mirror with shelf
- Hot and cold freshwater system from mixer tap
- Shower separated via a Plexiglas panel
- Electric drainage pump for greywater
- Thermostatic shower tap
- Large manual marine toilet
- Storage closet with shelves under the worktop
- Clothes hooks
- Ventilation thanks to 1 deck hatch
- Lighting via 2 spotlights

#### **A-4-2.7 Forepeak :**

- Access from the forward bathroom or the deck hatch(optional)
- Fully-painted, gel-coat finish
- Buoyancy reserve under half-height shelf

## B Deck Layout

### B-1 Helm station:

- Access through staircase from the cockpit
- Triple helmsman seat
- Instrument console
- 360° view / All-round visibility
- Access to the Lounge deck through staircase

### B-2 Lounge deck:

- Access via staircase from wheelhouse
- Available area for solarium and mattresses
- Surface : 13 m<sup>2</sup>
- Visibility 360°
- Lounge with large sofa
- Meridienne sofa on port side
- Stowage locker on starboard side

### B-3 Cockpit:

- Large cockpit: 19m<sup>2</sup>, Circulation without threshold towards the saloon.
- Access via the transom platforms
- Transom platform with swimming ladder (starboard) & handrail
- 1 cold shower in the starboard platform
- GRP Bimini protecting all the cockpit
- 8 seats sofa around the table
- 1 Teck cockpit table with a capacity of 8 places (10 places in option)
- Serving hatch to the galley via sliding bay
- 1 Large storage area under the sofa
- 1 fainting sofa with large storage locker
- 1 Transom sofa with large storage locker
- 2 Sunbeds
- 1 Gas chest for 2 bottles
- Space for the liferaft under the stairs leading to helm station
- Space on starboard side for a cockpit 75L fridge
- Additionnal ventilation and lighting via 1 deck hatch
- Lighting via 2 waterproof spotlights
- Space available for a barbecue on starboard side aft of the cockpit

### B-4 Fore-deck saloon:

- Easy access to anchor locker and freshwater tanks via 2 Large hatches
- Relaxation area with U-shaped sunbed (cushions optionnal)

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**B-5 Engine holds:**

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- Access via polyester deck hatch installed on stainless steel gas cylinders
- Sound proofing
- Neon lighting

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**C MOTORIZATION**

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**C-1 Engines & Equipments:**

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- 2 Saildrive Volvo engine D2- 55CV
- 3 Blades fixed propeller
- Salt water filters
- Engine cooled via heat exchanger
- Complete engine panel and dual controls at helm station
- Hour meter

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**C-1 Fuel System:**

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- 1 Fuel tank 470L in each hull - fuel filling on both side decks including backflow protection device
- 2 Electric fuel gauge (indicator at chart table)
- 1 Fuel pre-filter / water separator + 1 engine fuel filter / engine
- Fuel shut-off valves

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**D PLUMBING**

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**D-1 Freshwater:**

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- 2 Freshwater tanks in the technical locker at mast step (700L total capacity) with:
  - 1 Electric gauge at chart table
  - 1 Electric pump and pressure accumulator
  - 1 Mixed water heater 60l in port hull
- Available space for an additional water heater in the starboard hull

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**D-2 Grey water and black water:**

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- Shower drainage via individual shower pump (automatic pump-out).
- holding tanks

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**D-3 Bilging system:**

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- 1 electric bilge pump (2m<sup>3</sup>/h) in each engine room
- 1 electric bilge pump (2m<sup>3</sup>/h) in each hull
- 1 manual exterior bilge pump

**E****ELECTRICITY / ELECTRONIC****E-1** *Power circuit:*

- 2 x 115A/12V engine alternators
- 1 set starboard onboard/engine batteries of 600A/h (4 x 150 Ah)
- 1 port engine battery of 50A/h/ 800CCA
- 1 automatic back-up link and 1 Manual back-up link

**E-2** *12V Electrical Distribution Panel:*

- General 12V distribution panel at chart table protected via circuit breakers
- Voltmeter for onboard batteries
- Spare sockets for extra equipment
- All accommodation lightings LED
- All LED lighting functions monitored by multiplexing system

**E-2** *Electronic:*

- 1 V.H.F mast head antenna

**F****RIGGING & SAILS****F-1** *Mast & Boom:*

- Mast and boom in anodized aluminum
- Complete standing rigging
- Ball bearing mainsail luff cars
- 1 tackle on mainsail halyard
- 1 topping lift
- 3 reef lines
- 1 genoa halyard
- 1 spinnaker halyard
- Lazy-jack
- Clutches on all halyards for genoa, spinnaker and topping lift
- Clutches on reef lines at boom fore end
- 2 flag halyards
- Navigation, running and mooring lights
- Deck lighting

**F-2** *Sails:*

- Full batten CSR mainsail
- Roller genoa furler
- Genoa with UV band

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## DECK FITTINGS

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**G-1 Helm station:**

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- 1 mainsheet tackle led aft to coach roof
- 1 clutch for mainsail sheet
- 1 clutch for mainsail halyard
- 3 clutches for the reef lines
- 1 size 50 self tailing winch for mainsail sheet
- 1 size 50 self tailing winch for mainsail halyard and reef lines
- 1 size 55 self tailing winch for genoa sheet
- 1 Ball bearing mainsheet traveler
- 2 tackles on mainsheet traveler clutches with back on roof
- 2 genoa tracks with load block
- 2 genoa sheets
- 1 halyard storage bag

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**G-2 Steering System**

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- 2 foam sandwich rudders on stainless steel rudder stock
- Hydraulic steering system with manual pump and 1 cylinder (starboard side)
- Rudders linked mechanically by stock arm + transversal tube
- Aluminium sterntubes
- Self lining upper and lower rudderstock bearings
- Emergency tiller

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**G-3 Other Equipments**

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- 1 steering compass
- 3 winch handles with their 3 pockets
- Pulpit and pushpit, stanchions with upper and lower guardrails
- Pulpits with bow pulpit seats
- Access to transom
- 2 x tender davits with 1 x size 46 winch on port side
- 7 mooring cleats ( 2 foredeck + 2 middle + 2 astern + 1 in anchor well)
- Protection for both transom
- 6 fenders
- 2 x 50 ft long mooring lines
- 1 x 1500W electric windlass with circuit breaker protection
- Anchor fairlead under bridge deck with built-in bridle
- 1 roller on forward beam
- Net on forward beam
- 1 kit of spare parts
- 1 12V socket

## H

## CONSTRUCTION

## H-1 Construction materials and processes

- Hull and deck are build using infusion process with high quality anti osmotic polyester resin on balsa core
- E glass fiberglass skins
- RTM/Injection molding on PET core for the bimini
- Infusion molding on PVC core for the structural bulkheads
- Grey topcoated bilges
- White gelcoat deck with built in anti skid surface
- GRP keels bonded into keel boxes, anti flooding system in case of going aground

*All dimensions are given as a rough guide only.*