

# SAMANA 59

Samana 59 GRAND LARGE Inventory (MAESTRO and CHARTER versions)

## General Specifications :

Length of hull..... 17.94 m  
 Overall length with bowsprit ..... 18.21 m  
 Beam overall : ..... 9.46 m  
 Draught:..... 1.40 m  
 Lightweight displacement ..... 27000 kg (approx.)

Sail area:

- Genoa: ..... 87 m<sup>2</sup> (approx.)
- Main sail: ..... 116 m<sup>2</sup> (approx.)

Engines:..... 2 x 110 HP

Tank capacity:

Freshwater: ..... 1,150 l (approx.)  
 Diesel:..... 1 200 l (approx.)

Boat certified CE:    Category A: 16 pax, Cat B : 16 pax, Cat C : 24 pax, Cat D : 30 pax.

**Naval Architect : ..... BERRET RACOUPEAU YACHT DESIGN**

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## A Interior layouts

### A-1 General characteristics:

- Alpi woodworking
- Interior sole :
- parquet style flooring
- Lining covered ceiling ceilings

### A-2 Hull layout

2 layout options for the starboard hull: 6-cabin version or owner version layout (Maestro)  
2 layout options for the port hull: layout with 3 guest cabins or  
layout with galley, aft crew cabin and fore guest cabin.

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#### A-2-1 - STARBOARD hull - 6-cabin version

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3 guest cabins and 1 fore peak that can be laid out

Access to CHARTER starboard hull by 1 companionway in the saloon and 1 companionway in the cockpit.

#### **A-2-1-1 Aft cabin :**

- Access via a wooden door from the aft companionway
- "Queen Size" Island Bed (1,60 x 2,00 m approx) with slatted base and side access
- Bedside cabinet
- Drawer and storage space under the bed
- Cupboards and wardrobe
- Mirror inserted in the bulkhead
- Large picture-window on hull side with blind
- Ventilation via a deck hatch + 1 porthole
- Blind and flyscreen on the deck hatch
- Main lighting via LED spotlights & 2 berth lights
- Lining covered ceilings

#### **A-2-1-2 Aft bathroom:**

- Private access from the aft cabin by wooden door
- Synthetic resin washbasin surface with washbasin to be installed
- Top cabinet with Mirror
- Manual marine toilet
- Bathroom accessories
- Ventilation by 1 porthole
- Lighting by waterproof LED spotlights
- Cupboard under washbasin
- Clothes hook

**A-2-1-3 Shower cabin :**

- Access through clear altuglass door
- Automatic grey water evacuation
- Thermostat mixing valve tap for shower

**A-2-1-4 Middle cabin:**

- Access via a wooden door from the interior companionway
- "Queen Size" Island Bed (1,60 x 2,00 m approx) with slatted base and side access
- 2 bedside cabinets
- Drawer Storage under the bed
- Cupboards and wardrobe
- Large picture-window on hull side with blind
- Ventilation via a deck hatch + 1 porthole
- Blind and flyscreen on the deck hatch
- Mirror inserted in the bulkhead
- Main lighting via LED spotlights & 2 berth lights

**A-2-1-5 Middle bathroom:**

- Private access from the cabin
- Synthetic resin washbasin surface with washbasin to be installed
- Top cabinet with Mirror
- Shower with separation
- Automatic grey water evacuation
- Thermostat mixing valve tap for shower
- Manual marine toilet
- Bathroom accessories
- Ventilation via 1 deck hatch
- Lighting by waterproof LED spotlights
- Cupboards under washbasin
- Clothes hooks

**A-2-1-6 Saloon companionway:**

- Staircase with wooden steps
- Lighting via LED spotlights

**A-2-1-7 Fore cabin:**

- Access via a wooden door from the companionway
- "Queen Size" Island Bed (1,60 x 2,00 m approx) with slatted base and side access
- 2 bedside cabinets
- Drawer and storage space under the bed
- Cupboards and wardrobe
- Ventilation via a deck hatch + 1 porthole
- Large picture-window on hull side with blind
- Mirror insert the bulkhead
- Ventilation via a deck hatch + 1 porthole

- Blind and flyscreen on the deck hatch
- Main lighting via LED spotlights & 2 berth lights

**A-2-1-8 Fore bathroom:**

- Private access from the forward cabin
- Synthetic resin washbasin surface with washbasin to be installed
- Top cabinet with Mirror
- Shower with separation
- Automatic grey water evacuation
- Thermostat mixing valve tap for shower
- Manual marine toilet
- Bathroom accessories
- Ventilation via 1 deck hatch
- Lighting by waterproof LED spotlights
- Cupboard under washbasin
- Clothes hooks

**A-2-1-9 Fore peak:**

- Fore peak that can be laid out accessible through large deck hatch

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**A-2-2 - STARBOARD hull - Maestro version**

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1 Maestro, 1 fore cabin and 1 fore peak that can be laid out
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The starboard hull is served by a central access from the saloon and 1 companionway in the cockpit

Access to the Owner's suite from the companionway through a wooden door and from the aft cockpit by an external companionway.

**A-2-2-1 Owner's suite - Dressing area and bathroom**

- Large wardrobe
- 3-drawer chest
- Synthetic resin washbasin surface with washbasin to be installed
- Storage closet with shelves under the worktop
- Ventilation via 1 deck hatch
- Separate toilet accessed through wooden door
- Blinds and flyscreens on the deck hatch
- Bathroom accessories
- Shower cabin with sliding altuglass door
- Thermostat mixing valve tap for shower
- Automatic grey water evacuation
- Lighting by waterproof LED spotlights
- 1 shaver socket
- 2 clothes hooks

**A-2-2-2 Owner's suite – Sleeping area**

- "Queen Size" Island Bed (1,60 x 2,00 m approx) with slatted base and side access
- 2 bedside cabinets
- Cabinet for TV
- Library unit
- Sofa
- Large picture-window on hull side with blind
- Ventilation via a deck hatch + 1 porthole
- Blinds and flyscreens on the deck hatch
- Lining covered ceilings
- Main lighting via LED spotlights & 2 berth lights
- Clothes hook

**A-2-2-3 Owner's suite – Office area**

- Desk with storage cabinet and leaf
- 1 seat
- Main lighting via LED spotlights & 1 berth light
- Lining covered ceilings

**A-2-2-4 Saloon companionway:**

- Staircase with wooden steps
- Lighting via LED spotlights
- Storage space or room for 2 domestic appliance options

**A-2-2-5 Fore cabin:**

- Access via a wooden door from the companionway
- "Queen Size" Island Bed (1,60 x 2,00 m approx) with slatted base and side access
- 2 bedside cabinets
- Drawer and storage space under the bed
- Cupboards and wardrobe
- Large picture-window on hull side with blind
- Ventilation via a deck hatch + 1 porthole
- Blinds and flyscreens on the deck hatch
- Mirror inserted in the bulkhead
- Main lighting via LED spotlights & 2 berth lights
- Lining covered ceilings

**A-2-2-6 Fore bathroom:**

- Private access from the forward cabin
- Synthetic resin washbasin surface with washbasin to be installed
- Top cabinet with Mirror
- Shower with separation

- Automatic grey water evacuation
- Thermostat mixing valve tap for shower
- Manual marine toilet
- Bathroom accessories
- Ventilation via 1 deck hatch
- Lighting by waterproof LED spotlights
- Cupboard under washbasin
- Clothes hooks

**A-2-2-7 Fore peak:**

- Fore peak that can be laid out accessible through large deck hatch

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**A-2-3 - PORT HULL GALLEY UP Option (OPT061 3501)**

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3 guest cabins and 1 fore peak that can be laid out

Access to port hull by 1 saloon companionway and 1 companionway in the cockpit

**A-2-3-1 Aft cabin :**

- Access via cockpit aft companionway
- "Queen Size" Island Bed (1,60 x 2,00 m approx) with slatted base and side access
- Bedside cabinet
- Drawer and storage space under the bed
- Cupboards and wardrobe
- Large picture-window on hull side with blind
- Ventilation via a deck hatch + 1 porthole
- Blinds and flyscreens on the deck hatch
- Mirror inserted the bulkhead
- Main lighting via LED spotlights & 2 berth lights
- Lining covered ceilings

**A-2-3-2 Aft bathroom:**

- Private access from the aft cabin by wooden door
- Synthetic resin washbasin surface with washbasin to be installed
- Top cabinet with Mirror
- Manual marine toilet
- Bathroom accessories
- Ventilation by 1 porthole
- Lighting by waterproof LED spotlights
- Cupboard under washbasin
- Clothes hook

**A-2-3-3 Shower cabin :**

- Access through clear altuglass door
- Automatic grey water evacuation
- Thermostat mixing valve tap for shower

**A-2-3-4 Middle cabin:**

- Access via a wooden door from the interior companionway
- "Queen Size" Island Bed (1,60 x 2,00 m approx) with slatted base and side access
- 2 bedside cabinets
- Drawer and storage space under the bed
- Cupboards and wardrobe
- Large picture-window on hull side with blind
- Ventilation via a deck hatch + 1 porthole
- Blinds and flyscreens on the deck hatch
- Main lighting via LED spotlights & 2 berth lights

**A-2-3-5 Middle bathroom:**

- Private access from the cabin
- Synthetic resin washbasin surface with washbasin to be installed
- Top cabinet with Mirror
- Shower with separation
- Automatic grey water evacuation
- Thermostat mixing valve tap for shower
- Manual marine toilet
- Bathroom accessories
- Ventilation via 1 deck hatch
- Lighting by waterproof LED spotlights
- Cupboards under washbasin
- Clothes hooks

**A-2-3-6 Saloon companionway:**

- Staircase with wooden steps
- Lighting via LED spotlights

**A-2-3-7 Fore cabin:**

- Access via a wooden door from the companionway
- "Queen Size" Island Bed (1,60 x 2,00 m approx) with slatted base and side access
- 2 bedside cabinets
- Drawer and storage space under the bed
- Cupboards and wardrobe
- Ventilation via a deck hatch + 1 porthole
- Large picture-window on hull side with blind
- Ventilation via a deck hatch + 1 porthole
- Mirror inserted the bulkhead

- Blind and flyscreen on the deck hatch
- Main lighting via LED spotlights & 2 berth lights

**A-2-3-8 Fore bathroom:**

- Private access from the forward cabin
- Synthetic resin washbasin surface with washbasin to be installed
- Top cabinet with Mirror
- Shower with separation
- Automatic grey water evacuation
- Thermostat mixing valve tap for shower
- Manual marine toilet
- Bathroom accessories
- Ventilation via 1 deck hatch
- Lighting by waterproof LED spotlights
- Cupboard under washbasin
- Clothes hooks

**A-2-3-9 Fore peak:**

- Fore peak that can be laid out accessible through large deck hatch

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**A-2-4 - A-2-3 - PORT HULL GALLEY DOWN Option (OPT061 3502)**

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1 galley, 1 crew cabin, 1 guest cabin and 1 fore peak that can be laid out
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Access to port hull by 1 saloon companionway and 1 companionway in the cockpit  
Movement from aft to fore through communicating doors

**A-2-4-1 Aft cabin:**

- Access via cockpit aft companionway
- Cabin with bunk beds with slatted bases
- Storage unit
- Cupboards and wardrobe
- Large picture-window on hull side with blind
- Ventilation via a deck hatch + 1 porthole
- Blinds and flyscreens on the deck hatch
- Main lighting via LED spotlights & 2 berth lights
- Lining covered ceilings
- Wooden communicating door to the galley

**A-2-4-2 Aft bathroom:**

- Private access from the aft cabin by wooden door
- Synthetic resin washbasin surface with washbasin to be installed
- Top cabinet with Mirror
- Manual marine toilet

- Bathroom accessories
- Ventilation by 1 porthole
- Lighting by waterproof LED spotlights
- Cupboard under washbasin
- Clothes hook

#### **A-2-4-3 Shower cabin :**

- Access from the cabin by clear altuglass door
- Automatic grey water evacuation
- Thermostat mixing valve tap for shower
- Clothes hook

#### **A-2-4-4 Galley:**

- Access from the saloon companionway with sliding door or from the aft cabin
- Large synthetic resin worktop
- Double stainless steel sink
- 1 pivoting bin
- Hot and cold pressurized water by thermostat mixer
- 1 hob gas 5 burners
- 1 gas stainless steel oven
- Fridge : 340 l (total)
- Freezer : 185 l (total)
- Suction hood
- Space for a 12 place setting dishwasher
- Space for a multi-function oven
- Lighting via LED spotlights
- Large picture-window on side
- Ventilation via a deck hatch + 1 porthole
- Blinds and flyscreens on the deck hatch
- Numerous cupboards and storage spaces
- Access door to aft cabin bunk beds

#### **A-2-4-5 Saloon companionway:**

- Wooden staircase on stainless steel rails
- Lighting via LED spotlights
- Storage space or room for 2 domestic appliance options

**A-2-4-6 Fore cabin:**

- Access via a wooden door from the saloon companionway
- "Queen Size" Island Bed (1,60 x 2,00 m approx) with slatted base and side access
- 2 bedside cabinets
- Drawer and storage space under the bed
- Cupboards and wardrobe
- Ventilation via a deck hatch + 1 porthole
- Large picture-window on hull side with blind
- Mirror inserted the bulkhead
- Ventilation via a deck hatch + 1 porthole
- Blind and flyscreen on the deck hatch
- Main lighting via LED spotlights & 2 berth lights

**A-2-4-7 Fore bathroom:**

- Private access from the forward cabin
- Synthetic resin washbasin surface with washbasin to be installed
- Top cabinet with Mirror
- Shower with separation
- Automatic grey water evacuation
- Thermostat mixing valve tap for shower
- Manual marine toilet
- Bathroom accessories
- Ventilation via 1 deck hatch
- Lighting by waterproof LED spotlights
- Cupboard under washbasin
- Clothes hooks

**A-2-4-8 Fore peak:**

- Fore peak that can be laid out accessible through large deck hatch

## **A-3 Saloon Layout:**

### **A-3-1 – General characteristics**

- Saloon access through 3 sliding doors
- Front door for access to fore cockpit
- Panoramic view through picture windows and aft facing portholes
- 1 companionway to each hull

### **A-3-2 – Saloon – GALLEY UP Option (OPT061 3501)**

Port galley area, starboard dining / saloon area, bar area and chart table

#### **A-3-2-1 Galley area:**

- Galley with large synthetic resin working top
- Double stainless steel sink
- 1 bin
- Hot and cold pressurized water by thermostat mixer
- 1 hob gas 5 burners
- 1 gas stainless steel oven
- 1 hood
- Storage cupboards
- Space for a 12 place setting dishwasher
- Space for a multi-function oven
- Lighting via LED spotlights
- Fridge = 190 l in central island
- Freezer = 90 l
- Central island with resin worktop + storage or space for optional domestic appliance

#### **A-3-2-2 Dining / saloon area:**

- 1 coffee table
- 1 L-shaped sofa and facing foot stools
- Storage volume above the sofa
- TV on lift integrated into the ceiling (optional)
- Lighting by numerous embedded LED spotlights
- Storage or hi-fi unit

#### **A-3-2-3 Chart table area:**

- Wooden chart table
- Console for electrical panel and navigational instruments
- Navigation seat
- Lighting by reading light
- Cupboards

**A-3-2-4 Bar area:**

- Large synthetic resin worktop
- Single sink
- Cupboard for bottles
- Space allowed for wine cooler

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**A-3-3 - SALOON GALLEY DOWN Option (OPT061 3502)**

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Port saloon area, starboard dining area, bar area, chart table
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**A-3-3-1 Dining area (port side)**

- 1 high table
- 1 sofa
- Chairs facing each other
- Lighting by numerous embedded LED spotlights

**A-3-3-2 Saloon area (starboard side)**

- 1 coffee table
- 1 L-shaped sofa and foot stools
- Storage volume behind the sofa
- TV on lift integrated into the ceiling (optional)
- Lighting by numerous embedded LED spotlights
- Storage or hi-fi unit

**A-3-3-3 Chart table area:**

- Wooden chart table
- Console for electrical panel and navigational instruments
- Navigation seat
- Nav station reading light
- Cupboards

**A-3-3-4 Bar area:**

- Large synthetic resin worktop
- Single sink
- Cupboard for bottles
- Space allowed for wine cooler

## **B Deck layout**

### **B-1 Flying bridge**

- Area: 21 m<sup>2</sup>
- Access from the cockpit through teak and stainless steel staircase
- Polyester hopper with PMMA closure panel
- Central helm station with 2 seats with instrument console.
- Engine controls and dashboard on ergonomic helm console. Visibility 360°
- Centralised Manoeuvring station with 4 winches (for mainsail, genoa sheet , reefing lines etc.)
- Sheets and halyards bags on port and starboard
- Starboard, space for galley unit
- Port, saloon area for 8 people with table
- 2 double sun beds to the rear with central access
- Free surface( 4m<sup>2</sup>) at the rear for solar panel option
- 2 storage units

### **B-2 Aft cockpit**

- Large cockpit on same level as the saloon
- Access via the transom platforms
- GRP Bimini protecting all the cockpit
- Aft, 4 seats transom sofa with 1 large storage locker
- Starboard, 1 large chaise longue
- Port, 1 large L-shaped sofa with 1 storage locker
- Teak 12-seat central table
- 1 starboard aft unit with space for 65L cockpit fridge option and plancha option
- Space for Icemaker option to the front of the cockpit on the starboard side
- 1 gas unit under port sofa
- 1 locker under cockpit floor
- 2 side windscreens
- Lighting via spotlights

### **B-3 Fore cockpit**

- Cockpit on the same level as the saloon (direct access from the owner's cabin).
- U-shaped sofa
- 2 storage lockers under the sofa
- Anchor locker with access by cover
- Access to the front span by polyester staircase

**B-4 Aft technical holds**

- Accessed through deck hatch on jack and aluminium ladder
- 1 socket in each hold
- Neon lighting
- Direct access to the main engines
- Engine compartments with sound insulation

## C Motorisation

### C-1 Engines and equipment:

- 2 x 110 hp diesel engines
- High-resistance stainless steel direct transmission shafts
- V-shaped shaft bearing bracket
- 2 three-blade fixed propellers
- Mechanical ventilation for the engines and engine room
- Complete control panels and dual engine controls at helm station

### C-2 Port or Starboard diesel circuit

- 2 x 600 l diesel tanks with direct filling by plug-hole on the deck
- Electrical gauge with indicator at chart table
- Complete control panels and dual engine controls at helm station
- Diesel shut-off valves
- Diesel water separator pre-filter

## D Plumbing

### D-1 Fresh water circuit

- 1150L freshwater tank (under saloon floor) with electric gauge (indicator at chart table)
- Electric pump and pressure accumulator
- Dockside intake for direct connection to fresh water supply
- 2 x 60 L water heater

### D-2 Drying circuit

- 1 electrical bilge pump in each engine room
- 1 independent electrical bilge pump in each hull
- 4 x automatic starting for bilge pumps with audible and visual alarm at the chart table
- 1 manual exterior bilge pump

### D-3 Grey water and black water circuit

- Grey water control with automatic pumps
- 1 central holding tank for black water
- Volume available under the saloon for 1150L grey water tank

## **E** Electricity / electronics

### **E-1 Power circuit**

- One 12V port engine 12V + one 12V starboard engine battery
- 2 engine alternators 12V recharging these 2 engine batteries
- Back-up manual connection between both sets of engine batteries
- 1 set of 24V – 600 Ah service batteries under the chart table
- Two 24V engine alternators recharging the set of service batteries

### **E-2 24V distribution**

- Multiplexed distribution of 24V functions
- Chart table function control on navigation screens
- Main functions backed up on backup screen
- Monitoring: for tanks, batteries and alarm management
- Spare sockets for extra equipment

## **F** Rigging and sails

### **F-1 Mast and boom**

- Anodized aluminium mast and boom
- Full standing rigging with cutter stay
- Electric genoa furler
- Electric staysail furler (optional)
- 1 mainsail halyard
- 1 genoa halyard
- 1 spinnaker halyard
- 1 topping lift
- 3 reef lines
- 2 lazy-jacks
- 2 flag halyards
- Mainsail halyard led back the helm station
- Reef lines led back to the helm station
- Jammers on all halyards, reef lines and topping lift
- Engine, sailing and mooring lights

### **F-2 Sails**

- Fully-battened mainsail, 3 reef lines and ball bearing traveller
- Genoa on electrical roller fuller with remote control at helm station

## **G Deck fittings**

### **G-1 Helm station**

- Deck gear centralized at the helm station
- Electrical self tailing winch for mainsail halyard
- Electrical Line driver for mainsheet traveler
- 1 self tailing winch for mainsail sheet and genoa roller fuller
- 2 self tailing winch for genoa sheets
- 1 mainsheet tackle
- 1 jammer for mainsheet
- 1 Ball bearing mainsheet traveler
- 2 x traveler trimming tackle on jammers

### **G-2 Other equipment**

- helm station: hydraulic system with leather covered steering wheel helm, hand pump, 2 jacks
- 1 emergency tiller
- 1 steering compass
- 3 winch handles + 3 pockets
- 2300W / 24V windlass and stainless steel anchor roller
- Pushpits and pulpits, stanchions with upper and lower guardrails
- 2 pulpits with Swedish seatings
- 2 Teak battened aft transom lower platform
- 1 swim ladder + 1 hot / cold water shower in the starboard transom
- 6 mooring cleats ( 2 foredeck + 2 middle + 2 on aft bulwark) + 2 on the inner side of the transoms (option)

## **H Construction**

### **H-1 Construction materials and process**

- Hulls manufactured according to a polyester resin and high quality anti osmotic resin (hull) process on a balsa core with light grey gelcoat
- Fibre glass skins
- Structural bulkheads (balsa sandwich, PVC or PET foam) by infusion and carbon reinforcements for mast bulkhead
- Light grey painted bilges
- Deck and flybridge manufactured according to a polyester resin and high quality anti osmotic resin on a PVC core, white gelcoat with integrated non-slip
- GRP keels bonded into keel boxes, anti flooding system in case of going aground

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