

# NEW 41

New 41 GRAND LARGE Descriptions

## General Specifications :

Length overall: ..... 12.1 m  
 Beam overall: ..... 6.915 m  
 Draught: ..... 1.34 m

Light weight displacement: ..... 12700kg

Sail area:

Genoa: ..... 35 m<sup>2</sup>  
 Main sail: ..... 65 m<sup>2</sup>

Engines: ..... 2 x 20HP

Tank capacity:

Fresh water: ..... 2 x 300 l (approx.)  
 Fuel: ..... 350 l (approx.)

Boat certified CE:

category A: 8 people, category B: 12 people, category C: 15 people, category D: 20 people

**Architecte naval / Naval architect**.....BERRET-RACOUPEAU yacht design  
**Design intérieur / Interior design**.....Isabelle RACOUPEAU  
**Constructeur / Builder**.....FONTAINE PAJOT

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## A Interior Layout

### A-1 General characteristics:

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

### A-2 Saloon Layout:

#### A-2-1 Saloon

- Saloon accessible via 1 triple-leaf sliding door with carpeted entrance
- Panoramic view through picture windows
- Natural lighting through 2 glass ceiling bay
- 1 coffee table with storage
- 6 places bench seat
- 1 place bench seat
- Storage boxes under the bench
- Ventilation through 1 large front window
- Main lighting system by LED spotlights

#### A-2-2 Galley:

- Galley opened to the outside via a sliding bay
- Worktop
- 1 stainless-steel sinks
- Pressurized hot and cold freshwater system from mixer faucet
- 1 large cupboards under the sinks
- 1 x 3 burner stove with pan holder
- 1 pan cupboard and 1 cupboard under the burner can accommodate a 1 gas oven (optionally)
- 1 cupboard on the worktop can accommodate a microwave (optionally)
- 1 storage behind the burner stove
- A central island with 2 storage cupboards, 1 drawer, and 1 rubbish bin accessed vertically, bags evacuated by independent door.
- Central island that can accommodate a maximum volume of 65L in conservation mode (option)
- 1 cupboard under the worktop
- Storage on worktop with drawer
- 144L cold storage volume (12V)
- 1 storage spaces underneath the floor
- Lighting via LED spotlights
- Multifunction radio switch

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

- High navigation instrument console above the cold storage

- One 12V electric outlet
- Lighting via LED spotlight

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### **A-3 Interior Layout: « QUATUOR » version:**

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4 cabins + 4 independent bathrooms / 2 bathrooms

#### **A-3-1 Starboard hull: 2 double cabins + 2 bathrooms / 1 bathroom**

##### **A-3-1.1 Companionway**

A companionway behind the saloon gives access to the starboard hull

- Open on the saloon
- Wooden staircase
- 1 cupboard
- A Electrical 12V panel

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

- Access from the companionway via a wooden door
- Queen-size Island Bed (1,50x2,00 m approx)
- Drawer below the bed with frontal access
- Bedside shelves
- Storage above the bed
- Wardrobe
- Ventilation via a deck hatch + and 1 hull porthole
- Rear panoramic window
- Large picture-window on hull side
- Curtains to all windows
- 2 x Clothes hooks
- Main lighting via 2 LED spotlights & 2 berth lights
- Multifunction radio switch

##### **A-3-1.3 Fore & aft bathrooms: (layout 2 bathrooms)**

- Access via wooden door
- Washbasin with worktop and mirror
- Hot and cold freshwater system from mixer faucet
- Shower with Electric drainage pump
- Large manual marine toilet
- Clothes hooks
- Storage closet with shelves under the worktop
- Ventilation via 1 deck hatch
- Lighting via LED spotlights
- Multifunction radio switch

##### **A-3-1.4 Central bathroom: (Layout 1 bathroom)**

- Access via wooden door
- Washbasin with worktop and mirror
- Hot and cold freshwater system from mixer faucet
- Shower separated via a Plexiglas panel

- Electric drainage pump
- Shower with Electric drainage pump
- Large manual marine toilet
- Clothes hooks
- Ventilation via 1 deck hatch
- Lighting via LED spotlights
- Multifunction radio switch

### **A-3-1.5 Fore cabin:**

- Access by the wooden door in the passageway
- Double bed (1,40 x 2 m approx.)
- 1 drawer under the bed with front access
- 1 Wardrobe
- Storage above the bed
- 2 Coat hook
- Ventilation via 1 hull porthole + deck hatch
- Large picture-window on hull side
- Curtains over all the openings
- General lighting by 2 LED spotlight and 2 bedside reading lights
- Multifunction radio switch

### **A-3-1.6 Fore peak:**

- Access from a deck hatch
- Fully-painted, gel-coat finish
- Buoyancy reserve under half-height shelf

## **A-3-2 Starboard hull: 2 double cabins + 2 bathrooms / 1 bathroom**

### **A-3-2.1 Companionway**

A companionway behind the saloon gives access to the starboard hull

- Wooden staircase
- 1 cupboard

### **A-3-2.2 Aft Cabin:**

- Access from the companionway via a wooden door
- Queen-size Island Bed (1,50x2,00 m approx)
- Drawer below the bed with frontal access
- Bedside shelves
- Storage above the bed
- Wardrobe
- Ventilation via a deck hatch + and 1 hull porthole
- Rear panoramic window
- Large picture-window on hull side
- Curtains to all windows
- 2 x Clothes hooks
- Main lighting via 2 LED spotlights & 2 berth lights
- Multifunction radio switch

**A-3-2.3 Fore & aft bathrooms: (Layout 2 bathrooms)**

- Access via wooden door
- Washbasin with worktop and mirror
- Hot and cold freshwater system from mixer faucet
- Shower with Electric drainage pump
- Large manual marine toilet
- Clothes hooks
- Storage closet with shelves under the worktop
- Ventilation via 1 deck hatch
- Lighting via LED spotlights
- Multifunction radio switch

**A-3-2.4 Central bathroom: (Layout 1 bathroom)**

- Access via wooden door
- Washbasin with worktop and mirror
- Hot and cold freshwater system from mixer faucet
- Shower separated via a Plexiglas panel
- Electric drainage pump
- Shower with Electric drainage pump
- Large manual marine toilet
- Clothes hooks
- Ventilation via 1 deck hatch
- Lighting via LED spotlights
- Multifunction radio switch

**A-3-2.5 Fore cabin:**

- Access by the wooden door in the passageway
- Double bed (1,40 x 2 m approx.)
- 1 drawer under the bed with front access
- 1 Wardrobe
- Storage above the bed
- 2 Coat hook
- Ventilation via 1 hull porthole + deck hatch
- Large picture-window on hull side
- Curtains over all the openings
- General lighting by 2 LED spotlight and 2 bedside reading lights
- Multifunction radio switch

**A-3-2.6 Fore peak:**

- Access from a 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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**A-4-1 Starboard hull: 2 double cabins + 2 bathrooms / 1 bathroom****A-4-2 Port hull: 1 Owner's suite**

Access to the Owner's cabin through a wooden sliding door

**A-4-2.1 Owner's cabin –Sleeping area**

- Queen-size Island Bed (1,50x2,00 m approx)
- Drawer below the bed with frontal access
- Bedside shelves
- Ventilation thanks to a deck hatch and 1 hull porthole
- Rear panoramic window
- Large picture-window on hull side
- Curtains to all windows and doors
- Main lighting via 2 LED spotlights & 2 berth lights
- 2 Clothes hooks
- Multifunction radio switch

**A-4-2.2 Owner's cabin – Office area :**

- Desk with storage cabinet
- 1 seat
- Storage cabinet below the desk
- Large storage furniture: hanging closet, cupboard and wardrobe
- Library wall niche
- Main lighting via LED spotlights & 1 berth light
- Ventilation via 1 deck hatch
- Lining covered ceilings

**A-4-2.3 Owner's cabin - Bathroom :**

- Washbasin with worktop
- Mirror with shelf
- Hot and cold freshwater system from mixer faucet
- 1 large storage cupboard with shelves and hanging cupboard
- Storage closet with shelves under the worktop
- Ventilation via 1 deck hatch and 1 hull porthole
- Shower separated via a Plexiglas panel
- Mixing valve tap for shower
- Electric drainage pump for greywater
- Lighting via LED spotlights
- Clothes hooks
- Multifunction radio switch

**A-4-2.4 Independent WC**

- Manual W.C.
- 1 large storage cupboard with shelves can accommodate a 3 kg lave linge gas oven (optionally)
- Lighting by LED spotlight



- Multifunction radio switch

#### **A-4-2.5 Forepeak:**

- Access from a deck hatch
- Fully-painted, gel-coat finish
- Buoyancy reserve under half-height shelf

## B Deck Layout

### B-1 Helm station:

- Access through staircase from the cockpit
- Twin 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
- Visibility 360°
- Lounge with large sofa (optional)

### B-3 Cockpit:

- Large cockpit: Circulation without threshold towards the saloon.
- Access via the transom platforms
- Transom platform with swimming ladder & handrail
- 1 cold shower in the 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
- 1 Gas chest for 2 bottles
- Space on starboard side for a cockpit 75L fridge
- Additional ventilation and lighting via 1 deck hatch
- Lighting via 4 waterproof spotlights
- Space available for a barbecue on starboard side aft of the cockpit

### B-4 Fore-deck saloon:

- 1 Large chest giving access to windlass and anchor as well as water tanks
- Large waterproof locker on portside with space for generator as well as watermaker
- Relaxation area with U-shaped sunbed (cushions optional)

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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 20CV
- 2 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-2 Fuel System:**

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- 1 Fuel tank including backflow protection device
- 1 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 with 1 Electric gauge.
- 1 Electric pump and pressure accumulator
- 1 Mixed water heater 24L

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

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

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**D-3 Bilging system:**

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- Bilge pumps directly powered with 12V by the service unit
- 1 electric bilge pump (4 m<sup>3</sup>/h) in each engine room
- 1 electric bilge pump (4m<sup>3</sup>/h) in each hull
- 4 x automatic starting for bilge pumps with audible and visual alarm at the chart table
- 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 in the starboard companionway
- Voltmeter for onboard batteries
- Spare sockets for extra equipment

**E-3 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 pennants
- Automatic reef N°1
- 1 genoa halyard
- 1 spinnaker halyard
- Lazy-jack
- Clutches on all halyards for genoa
- 2 flag halyards
- Navigation, running and mooring lights
- Deck lighting

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**F-2 Sails:**

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

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**G 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 the mainsail halyard
- 1 clutch for the spinnaker halyard
- 1 clutch for the topping line halyard
- 3 clutch for the reef lines
- 1 size 45 self tailing winch for mainsail sheet
- 1 size 50 self tailing winch for mainsail halyard and reef lines
- 1 size 50 self tailing winch for genoa sheet
- 1 Ball bearing mainsheet traveler
- 2 x tackle on mainsheet traveler clutches with back on roof
- 2 x 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
- steering system by cable
- Aluminum stern tubes
- 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 2 pockets
- Pulpit and pushpit, stanchions with upper and lower guardrails
- Pulpits with bow pulpit seats
- Access to transom
- 2 x tender davits (100kg per davits)
- 1 x bathing ladder
- 7 mooring cleats (2 foredeck + 2 middle + 2 astern + 1 in anchor well)
- 6 fenders
- 2 x 50 ft long mooring lines

- 1 x 1000W 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

## H CONSTRUCTION

### H-1 Construction materials and process

- Hulls and decks are build using an infusion process with polyester resin on a balsa core, PET foam, or PVC foam
- High quality anti osmotic resin used for hulls
- Fibre glass skins
- Bimini RTM process on PET foam
- Infusion moulding on balsa, PVC and PET core for the structural bulkheads
- Grey topcoated bilges.
- Hull finished in white gel-coat.
- White gel-coat 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.***