

NEW 45

New 45 GRAND LARGE Descriptions

General Specifications :

Length overall: 13.45 m
 Beam overall: 7.55 m
 Draught: 1.25 m

Light weight displacement: 13450kg approx

Sail area:
 Genoa: 48 m²
 Main sail: 74 m²

Engines: 2 x 40HP

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

Boat certified CE:
 category A: 12 people, category B: 12 people, category C: 18 people, category D: 22 people

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

A INTERIOR LAYOUT

A-1 General :

A-2 Saloon layout :

- A-2-1 Saloon
- A-2-2 Galley
- A-2-3 Chart table

A-3 Aménagement de coque : Version « QUATUOR»

- A-3-1 Starboard hull : 2 double cabins + 2 bathroom
 - A-3-1.1 Companionway
 - A-3-1.2 Aft cabin
 - A-3-1.3 Fore and aft bathrooms
 - A-3-1.4 Fore cabin
 - A-3-1.5 Fore peak
- A-3-2 Port hull : 2 double cabins + 2 bathroom
 - A-3-2.1 companionway
 - A-3-2.2 Aft cabin
 - A-3-2.3 Aft bathroom
 - A-3-2.4 Central cabin
 - A-3-2.5 Central bathroom
 - A-3-2.6 Fore cabin
 - A-3-2.7 Fore bathroom
 - A-3-2.8 Fore peak

A-4 Aménagement de coque : Version « MAESTRO »

- A-4-1 Starboard hull : 2 double cabins + 2 bathroom
 - A-4-1.1 Companionway
 - A-4-1.2 Aft cabin
 - A-4-1.3 Fore and aft bathrooms
 - A-4-1.4 Fore cabin
 - A-4-1.5 Fore peak
- A-4-2 Port hull : 1 owner's suite
 - A-4-2.1 Sleeping area
 - A-4-2.2 Office area
 - A-4-2.3 Bathroom
 - A-4-2.4 Independent WC
 - A-4-2.5 Fore peak

B	DECK layout :
B-1	<u>Helm station</u>
B-2	<u>Lounge deck</u>
B-3	<u>Cockpit</u>
B-4	<u>Fore deck saloon</u>
B-5	<u>Engine holds</u>
C	MOTORIZATION :
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G	DECK FITTINGS
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G-3	<u>Other Equipments</u>

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 double-leaf sliding door with carpeted entrance
- Panoramic view through picture windows
- Natural lighting Through 2 glass ceiling bay
- 1 coffee table
- 6 places bench seat
- Large 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
- Ventilation via 1 opening hatch above stove top
- Worktop
- Twin stainless-steel sinks
- Pressurized hot and cold freshwater system from mixer faucet
- 1 x 3 burner stove with pan holder
- 1 stainless gas oven
- 190L cold storage volume (12V) on the starboard side
- 1 large cupboards under the sinks accommodating a dishwasher (optionally)
- 1 large cupboard beside the thinks that can accommodate a maximum volume of 130L/34gals in refrigeration mode or 90L/24gals in conservation mode
- 1 storage behind the burner stove
- 3 cupboards and 3 drawers under the burner stove
- 1 dustbin by vertical access, evacuation of bags by independent door
- 1 drawers and 1 cupboards on the font side that can accommodate a microwave
- 1 storage spaces underneath the floor
- LED spotlights

A-2-3 Chart Table:

- High navigation instrument console above the cold storage
- Chart table and storage with flap cover
- 12V Electric panel

- One 12V electric outlet
- Lighting via LED spotlight & 1 reading lamp for the chart table

A-3 Interior Layout: « QUATUOR » version:

4 cabins & 4 independent bathrooms.

A-3-1 Starboard hull: 2 double cabins + 2 bathrooms

A-3-1.1 Companionway

A companionway behind the saloon gives access to the starboard hull

- Open on the saloon
- Wooden staircase

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 + and 1 hull porthole
- Rear panoramic window
- Large picture-window on hull side
- Curtains to all windows
- Main lighting via LED spotlights & 2 berth lights
- 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 system from mixer faucet
- Shower separated via a Plexiglas panel
- Electric drainage pump
- Mixing valve tap for shower
- Large manual marine toilet
- Storage closet with shelves under the worktop
- Clothes hooks
- Ventilation via 1 deck hatch
- Lighting via LED spotlights

A-3-1.4 Fore cabin:

- Access by the wooden door in the passageway
- Double bed (1,55 x 2 m approx.)

- 1 drawer under the bed with front access
- 1 hanging cupboard
- 1 shelving on side of bed
- 1 Coat hook
- Ventilation via 1 hull porthole + deck hatch
- Large picture-window on hull side
- Curtains over all the openings
- General lighting by 1 LED spotlight and 2 bedside reading lights
- Lining covered ceilings

A-3-1.5 Fore peak:

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

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

A-3-2.1 Companionway

A companionway behind the saloon gives access to the starboard hull

- Wooden staircase
- Lighting via LED spotlights

A-3-2.2 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 + and 1 hull porthole
- Rear panoramic window
- Large picture-window on hull side
- Curtains to all windows
- Main lighting via LED spotlights & 2 berth lights
- Clothes hooks
- Lining covered ceilings

A-3-2.3 Fore & aft bathrooms:

- Access via wooden door
- Washbasin with worktop
- Mirror with shelf
- Hot and cold freshwater system from mixer faucet
- Shower separated via a Plexiglas panel
- Electric drainage pump
- Mixing valve tap for shower
- Large manual marine toilet
- Storage closet with shelves under the worktop
- Clothes hooks

- Ventilation via 1 deck hatch
- Lighting via LED spotlights

A-3-2.4 Fore cabin:

- Access by the wooden door in the passageway
- Double bed (1,55 x 2 m approx.)
- 1 drawer under the bed with front access
- 1 hanging cupboard
- 1 shelving on side of bed
- 1 Coat hook
- Ventilation via 1 hull porthole + deck hatch
- Large picture-window on hull side
- Curtains over all the openings
- General lighting by LED spotlight and 2 bedside reading lights
- Lining covered ceilings

A-3-2.5 Fore peak:

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

A-4 Interior Layout: « MAESTRO » Version:

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

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

A-4-1.1 Companionway

A companionway behind the saloon gives access to the starboard hull

- Open on the saloon
- Wooden staircase

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 + and 1 hull porthole
- Rear panoramic window
- Large picture-window on hull side
- Curtains to all windows
- Main lighting via LED spotlights & 2 berth lights
- Clothes hooks
- Lining covered ceilings

A-4-1.3 Fore & aft bathrooms:

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

A-4-1.4 Fore cabin:

- Access by the wooden door in the passageway
- Double bed (1,55 x 2 m approx.)
- 1 drawer under the bed with front access
- 1 hanging cupboard
- 1 shelving on side of bed
- 1 Coat hook
- Ventilation via 1 hull porthole + deck hatch

- Large picture-window on hull side
- Curtains over all the openings
- General lighting by LED spotlight and 2 bedside reading lights
- Lining covered ceilings

A-4-1.5 Fore peak:

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

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 (1,60x2,00 m approx)
- Drawer below the bed with frontal access
- Bedside shelves
- Cupboard with shelves in it
- 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 LED spotlights & 2 berth lights
- 1 Bedside two-way switch
- Clothes hooks

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

A-4-2.4 Independent WC

- Access from the bathroom
- Manual W.C.
- Toilet roll bracket
- Ventilation by 1 deck hatch
- Lighting by LED spotlight

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
- 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
- Visibility 360°
- Lounge with large sofa

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)

B-5 Engine holds:

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

C MOTORIZATION

C-1 Engines & Equipments:

- 2 Saildrive Volvo engine D2- 40CV
- 3 Blades fixed propeller
- Salt water filters
- Engine cooled via heat exchanger
- Complete engine panel and dual controls at helm station
- Hour meter

C-2 Fuel System:

- 1 Fuel tank 470L in port hull - fuel filling on both side decks 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

D PLUMBING

D-1 Freshwater:

- 2 Freshwater tanks in the technical compartment at bow (700L total capacity) with
- 1 Electric gauge at chart table
- 1 Electric pump and pressure accumulator
- 1 Mixed water heater 40l in starboard hull
- Available space for an additional water heater 40l in the port hull

D-2 Grey water and black water:

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

D-3 Bilging system:

- 1 electric bilge pump (4m³/h) in each engine room
- 1 electric bilge pump (4m³/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

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:

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

G**DECK FITTINGS**

G-1 Helm station:

- 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 50 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

G-2 Steering System

- 2 foam sandwich rudders on stainless steel rudder stock
- steering system by cable
- Rudders linked mechanically by stock arm + transversal tube
- Aluminum stern tubes
- Self lining upper and lower rudderstock bearings
- Emergency tiller

G-3 Other Equipments

- 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 with 1 x size 46 winch on port side

- 7 mooring cleats (2 foredeck + 2 middle + 2 astern + 1 in anchor well)
- 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

All dimensions are given as a rough guide only.