

FP 44

FP 44 GRAND LARGE Descriptions

General Specifications :

Length overall: 13.26 m
 Beam overall: 7.44 m
 Draught: 1.57 m

Light weight displacement: 14 400kg

Sail area:

Genoa: 45 m²
 Main sail: 75.5 m²

Engines: 2 x 30HP

Tank capacity:

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

Boat certified CE:

category A: 10 people, category B: 12 people, category C: 18 people, category D: 20 people

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:

A-1-1 Generality:

A-2 Saloon layout:

A-2-1 Saloon

A-2-2 Galley

A-2-3 Chart table

A-3 Hull layout « QUATUOR »

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

A-3-2.1 companionway

A-3-2.2 Aft cabin

A-3-2.3 Fore and aft bathrooms

A-3-2.4 Fore cabin

A-3-2.5 Fore peak

A-4 Aménagement de coque : Version « MAESTRO »

A-4-1 Starboard hull: 2 double cabins + 2 bathooms / 1 bathroom

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 Companionway

A-4-2.5 Independent WC

A-4-2.6 Fore cabine

A-4-2.7 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:
C-1	<u>Engine and Equipments</u>
C-2	<u>Fuel system</u>
D	PLUMBING:
D-1	<u>Freshwater</u>
D-2	<u>Grey water and black water</u>
D-3	<u>Bilging system</u>
E	ELECTRICITY / ELECTRONIC
E-1	<u>Power circuit</u>
E-2	<u>12V Electrical distribution panel</u>
E-3	<u>Electronic</u>
F	RIGGING AND SAIL:
F-1	<u>Mast and boom</u>
F-2	<u>Sails</u>
G	DECK FITTINGS
G-1	<u>Helm station</u>
G-2	<u>Steering system</u>
G-3	<u>Other Equipments</u>
H	CONSTRUCTION
H-1	<u>Construction materials and process</u>

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 bays
- 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 in synthetic resin
- 1 stainless-steel sinks
- Pressurized hot and cold freshwater system from mixer faucet
- 1 large cupboard under the sink
- 1 x 3 burner stove with pan holder
- 1 oven under the burner stove
- 1 cupboard on the worktop can accommodate a microwave (optionally) with open storage underneath
- 1 cupboard and 1 storage that can receive bottles 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 90L in conservation mode (option)
- 1 cupboard under the worktop
- Storage on worktop with two drawers
- 190L 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
- 12V electric outlet

- Lighting via LED spotlight

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
- 1 cupboard
- An Electrical 12V panel

A-3-1.2 Aft Cabin:

- Access from the companionway via a wooden door
- Queen-size Island Bed (1,60 x 2,00 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 Clothes hooks
- Main lighting via 2 LED spotlights & 2 berth lights
- Multifunction radio switch

A-3-1.3 Fore & aft bathrooms

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

A-3-1.4 Fore cabin:

- Access by the wooden door in the passageway
- Double bed (1,50 x 2 m approx.)
- 1 drawer under the bed with front access
- 1 Wardrobe
- Storage above the bed

- 2 Coat hooks
- 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-3-1.5 Fore peak:

- Access from a deck hatch and the fore cabin
- Fully painted, gelcoat finished
- Buoyancy reserve under half-height shelf

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

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 (1,60 x 2,00 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 Clothes hooks
- Main lighting via 2 LED spotlights & 2 berth lights
- Multifunction radio switch

A-3-2.3 Fore & aft bathrooms:

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

A-3-2.4 Fore cabin:

- Access by the wooden door in the passageway
- Double bed (1,50 x 2 m approx.)
- 1 drawer under the bed with front access
- 1 Wardrobe
- Storage above the bed
- 2 Coat hooks
- 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-3-2.5 Fore peak:

- Access from a deck hatch
- Fully painted, gelcoat finished
- Buoyancy reserve under half-height shelf

A-4 Interior Layout: « MAESTRO » Version:

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 with mirror

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
- 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 or wardrobe (option)
- 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 door.
- 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

- Access via wooden door from the companionway
- Manual W.C.
- Toilet roll bracket
- Lighting by LED spotlight

- Multifunction radio switch

A-4-2.5 companionway

- Large storage cupboard with shelves
- Lighting by LED spotlight
- Multifunction radio switch

A-3-2.6 Fore cabin:

- Access by the wooden door in the passageway
- 1 Child bed
- Large storage cupboard with shelves and storage boxes
- Ventilation and access via deck hatch
- Picture-window on hull side
- Lighting by spot LED
- Multifunction radio switch

A-4-2.7 Forepeak:

- Access from a deck hatch
- Fully painted, gelcoat finished
- 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 a wheelhouse
- Available area for solarium and mattresses
- Visibility 360°
- Lounge with large sofa (optional)

B-3 Cockpit:

- Large cockpit: Circulation without a threshold towards the saloon.
- Access via the transom platforms
- Transom platform with swimming ladder & handrail
- 1 cold shower in the platform on starboard side
- GRP Bimini protecting all the cockpit
- 8-seat 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 Transom sofa with large storage locker
- 1 Gas chest for 2 bottles
- Space on starboard side for a 75L cockpit 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 windlasses and anchor as well as water tanks
- 1 Large chest on starboard giving access to the diesel 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 YANMAR engine 3YM30 30HP
- 2 Blades fixed propeller
- Saltwater filters
- Engine cooled via heat exchanger
- Complete engine panel and dual controls at helm station
- Hour meter

C-2 Fuel System:

- 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

D PLUMBING

D-1 Freshwater:

- 2 Freshwater tanks with 1 Electric gauge.
- 1 Electric pump and pressure accumulator
- 1 Mixed water heater 40L

D-2 Grey water and black water:

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

D-3 Bilging system:

- Bilge pumps directly powered with 12V by the service unit
- 1 electric bilge pump (4 m³/h) in each engine room
- 1 electric bilge pump (4m³/h) in each hull
- 4 automatic starting for bilge pumps with audible and visual alarm in the electrical panel at the starboard companionway

- 1 manual exterior bilge pump

E ELECTRICITY / ELECTRONIC

E-1 Power circuit:

- 2 x 125A/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 at the table card
- 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

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 clutches for the reef lines
- 1 size 46 self tailing winch for mainsail sheet
- 1 size 46 self tailing winch for mainsail halyard and reef lines
- 1 size 46 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
- Hydraulic tiller system with manual pump
- 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 (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 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

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.