

FP 48

FP 48 GRAND LARGE Descriptions

General Specifications:

Length overall: 14.43 m
 Beam overall.: 7.90 m
 Draught:..... 1.64 m

Light weight displacement: 18400 kg approx.

Sail area:

Genoa: 85 m²
 Main sail: 49 m²

Engines:..... 2 x 45HP

Tank capacity:

Fresh water:..... 700 l (approx.)
 Fuel: 2 X 350 l (approx.)

Boat certified CE:
 category A: 12 people, category B: 14 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

SUMMARY

A INTERIOR LAYOUT

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A-1-1 General characteristics:

A-2 Saloon layout:

A-2-1 Saloon

A-2-2 Galley

A-2-3 Chart table

A-3 Hull layout: « QUINTET » Version

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

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: 3 double cabins + 3 bathrooms

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 Hull layout: Version « MAESTRO »

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

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 + 1 double cabin + bathroom

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

A-4-2.2 Owner's cabin - Office area

A-4-2.3 Owner's cabin - Bathroom

A-4-2.4 Independent WC

A-4-2.5 Fore peak

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|----------|---|
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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 triple-leaf sliding door with carpeted entrance
- Panoramic view through picture windows
- Natural lighting via 1 roof glass panels
- 1 veneered table
- 6 places bench seat
- 1 Meridian
- Large storage boxes under the bench
- Ventilation with one large front window
- Main lighting system by LED spotlights
- Empty pocket and storage compartment with flap behind the bench seat
- Multifunction radio switch

A-2-2 Galley:

- Galley opened to the outside thanks to a sliding bay
- Synthesis resin worktop
- 1 stainless steel sink
- Pressurized hot and cold freshwater system from mixer faucet
- 1 stainless steel 3 burner stove with pan holder
- 1 stainless gas oven
- 1 cupboard under the sink
- 1 bottles storage drawer on the side of the oven
- 1 cupboard who can receive 1 dishwasher on top of the worktop + one sliding cupboard
- 1 open storage on the back of the cooktop
- A central island with 3 storage cupboards, 1 rubbish bin with access vertically, bags evacuated by independent door.
- A central island that can accommodate 1 microwave(option)
- 175L cold storage volume with 70L conservation mode
- a cupboard in front + 2 drawers' cupboard on the worktop
- storage spaces underneath the floor
- lighting via LED spotlights
- multifunction radio switch

A-2-3 Chart Table:

- High navigation instrument console on starboard
- Empty pocket
- 12V electric outlet
- Lighting via 1 LED spotlight on the ceiling
- Multifunction radio switch

A-3 Interior Layout: « QUINTET » version:

5 cabins & 5 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

- Wooden staircase
- Open into the saloon
- 1 cupboard that can accommodate a washing machine

A-3-1.2 Aft Cabin:

- Access from the companionway via a wooden door
- Queen-size Island Bed (1,60x2,00 m approx.) with side access
- A storage chest below the bed
- Bedside shelves
- Wardrobe
- Storage closet with shelves and drawers in it + a small storage closet
- 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 2 spotlights & 2 berth lights
- Bedside two-way switch
- Clothes hooks
- Lining covered ceilings
- Multifunction radio switch

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 2 spotlights
- Multifunction radio switch

A-3-1.4 Fore cabin:

- Access from the companionway via a wooden door
- Queen-size Island Bed/ Double bed (1,50x2,00 m approx.)
- a storage chest bed
- Wardrobe
- Storage closet with shelves in it
- Ventilation thanks to a deck hatch + 1 hull porthole
- Large picture-window on hull side
- Curtains to all windows and doors
- Main lighting via LED spotlights & 2 berth lights
- Bedside two-way switch
- Clothes hooks
- Lining covered ceilings
- Multifunction radio switch

A-3-1.5 Fore peak:

- Access from 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

The central & fore cabins are served through a companionway at the front of the saloon

- Wooden staircase
- 1 LED spotlight

A-3-2.2 Aft cabin:

- Access from the cockpit through Plexiglas door including keylock
- Queen-size bed (1,60x2,00 approx.)
- Drawer below the bed with side access
- Wardrobe
- Storage closet with shelves in it
- Ventilation thanks to 1 hull porthole
- Picture-window on hull side
- Curtains to all windows and doors
- Lining covered ceilings
- Main lighting via 2 LED spotlights & 2 berth lights
- Bedside two-way switch

- Clothes hook
- Multifunction radio switch

A-3-2.3 Aft bathroom:

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

A-3-2.4 Central cabin:

- Access from the companionway via a wooden door
- 2 single beds (0.9 x2,00 approx.)
- Storage chest below the bed
- Wardrobe
- Ventilation thanks to 1 deck hatch
- Main lighting via LED spotlights & 2 berth lights
- Clothes hook
- Lining covered ceilings
- Multifunction radio switch

A-3-2.5 Central bathroom:

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

A-3-2.6 Fore Cabin:

- Access from the companionway via a wooden door
- Queen-size Island Bed (1,50x2,00 m approx.) with side access
- A storage chest below the bed
- Wardrobe

- Ventilation thanks to a deck hatch and 1 hull porthole
- Large picture-window on hull side
- Curtains to all windows and doors
- Main lighting via spotlights & 2 berth lights
- One storage closet with shelves inside
- Bedside two-way switch
- Clothes hook
- Lining covered ceilings
- Multifunction radio switch

A-3-2.7 Forward bathroom:

- 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 for greywater
- Mixing valve tap for shower
- Large manual marine toilet
- Storage closet with shelves under the worktop
- Clothes hooks
- Ventilation thanks to 1 deck hatch
- Lighting via LED spotlights
- Multifunction radio switch

A-3-2.8 Forepeak:

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

A-4 Interior Layout: « MAESTRO » Version:

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 behind the saloon gives access to the starboard hull

- Wooden staircase
- Open into the saloon
- 1 cupboard who can receive a washing machine

A-4-1.2 Aft Cabin:

- Access from the companionway via a wooden door
- Queen-size Island Bed (1,60x2,00 m approx.) with side access
- A storage chest below the bed
- Bedside shelves
- Wardrobe
- A large storage closet with shelves and drawers in it + 1 small storage closet
- 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
- Bedside two-way switch
- Clothes hooks
- Lining covered ceilings
- Multifunction radio switch

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 for the grey water
- 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 2 LED spotlights
- Multifunction radio switch

A-4-1.4 Fore cabin:

- Access from the companionway via a wooden door

- Queen-size Island Bed/ Double bed (1,50x2,00 m approx.) with side access
- A storage chest below the bed
- Wardrobe
- Cupboard with shelves in it
- Ventilation thanks to a deck hatch and 1 hull porthole
- Large picture-window on hull side
- Curtains to all windows and doors
- Main lighting via LED spotlights & 2 berth lights
- Bedside two-way switch
- Clothes hooks
- Lining covered ceilings
- Multifunction radio switch

A-4-1.5 Fore peak:

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

A-4-2 Port hull: 1 Owner's suite

The Owner's cabin is accessible from the companionway by a wooden door and from the cockpit through Plexiglas door including keylock

A-4-2.1 Owner's cabin –Sleeping area

- Access from the cockpit through Plexiglas door including keylock
- Queen-size Island Bed (1,60x2,00 m approx.) with side access
- Storage chest below the bed
- Bedside shelves on each side of the bed
- 1 cupboard with 3 drawers and shelves in it
- Ventilation thanks to a deck hatch and 1 hull porthole
- Rear panoramic window
- Large picture-window on hull side
- Curtains on all windows and doors
- Lining covered ceiling
- Main lighting via LED spotlights & 2 berth lights
- Bedside two-way switch
- Clothes hooks
- Multifunctional radio switch

A-4-2.2 Owner's cabin – Office area:

- Desk with storage cabinet
- 1 seat
- Storage cabinet below the desk
- Storage cabinets: drawer and flap
- Library wall niche
- Main lighting via LED spotlights & 1 berth light on the desk

- Ventilation via 1 deck hatch
- Lining covered ceilings
- Multifunctional radio switch

A-4-2.3 Bathroom in the companionway:

- Washbasin with resin worktop
- Mirror with shelf
- Hot and cold freshwater system from mixer faucet
- Storage cupboards with shelves
- Storage closet with shelves under the worktop
- Ventilation via 1 deck hatch and 1 hull porthole
- Shower
- Mixing valve tap for shower
- Electric drainage pump for greywater
- Lighting via LED spotlights
- Clothes hooks
- Multifunctional radio switch

A-4-2.4 Independent WC

- Access by a wooden door from the companionway
- Manual W.C.
- Ventilation by 1 deck hatch
- Lighting by LED spotlight
- Multifunctional radio switch

A-4-2.5 Companionway

- Storage cupboard with shelves - high wardrobe
- Lighting via LED spotlights
- Multifunctional radio switch

A-4-2.6 Fore cabin:

- Access through a wooden door from the companionway
- Storage cupboard with shelves + low storage + a child bed
- Ventilation and access by a deck hatch
- 1 window on hull side
- Lighting via LED spotlights
- Multifunctional radio switch

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 helm station
- Available area for solarium and mattresses
- Visibility 360°
- Lounge area with large sofa

B-3 Cockpit:

- Large cockpit: Circulation without threshold towards the saloon.
- Access via the transom platforms
- Transom platform with swimming ladder (at port) & handrail
- 1 cold shower in the starboard platform
- GRP Bimini protecting all the cockpit
- 8 seats sofa around the table
- 1 Teck cockpit wooden 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 central that can accommodate 2 lift rafts MP10
- 1 fainting sofa on starboard
- 1 Transom sofa with large storage locker
- 1 Gas chest for 2 bottles
- Space on starboard side for a cockpit 75L fridge
- Natural lighting and ventilation by a deck hatch
- Lighting via LED spotlight

B-4 Fore-deck saloon:

- 1 Large chest giving access to anchor davit
- 1 Large chest on starboard giving access to the gas cylinders
- 1 large waterproof chest on port side with space for the generator
- Relaxation area with sunbed (cushions optional)

B-5 Engine holds:

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

C MOTORIZATION

C-1 Engines & Equipment:

- 2 Sail drive YANMAR engine 4JH45 45HP
- 3 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:

- 2 Fuel tanks fuel with deck plate fillers equipped with an overflow prevention device position in each hull 2 x 450L
- 2 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 under the saloon (700L total capacity 2x350L) with 1 Electric gauge at chart table
- 1 Electric pump and pressure accumulator
- 2 x 40l water heaters

D-2 Grey water and black water:

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

D-3 Bilging system:

- Bilge pumps directly powered with 12V by the service unit
- 1 electric bilge pump (4m³/h) in each engine room
- 1 electric bilge pump (4m³/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 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:

- Multiplexed distribution of 12V 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

E-3 Electronic:

- 1 V.H.F mast head antenna
- Connected boat

F RIGGING & SAILS

F-1 Mast & Boom:

- Mast and boom in anodized aluminium
- Complete standing rigging
- Ball bearing mainsail luff cars
- 1 Dyneema tackle on mainsail halyard
- 1 topping lift
- 3 reef pennants
- 1 genoa halyard and clutch
- 1 spinnaker halyard
- Lazy jack
- 2 flag halyards
- Navigation, running and mooring LED 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
- 1 clutch for the topping lift
- 3 clutches for the reef lines
- 1 size 50 self-tailing winch for mainsail halyard and reef lines
- 1 size 60 self-tailing winch for mainsail sheet
- 1 size 60 self-tailing winch for genoa sheet
- 1 Ball bearing mainsheet traveller
- 2 x tackle on mainsheet traveller clutches with back on roof
- 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
- 2 jacks on port and starboard
- Aluminium stern tubes
- Self-lining upper and lower rudderstock bearings
- 1 Emergency tiller

G-3 Other Equipment

- 1 steering compass
- 3 winch handles with their 2 pockets
- Pulpit and push pit, stanchions with upper and lower guardrails
- Pulpits with bow pulpit seats
- Access to transom
- 2 tender davits and kayak bracket with 1 x size 50 winch on port side
- 7 mooring cleats (2 foredeck + 2 middle + 2 astern + 1 in anchor well)
- 6 fenders

- 2 x 15m (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
- Fibre glass skins
- Bimini RTM process on PET foam
- Infusion moulding on balsa, PVC and PET core for the structural bulkheads
- Light grey top coated bilges
- Hull finished in white gelcoat
- 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.