

# Helia 44 Evolution

## HELIA 44 GRAND LARGE DESCRIPTIONS

### General characteristics:

L.O.A. : .....43.5 ft  
Beam. : .....24.3 ft  
Draft: ..... 1.2 m

Lightship displacement: .....10 800 kg approx  
Full load displacement: .....15 700 kg approx

#### Sail area:

Genoa: .....484 sq. ft  
Mainsail: .....753 sq. ft

Engines: .....2 x 40 cv

#### Tank capacities:

Freshwater: .....2 x 375 l (approx.)  
Diesel: .....470 l (approx.)

#### Boat CE certified:

Category A: 12, category B: 12, category C: 18, category D: 22

**Architecte et Designer : BERRET RACCOUPEAU**

## Interior Layout:

### General :

- Woodwork With Alpi
- Saloon / cabin flooring : parquet
- Lining on rot proof glass felt
- Sofa cushions leather style
- Polyeter foam mattresses

## Saloon layout :

### Saloon:

- Saloon access through a sliding Altuglas door – 1 with entrance carpet
- Panoramic view through picture windows and aft-facing porthole
- Natural lighting by 2 roof bay
- 1 wooden table
- 6 places bench seat.
- Large cupboards under bench
- Ventilation via 2 large front-opening hatches
- Principal lighting by spot LED

### Galley :

- Open kitchen to the outside by sliding bay
- Sink work top in synthetic resin
- 2 stainless steel sinks
- Pressurized hot and cold freshwater from mixer faucet
- 1 draining board
- 1 top accessed trash can, bags removed through separate door
- 1 x 3 burner stove with pan holder
- 1 stainless gaz oven
- 1 cutlery drawer
- 3 large cupboards under sinks accommodating dishwasher (option)
- 2 storage cupboards. One of them can receive one fridge (Option)
- 190L cold storage volume
- 1 large cupboard in starboard side of the entry door.
- LED spotlighting
- Ventilation by 1 opening hatch above stove top

### Chart Table :

- Wooden chart table and storage with flap
- High navigation instruments console
- Electric panel 12V
- One 12V electric outlet
- Chart table lighting by reading light

**Interior layout : « QUATUOR » version**

4 double cabins and 4 bathrooms

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*2 double cabins + 2 Bathrooms in each hull*

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**Aft Cabin:**

- Access through wooden door in passageway
- Double bed (1,60x2,00 m approximately.) with lateral access (island bed)
- 1 Drawer under bed with frontal access
- Shelving on side of bed
- 1 hanging closet
- 1 Console with shelves inside
- Ventilation through 1 deck hatch + via 1 porthole overlooking rear deck
- Aft panoramic bay
- Large non-opening outward-facing picture window
- Curtains on all openings
- Main lighting via spotlights LED and 2 bedside reading lights
- Coat hook
- Cupboards storage under bed

**Aft and forward bathrooms:**

- Access through wooden door
- Worktop with sink
- Mirror + shelves
- Hot and cold water by mixer.
- Separate shower with mixer tap with built-in showerhead
- Shower with electrical drainage pump
- Large manual marine toilet.
- Cupboard storage with internal shelves under worktop
- Coat hook
- Ventilation through 1 deck hatch
- 2 spotlights.

**Passageway:**

- 1 cupboard

**Fore cabin:**

- Access through wooden door in passageway
- Double bed (1,60/1,3x 2m approximately.) with lateral access (island bed)
- 1 Drawer under bed with frontal access
- 1 hanging closet
- 1 console with internal shelves.
- 1 shelf above bed
- Ventilation through 1 deck hatch and 1 hull hatch
- 1 escape hatch opening
- Large non-opening outward-facing picture window
- Curtains on all openings
- Main lighting via spotlights LED and 2 bedside reading lights.

- Coat hook
- Cupboards storage under bed

**Fore peak :**

- Access via a wooden door in for cabin.
- Fully-painted, gel-coat finish
- Buoyancy reserve under half-height shelf

## Interior Layout: « MAESTRO » version

Starboard: Access to Owner's suite through wooden sliding door  
Port: 2 doubles cabins + 1 bathroom.

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### *Starboard hull : 1 owner's suite*

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#### **Sleeping space:**

- Double bed (1,60x2,00 m approx.) lateral access (island bed)
- 1 Drawer under bed with frontal access
- Shelving on sides of bed
- Ventilation via 1 deck hatch + 1 porthole overlooking on the rear deck.
- Rear panoramic bay
- Large non-opening outward-facing picture window
- Curtains on all openings.
- Main lighting by spotlights LED and 2 reading lights
- Coat Hook
- Cupboards storage under bed.

#### **Desk area:**

- Wooden writing desk with tray on flap
- 1 Bench
- Large consoles storage : hanging closet and cupboard
- Library area
- Main lighting by spotlights LED and 1 reading light on desk.
- Ventilation via 1 desk hatch

#### **Bathroom area:**

- Washbasin with worktop and mirror
- Hot and cold water by mixer tap and integrated shower unit
- 1 large cupboard with internal shelves
- Bathroom accessories (towel-holder)
- Separate shower with electrical drainage pump
- Ventilation by 1 deck hatch
- Lighting by 2 LED spotlights.
- 1 large storage cupboard with shelves and hanging cupboard which may optionally be fitted with a 3 kg washing machine
- Between-deck ceiling

#### **Independent WC**

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

**Fore peak:**

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

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**Port hull: 2 double cabins + 2 bathrooms**

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**Aft Cabin:**

- Access through wooden door in passageway
- Double bed (1,60x2,00 m approximately.) with lateral access (island bed)
- 1 Drawer under bed with frontal access s
- Shelving on side of bed
- 1 Hanging closet
- 1 Console with internal shelves
- Ventilation through 1 deck hatch + via 1 porthole overlooking rear deck
- Rear panoramic bay
- Large non-opening outward-facing picture window
- Curtains on all openings
- Main lighting via spotlights LED and 2 bedside reading lights
- Coat hook
- Cupboards storage under bed

**Aft and forward bathrooms:**

- Access through wooden door
- Worktop with sink
- Mirror + shelves
- Hot and cold water by mixer.
- Separate shower with mixer tap with built-in showerhead
- Shower with electrical drainage pump
- Large manual marine toilet.
- Cupboard storage with internal shelves under worktop
- Coat hook
- Ventilation through 1 deck hatch
- 2 spotlights.

**Passageway:**

- 1 cupboard

**Fore cabin:**

- Access through wooden door in passageway
- Double bed (1,60/1,10 x 2m approximately.) with lateral access (island bed)
- 1 Drawer under bed with frontal access s
- 1 hanging closet
- 1 console with internal shelves.
- 1 shelf above bed
- Ventilation through 1 deck hatch and 1 hull hatch
- 1 escape hatch opening

- Large non-opening outward-facing picture window
- Curtains on all openings
- Main lighting via spotlights LED and 2 bedside reading lights.
- Coat hook
- Cupboards storage under bed

**Fore peak:**

- Access via a wooden door in for cabin.
- Fully-painted, gel-coat finish
- Buoyancy reserve under half-height shelf

## Deck layout :

Cockpit entirely protected by a rigid bimini. Circulation without step towards the saloon.

### Cockpit:

- 1x 8 persons bench seat around the table
- 1 Teck cockpit table
- Serving hatch to the kitchen by sliding bay
- 1 fainting sofa
- 1 Large storage area on the bench
- 1 Large storage area on the fainting sofa
- 1 Gas chest for 2 bottles
- Natural lighting and ventilation via deck hatches
- Lighting by waterproof spotlights

### Helm station:

- Accessed via stairs from cockpit.
- Triple helmsman seat
- Instrument control panel
- Bin for halyards
- Stairs to access of lounge deck

### Lounge deck:

- Access via stairs through helm station
- Area available for solarium and mattresses.

### Fore deck:

- 1 Large chest for anchorage and halyard tail storage at bottom of mast.
- 1 large chest accommodating on Electric group (Option)

### 2 Engine holds:

- Accessed via polyester deck hatch in cockpit.
- Sound proofing
- Neon lighting

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## MOTORIZATION:

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### Engines and Equipments:

- 2 motors 40CV
- 2 Fixes blades propeller
- Salt water filter.
- Engine cooling by heat exchanger
- Complete engine panel and dual controls at helm station
- Hour meter

**Fuel system:**

- 1 Fuel tank with filling by plug-hole on bridge equipped with a anti-overflow
- Electric fuel gauge (indicator on chart table)
- 1 fuel pre-filter / water separator +1 engine fuel filter/engine
- Fuel shutoff valves

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**PLUMBING:**

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- Freshwater tanks with electric gauge
- 1 electric pump and pressure accumulator
- 1 water heater 40 l
- 1 electrical bilge pump (2 m<sup>3</sup>/h) in each engine hold
- 1 electric bilge pump (2m<sup>3</sup>/h) in each hull
- 1 manual exterior bilge pump
- 1 holding tank on each W.C

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**ELECTRICITY / ELECTRONICS:**

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**Power system:**

- 2 x 115A/12V engine alternators
- 1 set starboard onboard/engine batteries of 600A/h
- 1 port engine battery of 100A/h/ 800CCA
- 1 Manual back-up link

**12V electrical distribution panel:**

- General 12V distribution panel at chart table protected by circuit breakers
- Voltmeter for onboard batteries
- Spare sockets for extra equipment

**Electronic:**

- 1 V.H.F.mast head antenna

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**RIGGING AND SAILS:**

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**Mast and boom:**

- Mast and boom in anodised aluminium
- Complete standing rigging
- Ball bearing mainsail luff cars
- 1 tackle on mainsail halyard
- 1 topping lift
- 3 reef pennants
- 1 genoa halyard
- 1 spinnaker halyard
- lazy-jack
- clutches on all halyards for genoa, spinnaker and topping lift
- clutches on reef pennants at boom exit
- 2 flag halyards
- Navigation, running and mooring lights
- Deck lighting

**Sails:**

- Full batten CST mainsail
- Genoa roller fuller
- Genoa with no UV band

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**FITTINGS:**

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**G.V. and genoa:**

- 1 mainsheet tackle led aft to coach roof
- 1 clutch for mainsail sheet
- 1 clutch for mainsail halyard
- 3 clutch for the reef
- 1 Ball bearing mainsheet traveller
- 2 x tackle on mainsheet traveller clutches with back on roof
- 2 x genoa tracks with load block
- 2 genoa sheets
- 2 x -size 50 self tailing winches for genoa and mainsail sheets
- 1 size 46 self tailing winch for main sheet

**Other equipment:**

- leather covered steering wheel helm
- 2 rudders linked mechanically by stock arm + transversal tube
- Emergency tiller
- 1 steering compass
- 3 winch handles and 3 pockets
- Pulpit and pushpit, stanchions with upper and lower guardrails
- Pulpits with seating
- Access to transom
- 1 swim ladder
- 1 cold water shower in port transom
- 2 x tender davit kayak carrier with 1 x winch 40
- 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.***