



## CNB 76 - Standard Specifications (B2014)

### MAIN CHARACTERISTICS

#### DIMENSIONS

Length overall..... 23.17 m / 76'  
 L.W.L..... 21.98 m / 72'1  
 Maximum beam..... 6.10 m / 20'

#### DRAFTS

Standard keel (cast iron fin & bulb), 14 900 kgs..... 3.00 m / 9'8  
 Optional lead keel (steel fin & lead bulb), 15 300 kgs..... 2.40 m / 7'9  
 Optional lead keel (steel fin & lead bulb), 13 400 kgs..... 3.00 m / 9'8  
 Optional lead keel (steel fin & lead bulb), 12 100 kgs..... 3.50 m / 11'5  
 Optional lifting hydraulic keel (steel fin & lead bulb), 11 900 kgs 2.10 m to 3.90 m / 6'9 to 12'8

#### TANKAGE

Fresh water capacity ..... 1 500 litres / 396 US Gal.  
 Fuel capacity ..... 2 500 litres / 661 US Gal.

#### SAILS

	Standard mast .....	Performance carbon mast (option)
Mainsail.....	approx 160 m <sup>2</sup> / 1722 sq ft	172 m <sup>2</sup> / 1851 sq ft
Furling genoa .....	approx 144 m <sup>2</sup> / 1549 sq ft	152 m <sup>2</sup> / 1636 sq ft
Staysail.....	approx 79 m <sup>2</sup> / 850 sq ft	82 m <sup>2</sup> / 883 sq ft
Asymmetrical spinnaker.....	approx 440 m <sup>2</sup> / 4736 sq ft	480 m <sup>2</sup> / 5167 sq ft

	Standard mast	Performance mast (option)	In mast furling (Option)
I	30.00m / 98'4	31.50m / 103'4	30.00m / 98'4
J	09.06m / 29'8	09.06m / 29'8	09.06m / 29'8
P	29.00m / 95'1	31.00 / 101'7	29.00m / 95'1
E	09.60m / 31'5	9,60 / 31'5	9.60m / 31'5

AIR DRAFT (without antennas)..... 33.97 m / 111'4

#### DESIGN

Naval architecture..... Philippe BRIAND  
 Interior design..... Jean-Marc PIATON

## CONSTRUCTION

- The hull and structural bulkheads are made of vacuum infused PVC foam / glass and resin sandwich. Built as per the process used for the one-off constructions for many years. Non structural bulkheads are made of vacuum infused balsa sandwich.
- Carbon fibre reinforcements on hull bottom and sheerline as well as on every bulkhead area that need extra strength.
- Watertight bulkheads forward and aft. Bulkheads are laminated and/or bonded to hull and deck.
- Deck made of composite/PVC foam sandwich is vacuum infused as well. Deck beams are carbon fibre reinforced. The entire structure is certified by Germanischer Lloyd classification society.
- White gel-coat finish on the hull, white gel-coat finish on the deck and on helm seats, non-skid white gel-coat on roof.
- Waterline colour to be specified with order.
- Main deck is laid with teak.
- Cockpit sole and seats are laid with teak (8mm thickness)
- Keel fitted to the hull with s/s bolts.
- Twin hanging rudders with vacuum infused rudder blades, s/s rudder stocks.
- Vectran cable on quadrant.
- Opening transom/swim platform giving access to tender garage.

## DECK HARDWARE

- Fixed davit ,electrical windlass, galvanized anchor and chain (100 m, 14 mm dia / ½" dia).
- S/s pushpits and pulpit.
- Lopolight (or similar) LED navigation lights.
- Double s/s lifelines, opening gate in life line each side.
- 8 mooring cleats and 2 fairleads
- S/s recessed chainplates.
- Self tacking track for genoa or staysail
- Harken (or similar) genoa sheet tracks and cars.
- Recessed companionway sprayhood.
- Harken turning blocks.
- Jammers.
- 2 x Harken (or similar) primary winches in cockpit.
- 2 x Harken (or similar) multipurpose winches in cockpit.
- 1 x Harken (or similar) mainsail electric winch in cockpit.
- 2 x Harken (or similar) halyards and reef winches on deck at mast step, the starboard winch being electric.
- 2 x steering wheels with hand sewn leather covers.
- Compass on each steering pedestal.
- 2 x helmsman seats with console for navigation instruments, engine control, and bow thruster control.
- 11 flush deck Lewmar hatches.
- 2 flush Lewmar hatches on cockpit benches (access to galley and to aft cabin).
- 2 x accesses to lazarettes in cockpit.
- 1 x access to garage from cockpit.
- 2 x accesses to liferafts lockers from cockpit.
- Teak cockpit table (option to convert it into a sun bath area).
- Space for optional fridge.
- Hot and cold cockpit shower.

## FOREPEAK

- The sail locker (forepeak) is large enough to accommodate a crew cabin.
- Large deck hatch (with exterior lock) covered with teak (or in PMMA as an option),
- S/s ladder.
- The equipment includes:
  - Lights,
  - Handrails,
  - Lines attachment points,
- Access to:
  - Bow thruster (optional),

- Chain locker and windlass electrical control box,
- Hydraulic central station for fwd furlers and self-stowing anchor arm (options).

### **TENDER GARAGE**

- The tender garage is accessible from the transom when opened and from a deck hatch located in the cockpit.
- The garage can accommodate up to a 3.50 m RIB type tender with outboard engine, or a 3.85 m Williams type jet tender.
- Dedicated system to help getting the tender in and out of the garage. The large hydraulic aft platform spread to the sea and can then serve as a launching ramp.
- S/s swim ladder with teak steps integrated in the platform.
- Self-draining garage, with natural ventilation.
- Alarm system in the garage in case of gasoline vapors

### **LAZARETTES**

- There is one lazarette on port, one on starboard.
- Access from cockpit or from tender garage.
- Several attachment points.
- Electric bilge pump.
- Access to steering mechanism and optional autopilot.
- Light top coat finish.

### **SPARS AND RIGGING**

- Silver anodised aluminium mast, 3 sets of spreaders.
- Silver anodised aluminium boom (pre-equipped for automatic reefing system).
- Rod standing rigging.
- Running rigging.
- Hydraulic boom vang and backstay and halyards adjusters (three function unit in the cockpit).
- Deck lights and mooring light.
- Manual genoa furling system.
- *Windex*.

### **ENGINE**

- Engine : Volvo Penta D4 - 180hp, @ 2800rpm (optional 205hp, @ 2800 rpm)
- Sound proofed engine compartment (extra density plate).
- S/s shaft.
- 3 fixed blades propeller.
- Engine control panel on helm console.
- Fuel tankage: 2500 litres in two aluminium tanks, located in the middle of the boat.
- Fuel filter.

### **WATER**

- 1500 litres fresh water in two s/s tanks, located in the middle of the boat.
- Pressurised hot and cold water system.
- 100l water heater on 220V, and heat exchanger from main engine.
- Fresh water shore inlet.
- Manual bilge pump.
- Electrical automatic bilge pumps.
- Grey water electric pumps with 2 x 100 L holding tanks.

### **ELECTRICAL**

- Electrical panel 12V / 24V / 230V. Control panel in the aft area (galley).

- Shoreline 50Ah.
- 17.5 Kva , 230 V generator with sound shield.
- 2x 24V / 60 Ah battery charger for service batteries.
- 12V alternator on main engine.
- 24V alternator on main engine, 80 Amp.
- 24V service gel batteries bank , 840 Amp/h capacity.
- 24V / 230 V / 2500 W inverter.
- Main engine and generator start batteries.
- 24V lighting throughout.
- 12V & 230V electric outlets.

### **ACCOMMODATIONS**

- Wood finishes : coloured oak and lacquered areas, to be chosen among 3 ambiances.
- Exposed sides of the floorboards protected via impregnation for an extra high impact resistance.
- Wide doors.
- Blinds on portholes.
- Blinds and mosquito screens on deck hatches.
- Handrails.

### **COMPANIONWAY**

- Access to the saloon is through a sliding hatch and a retractable door.
- Companionway wooden steps with recessed lighting.
- Handrails.

### **ENGINE ROOM**

- Underneath the saloon floor, the engine room is located at the most favourable place for the boat's balance.
- Access by hatches on the saloon sole, and dedicated hatch under the galley entrance steps.
- Sound insulated engine compartment.
- Remote controlled fire extinguisher.
- Lights.
- 230 V outlets.
- This compartment receives the main Volvo diesel engine, the Onan generator in its soundproof cocoon, the Dometic air conditioning system (option), the Sea Recovery water-maker (option), the water heater, pumps, filters.

### **SALOON**

- Just under the deckhouse, the saloon hosts the navigation area, a convertible sofa and a dining/saloon area.
- Very clear, the saloon enjoys a remarkable panoramic view to the outside.
- Direct and indirect lighting are ensured via overhead and reading lights.
- Night courtesy lights & 230 V outlets.
- Numerous lockers alongside the hull and behind the seat backs.

#### **Navigation area (starboard)**

- Chart table with chart and pencil storage.
- 12 V & 230 V outlets.
- Space for instruments displays, bookshelf.
- Space for audio system.

#### **Lounge space (starboard)**

- Relaxing sofa to starboard, which can be easily converted into two facing armchairs.
- Recessed bar behind the sofa.
- Space for an ice maker.

### **Dining area (portside)**

- Large U shaped settee to port.
- Extending dining / cocktail table for 8.
- Niche for a lit painting and the optional TV on lift.

### **GALLEY**

- The galley is located aft to starboard, five steps underneath the saloon area, for better privacy in the saloon and fwd cabins. The galley is equipped with high-quality equipments for yachts.
- Access to the cockpit via an opening hatch.
- Ventilation and natural light via cockpit hatch and portholes.
- Range hood.
- Direct and indirect lighting above worktops.
- Functional U shaped organization, with a bar worktop and two stools.
- Electrical distribution switchboard.
- The galley also includes:
  - Low and high stowage lockers,
  - Corian™ worktop,
  - S/s double sink with single lever mixer tap,
  - Refuse bin under the sink,
  - Miele gimballled 4 burner electric stove and oven (gas optional),
  - Microwave oven linked to the inverter,
  - 104 l capacity front opening Miele freezer (aft of galley),
  - 231l capacity front opening Miele fridge with 57l capacity freezer compartment (front of galley)
  - 230V outlets,
  - Fastening belt for cooking when the boat is heeling,
  - Space for Miele dishwasher,
  - Space for Miele washer-dryer, 5kgs capacity,
  - Space for trash compactor and sink food waste disposer.
  - Space for Webasto wine cooler
  - Space for additional Webasto fridge or freezer.

### **OWNER'S CABIN**

- The owner's cabin is located forward and runs across the full width of the ship.
- Light and ventilation via 3 fixed hull portholes and 3 opening deck hatches.
- General lighting and reading lights.
- Double berth, 2.05m x 1.60m.
- Drawers and lockers underneath.
- Bookshelves and lockers on forward bulkhead, with recess for Tv.
- Hanging locker to starboard.
- Locker to port.
- Lower lockers to port and starboard.
- Working desk to starboard.
- 230V outlets.
- The owner's cabin has a fully **private en suite toilet & shower**:
  - Separate shower stall with grating,
  - 1 x opening deck hatch for light and ventilation,
  - Overhead light, and 2<sup>nd</sup> light close to mirror,
  - Automatic waste water pump out to grey water holding tank,
  - Tecma™ (or similar) fresh water electric marine toilet with holding tank,
  - Washbasin with hot and cold water,
  - Bathroom cabinet with electric shaver plug,
  - Mirror, heating towel holder, toilet roll holder.

### PORT GUEST CABIN

- Double lateral bed to port, 2.05m x 1.60m, with a possibility to separate it into 2 single berths.
- Drawers and lockers underneath.
- Light and ventilation via fixed hull porthole and opening deck hatch.
- General lighting and reading lights.
- Hanging locker on portside.
- Lockers.
- 230 V outlets.
- The port guest cabin has a **private en suite toilet & shower**:
  - Separate shower stall with grating,
  - Opening deck hatch for light and ventilation,
  - Overhead light, and 2<sup>nd</sup> light close to mirror,
  - Automatic waste water pump out to grey water holding tank,
  - Tecma™ (or similar) fresh water electric marine toilet with holding tank,
  - Washbasin with hot and cold water,
  - Bathroom cabinet with electric shaver plug,
  - Mirror, toilet roll holder.

### STARBOARD GUEST CABIN

- Lateral single bunk beds to starboard, 2.05m long.
- Lower bed extendable to double bed, 2.05m x 1.40m.
- Drawers and lockers underneath.
- Light and ventilation via fixed hull porthole and opening deck hatch.
- General lighting and reading lights.
- Hanging locker to starboard.
- Lockers.
- 230 V outlet.
- The starboard guest cabin has a **private en suite toilet & shower**, with a second access door for day toilet.
  - Shower stall with grating,
  - Opening deck hatch for light and ventilation,
  - Overhead light, and 2<sup>nd</sup> light close to mirror,
  - Automatic waste water pump out to grey water holding tank,
  - Tecma™ (or similar) fresh water electric marine toilet with holding tank,
  - Washbasin with hot and cold water,
  - Bathroom cabinet with electric shaver plug,
  - Mirror, toilet roll holder.

### AFT PORT GUEST CABIN

- 2x single beds, 2.00m long. Convertible into a double bed.
- Light and ventilation via fixed hull porthole, opening portholes and opening hatch to cockpit.
- General lighting and reading lights.
- Drawers and lockers underneath.
- Hanging locker on portside.
- Lockers alongside.
- 230 V outlet.
- The aft port cabin has a **private en suite toilet & shower**:
  - Separate shower stall with grating,
  - Mechanical ventilation,
  - Overhead light, and 2<sup>nd</sup> light close to mirror,
  - Automatic waste water pump out to grey water holding tank,
  - Tecma™ (or similar) fresh water electric marine toilet with holding tank,
  - Washbasin with hot and cold water,
  - Bathroom cabinet with electric shaver plug,
  - Mirror, toilet roll holder.

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## **MAIN FACTORY FITTED EXTRAS**

- 4 options of keel.
- Forepeak conversion into a crew cabin.
- Retractable anchor davit.
- Spinnaker/gennaker/Code 0 gear.
- Carbon fibre pole.
- Electric in mast furling mainsail
- Carbon fibre performance mast.
- Carbon fibre V-boom.
- Carbon fibre steering wheels.
- Staysail rig and equipment.
- Cockpit integrated bimini.
- Cockpit cushions and sun bathing mattresses.
- Telescopic cockpit table, convertible into a sun bathing area.
- Hydraulic operated telescopic gangway.
- Navigation instruments.
- Folding propeller 4 blades.
- Telescopic saloon table.
- Gas / electric stove and oven.
- Reverse cycle air conditioning.
- Fridge in cockpit.
- Water maker, dishwasher, washer dryer, ice maker, wine cooler, additional fridges.
- Built in HI FI/ TV / Video equipment.
- MCA certification
- Delivery pack (Antifouling, Mast stepping and tuning, Launching, Mooring kit, Fuel, 5 days of training in navigation around Bordeaux / La Rochelle
- Personalised boat preparation (equipments and fittings): available on request.