



CNB 76 – Standard Specifications (A2019)

MAIN CHARACTERISTICS

DIMENSIONS

Length overall	24.85 m / 81'5
Hull Length	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

	<u>Standard mast</u>	<u>Carbon mast (option)</u>	<u>In mast furling (Option)</u>
Mainsail	160 m ² / 1722 sq ft	172 m ² / 1851 sq ft	136 m ² / 1464 sq ft
Furling genoa	144 m ² / 1549 sq ft	152 m ² / 1636 sq ft	144 m ² / 1549 sq ft
Staysail	79 m ² / 850 sq ft	82 m ² / 882 sq ft	79 m ² / 850 sq ft
Asymmetrical spinnaker	440 m ² / 4736 sq ft	480 m ² / 5166 sq ft	440 m ² / 4736 sq ft

	<u>Standard mast</u>	<u>Performance mast (option)</u>	<u>In mast furling (Option)</u>
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)

Standard Mast.....	33.97 m / 111'4
Carbon Mast.....	36.50 m / 119'8

DESIGN

Naval architecture	Philippe BRIAND
Interior design	J-M. PIATON – R. BONET

CONSTRUCTION

- The hull and structural bulkheads are made of vacuum infused PVC foam / glass / carbon 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 fiber reinforcements on hull bottom and sheerline as well as on every bulkhead area that need extra strength.
- 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.
- 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 fiber reinforced. The entire structure is certified by Germanischer Lloyd classification society.
- Main deck is laid with teak.
- Cockpit sole and seats are laid with teak.
- Keel fitted to the hull with s/s bolts.
- Twin hanging rudders with vacuum infused rudder blades, s/s rudder stocks.
- Vectran steering cable.
- Opening transom/swim platform giving access to tender garage.

DECK HARDWARE

- Carbon bowsprit with fixed davit.
- Electrical windlass, galvanized anchor and chain (100 m, 14 mm dia).
- S/s pushpits and pulpit.
- *Lopolight*® (or similar) LED navigation lights.
- Double s/s lifelines, opening gate in life line on each side.
- 8 mooring cleats and 2 fairleads.
- S/s semi-recessed chainplates.
- Self-tacking track for staysail or genoa.
- *Harken*® (or similar) genoa sheet rail and traveller.
- 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 (2 speeds) in cockpit.
- 2 x *Harken*® (or similar) halyards and reef winches on deck at mast step, the starboard winch being electric (2 speeds).
- 2 x fiberglass steering wheels.
- Compass on each steering pedestal.
- 2 x helmsman seats with console for navigation instruments.
- 11 flush deck *Lewmar*® hatches.
- 2 flush *Lewmar*® hatches on cockpit benches (access to galley and to port aft cabin).
- 2 x accesses to lazarets 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 sunbath area).
- Space for optional fridge.

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 standard equipment includes Lights and Handrails.

- Access to:
 - Bow thruster (optional),
 - Chain locker and windlass electrical control box,
 - Hydraulic central station for forward furlers (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 serve as a launching ramp.
- S/s swim ladder with teak steps integrated in the platform.
- Self-draining garage, with natural ventilation.

LAZARETS

- There is one lazaret 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 topcoat 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 vang, backstay and halyards adjusters.
- Deck and mooring lights.
- Manual genoa furling system.
- *Windex*[®].

ENGINE

- Engine: Volvo Penta D4 - 175hp, @ 2800 rpm (optional 205hp, @ 2800 rpm)
- Sound proof engine compartment (extra density plate).
- S/s shaft.
- 3 fixed blades propeller.
- Engine control panel on starboard helm console.
- Fuel tankage: 2500 liters in two aluminum tanks, located in the middle of the boat.
- Fuel settling tank.

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 3 x 100 L holding tanks.

ELECTRICAL

- Electrical panel 24V / 230V. Control panel in the aft area (galley).
- 1 Shoreline 63Ah.
- 17.5 Kva, 230 V generator with sound shield.
- 2 x 24V / 100 Ah battery chargers 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 / 5000W inverter.
- Main engine and generator start batteries.
- 24V interior lighting.
- 12V & 230V electric outlets.

ACCOMMODATIONS

- Wood finish: colored oak and lacquered areas, to be chosen among 2 ambiances.
- Exposed sides of the floorboards protected via impregnation for an extra high impact resistance.
- Wide doors.
- Blinds on portholes.
- Blinds and mosquito nets on deck hatches.
- Handrails.

COMPANIONWAY

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

ENGINE ROOM

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

- The diesel and fresh water tanks are located on each side of the engine room.

SALOON

- Just under the deckhouse, the saloon hosts the navigation area, a convertible sofa and a dining/saloon area.
- Direct and indirect lighting 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.
- 230 V outlets.
- Space for instruments displays, bookshelf.
- Space for audio system.

Lounge space (starboard)

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

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 at aft to starboard, five steps underneath the saloon area, for better privacy in the saloon and forward cabins.
- Access to the cockpit via a foldable ladder beneath the 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 storage lockers,
 - *Corian*TM worktop,
 - S/s double sink with single lever mixer tap,
 - Refuse bin under the sink,
 - *Miele*[®] gimbaled 4 burners electric stove and oven (gas optional),
 - Microwave linked to the inverter,
 - 140 L capacity front opening *Miele*[®] freezer (aft of galley),
 - 231 L 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 (option),
 - Space for *Miele*[®] washer-dryer, 5kgs capacity (option),

- Space for trash compactor and sink food waste disposer (option),
- Space for Webasto wine cooler (option),
- Space for additional Webasto fridge or freezer (option).

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,
 - One fixed porthole and one opening deck hatch for light and ventilation,
 - Overhead light, and secondary light close to mirror,
 - Automatic waste water pump out to grey water holding tank,
 - *Tecma*TM (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 secondary light close to mirror,
 - Automatic waste water pump out to grey water holding tank,
 - *Tecma*TM (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.
- 230 V outlets.
- 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 secondary light close to mirror,
 - Automatic waste water pump out to grey water holding tank,
 - *Tecma*TM (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 outlets.
- The aft port cabin has a **private en suite toilet & shower**:
 - Separate shower stall with grating,
 - Electric ventilation,
 - Overhead light, and secondary light close to mirror,
 - Automatic waste water pump out to grey water holding tank,
 - *Tecma*TM (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.