



Dolphin Yachts

INTERNATIONAL YACHT BROKERS

Dolphin Yachts S.L.

Club de Mar

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Spain

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CNB 104

Builder:	CNB	LOA:	31.72m (104'1")
Model:	104	Beam:	6.63m (21'8")
Year:	2002	Draft:	4.40m (14'4")
Construction:	Composite	Fuel:	3.200 Litres
Accommodation:	6 berths in 3 cabins	Water:	1.100 Litres
Designer:	German Frers	Engines:	1 x 350hp Cummins
Displacement:	65000 kg	Keel:	Bulb

2.000.000 € EU VAT not paid



ENGINE:

1 x 350hp Cummins 6CTA 8.3M2 8 cylinder
Engine Hours: 5800 aprox.

SPEED:

15 knots aprox.

CRUISE RANGE:

1500 nautical miles

CAPACITIES:

Fuel: 3200 Litres

Water: 1100 Litres

MECHANICAL EQUIPMENT:

Engine

She cruises under engine power at some 10 knots with a maximum speed of 15 knots.

The main engine is a Cummins 350 Hp, model 6CTA 8.3M2 8-cylinder engine fitted in the engine room just aft of the main companion way. Cylinder head overhauled @ 4500hrs

Paul Luke 3 bladed propeller

Range under power: approx. 1,500 nm

Generators

Onan 35 KWA 50 Hz fitted in a sound box

Fischer Panda (2020)

Tankage

Fuel: 2 x 1,600 litre stainless steel tanks, fitted on either side under the salon floor

Water: 2 x 550 litre stainless steel, fitted under the owners cabin floor

Grey water: 4 x tanks, 500 litres in total

Haman mini black water (2000 / day) treatment system

Electrics and other machinery

220V and 24 Volt, shore power at 220V

Battery power: 1 x 24 V 1600A house bank – 24 batteries x 2 volts – 800Ah

Main engine start batteries 24 V 200 A/h

Gen set start battery 115 A/h

Emergency radio battery 115 A/h

Electronics buffer battery 115 A/h

4 x Mastervolt 100 A/hr chargers

Mastervolt 2500 Watt inverter

175 A/h / 24V alternator driven by the main engine

80 A/h / 24V alternator driven by the main engine for the engine battery

55 A/h / 24 V alternator on the gen set for the gen set start battery

Marine Air Systems air conditioning with a total of 72.000 BTU. Fancoils with boards and outlets in all cabins, saloon and galley. Three compressors located in the engine room produce the cold air, two for the salon and owners / guest area and one compressor for the after part and galley.

Hydraulic retractable bow thruster (2021)

Sea Recovery Aqua Whisper Compact 175 litres / hour water maker

Tecma 24 V toilet system, vacuum flush

ACCOMMODATION:

Berths: 6

Cabins: 3



Head: 0

Crew Berths: 4

Crew Cabins: 2

The interior was specially designed and realised in a subtle combination of Wenge, ceruse teak, off white enamel and Alcantara (new 2011). Among other features, she is comprised of a saloon with a dining area; one main owners' cabin with central island double bed and bathroom ensuite; two guest cabins - one with double bed and one with twin beds, both with bathroom ensuite; two crew cabins with upper and lower berths and sharing a shower room; a galley including a crew mess; chart table with complete electronic navigation installation and a multi-media system.

Walkthrough

Coming down the main companion way we enter the stylish salon, on port a large dining table offering seating for 8 in comfort. On starboard aft is the navigation table. To starboard the saloon offers two sofas with a lower table.

Forward of the saloon we have on either side of the corridor a large en suite guest cabin with twin beds on port and a double on starboard. The carbon mast is in the middle of the forward corridor and like an Industrial Design feature.

Aft of the salon to starboard the well-appointed galley that ends in the crew dinette and two upper / lower crew cabins. The entire work and living area for the crew can be reached from deck via a companion way that leads to the steering cockpit. This set up enables to moor the boat stern to and allow for total peace in the fore ship for owners and guests while the crew can go on and off the boat and prepare for sailing and technical work.

ACCOMMODATION EQUIPMENT:

Entertainment systems

LG 37" television pop up in saloon

Sony 26" television pop up in the owner's cabin

LG 19" TV in the crew mess

GALLEY/LAUNDRY:

U-Line 220v ice maker

Microwave oven (2020)

Comenda FC43 dishwasher

4 burner gas stove (2020)

Electric oven

Washing machine 5 Kg, 220v

2 x 300 litre Frigomar fridges and 1 x 400 litre deep freezer

Coolmatic saloon drink fridge

NAVIGATION:

2 x Suunto D135 compasses

Furuno GPS Navigator

C-Map plotter (2011) with full range of charts from the Med

NEC PC

Antenna to amplify to 3G enables to receive emails up to 20nm from a port

Receiver Wi-Fi antenna (2011)

Nera Fleet 33 Sat Phone

Shipmate VHF

Mini M satellite phone / fax

NavNet plotter/radar VX2, 36 nm radar

Radar post at stern

Furuno SSB FS-1562

Furuno GPS

Printer/copier



B&G Hydra 2000 instruments
4 x 40/40 and 2 x 20/20 displays
B&G autopilot

Repeaters in the steering cockpit

GPS Garmin 278C

B&G

VHF

Radar/plotter slave

SPARS & SAILS:

Mast

Southern Spars Carbon fibre four spreader rig with swept back spreaders

I: 43.86 m, P: 39.86m, J: 12.00 m, E: 12.87 m

Boom

Furling motorized Carbon Fibre boom from Petit Jean

Hydraulics

Power take-off on the big generator plus 2 electric pumps offer enough to run all hydraulics.

To hoist the main at a pretty good pace it is a good idea to have the generator on.

Winches

All winches are Lewmar self tailing and hydraulic.

2 x Lewmar 111 Primaries

4 x Lewmar 88

2 x Lewmar 77 at the mast

All Lewmar foot switches

2 x Sanguinetti recessed capstans on the foredeck

Lofrans hydraulic anchor windlass, with hydraulically operated anchor arm and CQR 135kg anchor. The anchor was galvanized 2011.

Sails

Main and Genoa built by Quantum

Main 290 m2 Carbon / Vectran fully battened with carbon battens (new 2010)

Genoa 300 m2 100% (new 2010)

Gennaker 650 m2 North 170% (2007)

Storm Jib 152 m2 (2004)

Stay Sail 100 m2 (2004)

Code 0 411 m2 Kevlar

Dimensions

I: 43.86 m, P: 39.86m, J: 12.00 m, E: 12.87 m

SAFETY:

Zodiac 2 x 6 persons class II liferafts container type

10 x inflatable lifejackets

10 x fire extinguishers

Jon Buoy

EPIRB

DHR ref. 55 navigation lights

Johnson bilge or fire pump

TENDERS/TOYS:



Zodiac semi-rigid 3.4m tender (2011)
Evinrude 25 Hp outboard motor (2011)

SERVICE HISTORY AND CONSTRUCTION:

Construction

Built by CNB in France and launched in 2002.

She is a high performance, composite built yacht conceived for the pure sailing yacht lover. This German Frers design with his typical sleek lines leaves no doubt that she will offer maximum sailing speed.

The hull and deck are built of composite carbonfiber and vinylester resin using "ultra-light end grain" balsa as a core. The hull is vacuum infused and equipped with a moulded canting lead keel by APM, Italy; a retractable "canard" and a composite rudder.

Her decks are overlaid with Burma teak.

Her Flag Blue hull was repainted in 2011 and superstructure was repainted 2010.

Hydraulic opening swimming platform at stern, with hot and cold shower.

The carbon fibre mast from Southern Spars, measures 48 meters over the waterline and has four swept back spreaders. Petit Jean well known for his superb carbon built masts and booms has built the furling boom.

2 x 3 spoke carbon fibre steering wheels.

The *Canting keel* is 20 tons and the bulb 5 tons of encapsulated lead. The keel can be used to lengthen the waterline when sailing in very light winds or hold her steady with more wind. Thanks to her advanced build structure she is light and stiff. The canting keel allows for a slender hull yet sea kindly even in rough seas. The 2.5 meter Canard has proven to be valuable to hold the course. A Polar Graph is available on request.

She is a true sailing yacht with the clear aim to reach high speed while sailing without compromising on comfort. The headsails are trimmed with a hydraulic piston, based on the development of "Tomtit" the 55ft day sailor from Frers.

Her inviting and light interior with side hull windows is incredibly attractive. Features include - Wenge floors, Ceruse Teak and off-white enamel, and Alcantara ceilings. The owners and guests share the forward section of the yacht. The crew are aft and have a convenient companion way that leads to the steering cockpit. This way the people traffic on board is comfortable for all. The engine room entrance is in the crew area.

Racing sails by Quantum replaced in 2013

BROKERS COMMENTS:

This German Frers designed **CNB 104** with master lines, flush decks and Cariboni canting keel provides exhilarating performance achieving 25 knots. Beautiful under any angle she has a cosy luminous interior plus a garage for the dinghy in her folding transom.

Best Sail 23m-36m Design Award, International Superyacht Society in 2002

Dolphin Yachts are the Central Sales Agents

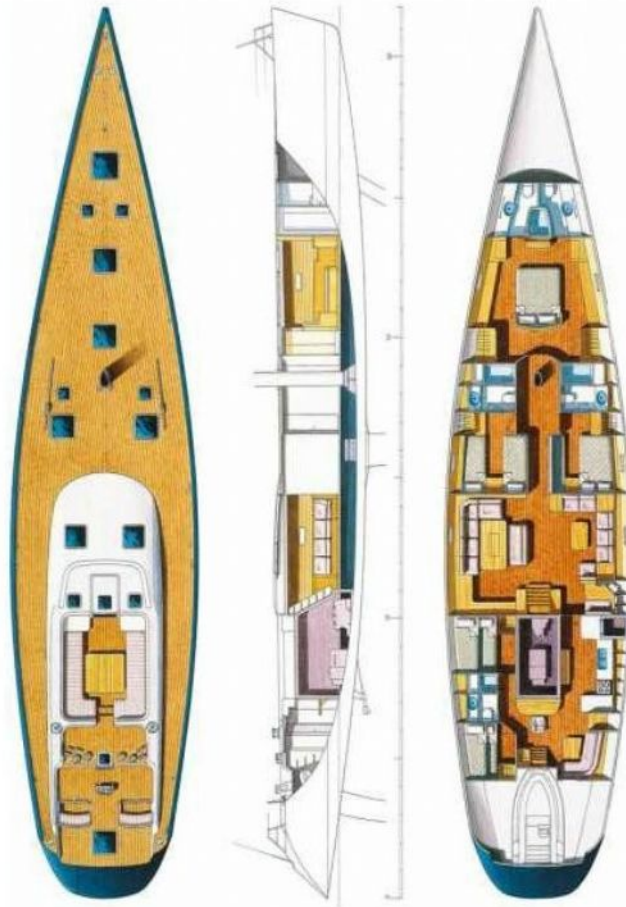
LYING:

Turkey





Layout Plans



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