

2013 Catana 55



Catana 55 Carbon Infusion

1) DESCRIPTION

Architect : Christophe BARREAU

Plans "CE" approved category A (open sea)

Sandwich construction, TWARON® Impact process

2) SPECIFICATIONS

- Hull length: 16.75 m
- Length at waterline: 16.36 m
- Overall beam: 7.94 m
- Light weight: 14.2 t (Custom Carbon)
- Draught, centreboards up: 1.20 m
- Draught, lower daggerboards: 2.95 m
- Air draught: 24.30 m
- IB engines: 2 x 75 hp Saildrive
- Fresh water tanks: 800 l
- Diesel tanks: 780 l
- Black water tanks: 282 l
- Grey water tanks: 7
- Fridge: 160 l + 42 l in cockpit
- Freezer : 110 l
- Onan generator: 7 KVA
- Air conditioning: 32,000 BTU
- Watermaker: 240 l/h

3) GENESIS

The performance, reliability and comfort of CATANAs are unanimously recognised by their owners. Whether you're sailing solo or with a crew, it's essential that your cruising yacht is easily manoeuvrable by one person, both under sail and under engine.

manoeuvrable by a single person, whether under sail or under engine.

The relationship between man and his boat is not quite the same as that between a living being and an object, but rather one of

harmony between the man (or woman) and his accomplice.

Between you and your boat, you'll develop a very strong bond over the miles you sail. unforgettable moments.

The CATANA 50 and 55 are the result of this alchemy.

The CATANA 55 is the sport version of the CATANA 50.

4) CONSTRUCTION

4.1 Manufacturing process

Three-part mould with joint surfaces at the keel connections.

Nacelle mould and inner half-hulls in one part for greater rigidity.

As for many years, the hull is made of Sandwich foam infusion, Vinylester resin and polyester resin. It is reinforced with Monolithics, Aramid fibre reinforcements using the Twaron Impact process and, above all, in order to optimise weight, certain parts of the hull have been designed to be more rigid.

In order to optimise weight, certain zones are now 100% Carbon, such as the chainplate zones, omega stiffeners and the mast step area.

The deck is also constructed from Sandwich foam infusion with CP/Monolithic Sandwich reinforcements.

From Many areas are made entirely of carbon fibre, such as the coachroof, coachroof reinforcements, deck omegas, mast foot area and mast sponge.

deck, mast foot area and mast sponge.

The main structural bulkheads are now made entirely of infused foam/carbon sandwich.

infused carbon sandwich. For greater solidity, the routing of the doors and technical passages is integrated and reinforced during the infusion of the foam.

reinforced during the infusion of the bulkheads.

4.2 Integral structure

The hull / deck / bulkhead connections are made by bonding and structural cornering locally in 100% carbon fibre, as for the bulkheads.

carbon fibre for the main bulkheads, floors and spandrels.

The entire hull/deck envelope is a single-piece, dimensionally stable structure with exceptional rigidity and

exceptional rigidity and durability.

5) EXTERIOR

5.1 Mast / Rigging

White-lacquered aluminium mast with push-pull spreaders, 22.1 m long:

-Combined anchor / tricolour LED light at masthead and double at deck level

-Outlets for mainsail halyard, Solent halyard, Spinnaker halyard, Gennaker halyard and topping lift.

deck light

-Luff track on Harken ball bearing cars (new and overhauled set 2023)

-Padeye attachment for Lazy Jacks

-Articulated mast foot

-Windex double windvane at masthead

White lacquered aluminium boom

-Reefing gear at gooseneck

Miscellaneous :

-White lacquered aluminium front beam

-White lacquered aluminium compression beam

-White lacquered aluminium hinged bowsprit, two stainless steel Monotoron coamings (new)

-Rod stainless steel main stay with FACNOR furler (revised 2023)

-Light stainless steel genoa stay with FACNOR furler (revised 2023)

-2 Stainless steel Monotoron cap shrouds and 2 stainless steel DYFORM lower shrouds (new)

5.2 Sails

-Elvstrøm Hydranet mainsail 100m², fully battened, 3 reefs, radial reinforcements, horizontal cut. (revised 2023- very good condition)

Solent self-tacking Elvstrøm in Hydranet double ply 51 m², radial reinforcements, horizontal cut (very good condition)

-Dacron light genoa 100 m², radial reinforcements, triradial cut (revised 2023)

-Anti-UV tape on staysails in Sunbrella 5031 Navy Blue

-Sunbrella 5031 Navy Blue battened lazy bag and Ø 7 mm adjustable lazy jacks (new - Incidence)

5.3 Running rigging

All Lancelin running rigging returned to the cockpit:

-Mainsail halyard in Dyneema Ø 12 mm reefed

-12 mm Dyneema Solent halyard (manoeuvrable at mast foot)

-Light Genoa halyard in Ø 12 mm Dyneema (manoeuvrable at the foot of the mast)

-Mainsheet double in Dyneema Ø 12 mm (new)

-Solent furling lines (new) and light Genoa lines in polyester Ø 10 mm

-Ø 12 mm Dyneema reefing lines

-Polyester reefing lines Ø 12 mm

-Dyneema topping lift Ø 12 mm

-Daggerboard lifting lugs in Ø 12 mm Polyester

5.4 Fittings

Winches (all overhauled 2023, greased, in perfect working order) aluminium self-tailing LEWMAR 2 speeds :

-2 Genoa and Spinnaker sheet winches (ParaSailor), 65 EVO

-1 Electric 55 EVO central cockpit winch for mainsail halyard, reefing lines and topping lift (with remote control for hoisting the mainsail from the helm in full view)

-2 55 EVO mainsheet winches

-2 55 EVO daggerboard winches and furling lines

-1 55 EVO mast winch for headsail halyards

Mainsail :

Double Harken 3-strand sheet hoist Ø 100 mm on snap shackle

-4 Harken 689 padeyes for mainsail sheets

-2 Harken 689 boom retaining brackets

Solent :

-Sheet track with Harken ball bearing traveller (overhauled 2023, perfect working order)

-1 Antal track with single carriage piston stop for halyard tensioning at mast foot

-1 Spinlock XAS 06/12 furling line locker returned to cockpit

Central winch piano: (all jaws revised 2023)

-1 Spinlock XTS triple clamp for 3 reefing lines-3 Spinlock XX 08/12 reefing line chocks-1

Spinlock XX 08/12 for mainsail halyard-1 Spinlock XAS topping lift attachment

-1 Spinlock XAS for Solent sheetDaggerboard handling :-2 Harken Ø 57 mm deck blocks in daggerboard wells-2 Spinlock XTS 08/14 blockers in cockpit

Cockpit return sheave box system :-Welded stainless steel forward and aft sheave boxes with Ø 85 mm custom sheaves

5.5 Mooring

Mast foot :

-Lofrans 1700 W windlass with wired remote control connected in the anchor locker and control button at the starboard helm station.

starboard helm station, manual windlass (completely changed in 2019= windlass and remote control)

Bow beam :

-Tilting stainless steel davit for main anchor

-Spade anchor 45Kg and 70 metres of Lewmar 12mm galvanised chain (new spring 2023)

5.6 Deck equipment

-2 Glass composite seats for easy access to the coachroof

-2 Cockpit seats convertible into a deckchair with hinges and straps

Opening panels and portholes for light and ventilation (variable according to version) :

-2 Bulkhead hatches with opaque sails and ventilators

-2 Deck hatches for additional access to forward cabins (emergency exit)

-2 Deck hatches for ventilation of central cabins with additional curtain + DOMOTIC mosquito net (summer 2023)

-4 Escape hatches on inner planking

-2 Deck hatches on coachroof for ventilation

-2 Portholes for ventilation of saloon forward of coachroof

-10 Portholes in external cabin plating

-2 Portholes in inner plating of aft cabins

-10 Portholes for passageways and WCs

Glass composite deck hatches: (all jacks are new for summer 2023)

-2 Teak slatted hatch covers in cockpit with gas struts

-1 Cockpit seat cover with gas struts

-2 Locker access covers at mast foot

-1 Anchor locker cover with gas struts

Safety :

-Reflective webbing lifeline on each gangway

-Solid teak footbraces and handrails

High-comfort trampoline with woven mesh, transferred mesh by mesh

-2 Front pulpits with COMACEL seat incorporating LED navigation lights

-Rear railings in stainless steel tube

-8 Stainless steel chandeliers, 60 cm high

-Double Dynema dies Ø 6 mm all around the boat

-2 1.2 m wide gangway doors

-10 Large aluminium mooring cleats (450 mm)

-Teflon hull protection strips on the outside planks.

-External isothermal coachroof curtains in grey Batyline

5.7 Rigid composite bimini

-2 white lacquered aluminium side handrails, leather-covered (new summer 2023)

-2 handrails 1.20 m long under Bimini,

-White lacquered aluminium profile rear feet with integrated handrails

-6 halogen ceiling lights,

-Removable translucent front windscreen for enhanced ventilation

-Removable side and rear sun awnings in Sunbrella 5031 Navy Blue (new for summer 2023 with high visibility)

5.8 Cockpit equipment

-Large sliding patio door in methacrylate and white lacquered aluminium, with lockable open/close

-2 Stowage lockers in aft beam with white COMACEL grating lids

-1 Large storage locker under seat with gas struts

-1 Large storage locker under cockpit

-1 Large locker for 2 diesel tanks (390 litres each)

-Glass composite cockpit tables on aluminium legs

-New external 42L fridge

-4 chairs

-2 White lacquered aluminium davits with Spinlock locking devices Dinghy hoists with stainless steel snap hooks (fully overhauled in 2023)

-Batyline and Sunbrella 5031 navy blue rope bags in front of each steering wheel

-Grey cockpit upholstery (very good condition)

-Flexiteek floor (recent skirts and cockpit with finish and seals - luxury finish)

5.9 Helm station / Rudders

-2 CATANA design glass composite helm consoles + instrument console

-2 Stainless steel sit/stand helm seats with grey upholstery

-2 Magnetic steering compasses with compensation, protective covers and lighting

-2 Stainless steel steering wheels with light grey leather upholstery (completely refurbished summer 2023)

-2 Engine switchboards with alarms at starboard helm station

- Manual engine controls at starboard helm station
- Mechanical linkage transmission system
- 2 Hanging and compensated rudders, mounted on JP3 self-aligning spherical bearings
- 1 Emergency tiller

5.10 Aft skirts

- 1 Retractable stainless steel bathing ladder integrated into port skirt with teak steps (renovated summer 2023)
- Shower with pressurised hot and cold fresh water in port transom (new 2023)
- 1 Stainless steel handrail on each companionway
- 2 Gas-assisted glass composite engine access covers (new)
- 1 Tiller access fittings on each skirt
- LED courtesy lighting (8)
- Teflon protection strips.
- Flexiteek flooring (recent skirts and cockpit with finish and seals - luxury finish)

5.11 Engine shims

- 2 Volvo 75 hp diesel engines, fully soundproofed and totally separate from the accommodation (fully reconditioned 2023)
- 2 Saildrive transmission systems (fully reconditioned 2023)
- 2 Four-bladed folding propellers
- Saildrive protection skegs
- 1 Fuel filter / Decanter per engine
- 2 24 V neon ceiling lights per engine hold

6) FITTINGS

6.1 Top-of-the-range finish

- Cabinet fronts in very light, rigid Sandwich wood
- Floors in light oak decor
- Cabinetwork and panelling in ceruse oak laminate
- Furniture fascias in Brushed Aluminium decor
- White Composite furniture skirting boards
- Insulated ceilings and panelling covered in white Skaï
- Fargues in solid Oak ceruse

6.2 Carré grand confort

Located at the front of the platform, it offers a panoramic view of the outside:

- Teak door sill with "CATANA 55" branding on stainless steel plate
- High-resilience foam upholstery covered with top-of-the-range SUNBRELLA HORIZON Ivory (imitation leather) fabrics (new summer 2023)
- Extendable table with integrated bar
- Storage units specific to Dream Yacht Charter
- Stainless steel handrails in hull companionways
- LED lighting with dimmer switch (completely refurbished)

- 2 Fans
- Safe deposit box

6.3 Galley (Refurbished summer 2023)

U-shaped galley to port with large worktop in CORIAN (Artic Ice) white speckled (New summer 2023)

on Sandwich panel:

- Plenty of storage space
- Stainless steel double sink
- 160 L stainless steel fridge with Kok refrigeration system on external heat exchanger, thermostat and lighting
- Stainless steel 24V 110 L freezer with thermostat and lighting (2021)
- Taps with ceramic seal mixer tap for hot and cold fresh water (new summer 2023)
- Seawater tap on electric pump
- BOSCH INDUCTION 3-burner hob (new summer 2023)
- CANDY large electric oven (new summer 2023)
- SAMSUNG 28-litre COMBINE microwave oven (new, summer 2023)
- LED lighting with dimmer (new)

6.4 Chart table (new)

Ergonomics specially designed to ensure that all electronic navigation and communication within easy reach:

Stowage space, removable under-hand revealing a laptop slot

- (Adjustable footstool will be replaced by) a new ergonomic articulated armchair
- Places for electronics and navigation instruments
- Complete electrical panel
- 1 new leather-covered swivel map lamp (2023)

6.5 Rear cabins (2)

- Double bed convertible into 2 single beds
- Independent slatted bed bases, mounted on stainless steel hinges and gas struts
- High-resilience foam mattress with microfibre finish
- Plenty of storage space with wardrobe, shelves and drawers
- LED lighting and reading lights at the head of the bed (new 2023)
- Microfibre blackout curtains on rails
- Ventilator

6.6 Central cabins (2)

- Double bed on independent slatted base
- High-resilience foam mattress with microfibre finish
- Storage space with shelves
- LED lighting and reading lights at head of bed -new leather-covered side tables (2023)
- Blackout curtains + DOMOTIC mosquito net (summer 2023)
- New fan

6.7 Forward cabins (2)

- Double bed on independent slatted bases
High-resilience foam mattress with microfibre finish
- Storage space with shelves
- New LED lighting and reading lights at head of bed
- Microfibre blackout curtains on rails
- Fan

6.8 Toilet cubicles (3) :

The aft and starboard mid cabins have a separate washroom with shower:

- Refurbished washbasin and electric WC (with new 2023 flaps)
- Bathroom cabinet
- Hand-held mixer tap for hot and cold water
- LED lighting (new 2023)
- Blackout blind

7) TECHNICAL EQUIPMENT

7.1 Plumbing

- 2 390 L diesel tanks with gauges at chart table, installed in port cockpit locker (overhauled and gauges calibrated 2023)
- 2 400 L fresh water tanks (with possibility of gauges at chart table)
- 2 Independent pressurised water groups with expansion tanks, carbon filters and intercommunication valves
- 1 55 L + 1 30 L electric water heaters, on motor exchangers
- Holding tanks 1 x 80 L (starboard) + 2 x 61 L, gravity drains and deck drain, vented via carbon filter
by carbon filter
- 7 grey water tanks (galley + 6 washrooms)
- Plumbing in rigid food pipes (PER)
- All new plastic hull valves (spring 2023)

7.2 Watermaker

AQUABASE 240 L/h 220 V watermaker with feed pump, taster, kitchen distribution valve and semi-automatic rinsing system.
(completely overhauled summer 2023)

7.3 Air conditioning

-WEBASTO 32000 BTU reversible chilled water air conditioning with individual regulation in the 6 cabins and the saloon.
saloon. Compressor in engine room. (fully overhauled summer 2023)

7.4 Electricity

24V direct current and 220V 50Hz alternating current.

- ONAN 7 KVA generator, cocoon, starter battery, silent exhaust, chart table control (fully overhauled summer 2023) 1500h with new battery August2023)
- 4 380 W solar panels (2 on Bimini and 2 on Davits)
- 2 Victron MPPT 100/50 - 12/24V solar controller
- 1 110 AH Gel EXIDE battery (maintenance-free) per engine
- 2 300 AH Lithium lifepo4 service batteries linked 2 by 2
- 1 Victron BMW-712 Smart battery monitor
- Digital ammeter and voltmeter, XANTREX Linklite battery controller
- Combi VICTRON Multi Charger 120 A / Inverter 5000W
- 2 80 A / 12 V engine alternators for engine batteries
- 2 110 A / 24 V alternators for MASTERVOLT service batteries
- 50A watertight shore power socket (New Summer 2023) with 20 m extension lead
- Complete backlit electrical panel at chart table, with 24 V and 220 V boat functions
- 12 V socket at chart table-9 interior 220 V sockets (2 galley, 1 chart table, 1 per cabin) = all brand new (summer 2023)
- FUSION RA-770 HiFi system with 2*2 BOSE interior speakers and 2 waterproof exterior speakers

7.5 GARMIN electronics + Raymarine autopilot

Chart table: 1 GPSmap 820sx + 2 repeaters (new 2023) GMI 10 + 1 VHF Cobra Marine F57B-EU/Standard Horizon Explorer black + AIS Alarm box

Starboard helm station: 1 GPSmap 8412 + 1 GMI 10 repeater + GHC 20 autopilot repeater + RAYMARINE

Repeater RAYMARINE P70s (Back-up Autopilot RAYMARINE EV 400 SAIL)

Roof bulkhead: 2 GMI 10 repeaters

Mast: GMR Fantom 18 radar

Garmin cartography: North Africa Version 2022.0, Southeast Caribbean Version 2022.0, Southwest Caribbean

Version 2019.30, USA & Canada Version 2020.05 And Full Pacific

7.6 Miscellaneous

- CopperCoat Antifouling (2020?) covered with navy blue Erodible Antifouling (New Spring 2023)
 - Buandrie in portside central cabin (+ Deawoo W5406 washing machine for very occasional use 3kg)
 - Tender Highfield Classic 360 + Tohatsu 18 hp outboard engine (fully serviced summer 2023)
 - Complete spinnaker gear (2 SELDEN blocks on springs and padeyes on forepeak + 2 Blockers Spinlock XTS 08/14 in cockpit + 2 Dyneema Ø 12 mm lines + 2 Dyneema Ø 12 mm sheets)
 - PHILIPS television on swivel arm
- Non-contractual document, provided for information only (may be subject to change before signature).

8) OPTIONS

- ParaSailor 207 m2 Grey/Orange Emotion with a new bag, fittings, sheets and halyards in place
- STARLINK Dome antenna and RV router (subscription to be checked if transferable): installation already done

- Hook & Moor modern extendable gaff
- 2 mat chairs
- Sailing equipment: European and Caribbean flags, Cras rules, multiple torches (anchor and dinghy)...

- 1 DECATHLON paddles
- 1 JOBE 2-seater towed buoy
- 1 1-seater inflatable kayak
- scuba-diving hookah (water pipie)

- MAGMA Chief gas BARBECUE
- Monsieur Cuisine Connect multifunction food processor (basic)
- Cutlery, Complete Set of Classic Plates and Glasses + Beverage + MARINE BUSINESS Champagne, TEFAL Brand Saucepans, Pans and Kitchen Utensils

- Printer/Scanner with ADF Canon TR 4651 white
- Luxury Decoration: World Map, Knot Frame, High Quality White Boxes
- And Lamp 727 SAILBAG
- Set of 3 Villeroy & Boch Luxury Wooden Boxes

- Safety equipment :
 - > 8 Automatic and manual release life jackets (reviewed 2023)
 - JON BUOY inflatable pole
 - SYRES HOMME inflatable buoy JON BUOY

- Numerous additional items: spare parts for engines, generators and watermakers
- Renovation and maintenance tools and parts

- 1 additional portable VHF

- DIY Tools and Equipment :
 - Facom Toolbox with complete tools and Jigsaw
 - Numerous electrical consumables
 - Dexter Toolbox with numerous plumbing items (including 1 new faucet)

- Numerous additional items: Consumables for engines, generators and desalination systems
- Renovation and maintenance tools and parts

- Equipment and bedding :
 - Lots of Cyrillus Towels (very good to excellent condition)
 - Lots of Drap Luxe La Redoute (very good condition)
 - Pillows and many cushions (new and used)

- Board games :
 - Card games and many strategy games, Djecco , Loup Garou de Thiercellin
 - Electronic Monopoly