



CATANA 50

STANDARD EQUIPMENTS

Designer: Christophe BARREAU

EC approved Drawings, A category (Ocean)

Unsinkable: Vinylester vacuum bagged sandwich

Construction, TWARON® Impact Process

Structural warranty : 5 years

SPECIFICATIONS



Length, overall	16 m (52'6")
Hull Length	15.20 m (50')
Length, waterline	15 m (49'3")
Maximum beam	7.90 m (25'11")
Displacement, empty	16500 kg (36.37 lbs)
Draft, boards up	1.20 m (3'11')
Draft, boards down	2.95 m (9'8")
Mast clearance	23.70 m (77'76")
Mast length	21.50 m (70'54")
Inboard engines power	2 x 75 CV Saildrive
Fresh Water capacity	800 L (211 US Gal)
Fuel capacity	1075 L (284 US Gal)
Black water capacity	165L (43.6 US Gal)
Grey water capacity	340L (90 US Gal)
Refrigerator capacity	160 L (5.6 ft3)
Freezer capacity	110 L (3.9 ft3)
Tonnage	Pending

EXTERIOR

Sails by NORTH SAILS with reinforced offshore finish

98 m² (1,055 sqft) Fully Battened Mainsail, Cross Cut, double layers of first choice Dacron, double rows of six step zig-zag stitches.

36m² (388 sqft) Self-tacking Solent-Jib, Cross Cut, in first choice Dacron with Sunbrella UV protection, on roller furling gear

100 m² (1076 sqft) Code 0, triradial cut, in DC laminate, on bowsprit and roller furling gear with UV protection.

Mast / Rigging

White lacquered Carbon fiber mast, with spreaders

Deck projector and navigation lights

Radar and antenna mounted on mast

Mainsail batt-car system

White lacquered aluminium boom

Structural fibreglass/carbon composite front cross beam

White lacquered carbon bowsprit

Windex Double windvane on mast head

Solent stay in stainless steel rod
Code 0 stay in stranded stainless steel
Diamonds in stainless steel rod
2 shrouds in white covered stranded stainless steel

Running Rigging

HARKEN Code 0 and Solent roller furling gear adjustable from the cockpit
Automatic reefing system for the Mainsail from the cockpit on electric winch
2:1 purchase Mainsail halyard
Canvas Mainsail lazy-bag
Set of adjustable lazy-jacks
SPECTRA halyards (Mainsail, Spinnaker and Code 0) and reefing lines
Sheets (Mainsail, Code 0) in polyester double braid
Complete spinnaker gear (ball bearing blocks, guys, sheets, stoppers)

Deck fittings

HARKEN Self-tailing aluminium winches:
2 Code 0 sheets winches, 60 STA
1 Central electric winch in cockpit for mainsail halyard and reefing lines, 53.2 STAE
2 Mainsail sheets winches, 48.2 STA
2 Winches for dagger boards and roller furling gear, 48.2 STA
1 Winch on mast for head sail halyards, 48.2 STA
Complete gear with HARKEN ball bearing blocks
Mainsail Double sheeting system
1 Solent self tacking track with ball bearing blocks, HARKEN
18 SPINLOCK Stoppers
22 opening hatches and portholes for light and ventilation:
2 deck hatches 580 x 520 mm for access to front sail lockers, with vents
4 Ventilation and escape hatches on inboard sides
2 Roof ceiling hatches, 400 x 530 mm
2 Roof front portholes for ventilation of the salon, 200 x 400 mm
8 portholes on outboard sides of the cabins, 190 x 300 mm
2 portholes on inner sides of the aft cabins, 190 x 645 mm
6 head and companionways portholes

Deck equipment

2 jacklines around the coach roof
Deck toe rails and handholds in solid Teak
High comfort woven trampoline, attached mesh by mesh
2 fore pulpits with seats in Teak
2 reinforced aft pulpits
Aft guardrail in stainless steel tubes
6 Stainless steel stanchions 60 cm (23.6 in.)
Double life lines all around the boat
2 boarding gates
10 Large deck cleats 450mm (17.7 in.)
4 Pad-eyes to set a harness or the jibe preventer
Catwalk with built-in storage
1000 Liter/hour (26.4 US gallon/hour) pressurized seawater pump to clean the deck, outlet at mast foot

Mooring

LOFRANS 2000-watt electric Windlass with remote control, circuit breaker and control at starboard helm station

Bridle on the stems, with built-in stemhead under the Catwalk

- At mast foot: WASI Stainless steel 42Kg (92.6 lbs) Anchor + Power Ball, 60 m (230 ft.) of 12 mm (0.5 in.) chain and 10 m (65,6 ft.) of 22 mm (0.9 in.) stranded Nylon warp

- 8 cylindrical white fenders diameter 30 cm (11.8 in)

- Set of black braided Nylon warps, diameter 18 mm (0.7 in.): 4 x 15 m (65,6 ft.), 2 x 25 m (82 ft.)
1 x 50 m (164 ft.)

Helm/steering stations

2 polyester steering stations with outside protection

2 double steering seats with backrest

2 magnetic compasses with correction, protection covers and lighting

2 leather covered steering wheels with brakes

WHITLOCK mechanical transmission system

2 balanced spade rudders mounted with JP3 self-aligning bushers

Emergency tiller

Cockpit equipment

Large sliding window in aluminium

2 large storage lockers slatted with teak

1 large storage locker in cockpit seat

Teak cockpit table

Cockpit seats convertible into lounge chair with cushions

Cockpit cushions with backrests in closed cell foam and Sunbrella cover

Bimini hardtop made of sandwich, waterproof

Soft removable windscreen for the Bimini

Canvas removable cockpit enclosures

Built-in cockpit lights in Bimini

Transoms

Completely slatted with Teak

Built in Stainless steel swim ladder, with Teak steps

Cockpit shower with pressurised water (cold and hot)

4 Handrails

2 Large built-in hatches for access to the engine rooms

Aft Beam

Pair of davits, white lacquered with SPINLOCK stoppers

2 lifting lines with stainless steel shackles snap

Motorization

2 VOLVO D2 In-Board 75 HP diesel engines, sound-proofed and totally separate from the accommodations

Saildrive transmission

2 VOLVO Folding 3 blades Propellers

2 engine control panels with alarms

Electric engine controls at each helm station

Fuel filters / decanters

ACCOMODATION

All large panels in very light and rigid sandwich
Hulls floors in foam sandwich, Wengé finish, maintenance free Stratifil process
Cabinetry and inner planking in natural satin varnished oak
Trims in natural satin varnished oak
Brushed aluminium decoration stripes
Isothermal Alcantara-covered ceilings
Halogen lighting throughout
Natural lighting trough ceiling prisms in the companionways
Blind and mosquito screens on each cabin porthole
Isothermal external roof curtains stopping 90% of the sun's rays and offering an excellent visibility from the inside

Comfortable Salon

Located forward the platform and featuring a panoramic view
Cushions in highly-resilient thick foam for an optimum comfort
Cushion covers in ALCANTARA
Salon Table with Built-in bar
Foul weather gear hanging locker with drain
Stereo and video area
Halogen lighting with dimmer
Built-in wood Venetian blinds

Galley

L-Shaped galley on port, with large sandwich resin countertop
Numerous lockers
Garbage disposer and trashcan with selective sorting
Stainless steel sink with cover/chopping board
KOK Refrigeration system on hull exchanger with electronic control:

- 160L stainless steel refrigerator
- 110L Stainless steel Freezer

Taps with ceramic seals:

- Mixer tap for fresh water (hot and cold)
- Sea water tap

Drain tap for Watermaker
4 burners Arthur Martin Vitrogaz stove; and catalyse cleaning gaz oven, SS finish
Integrated SHARP microwave oven, SS finish
Gas 13 Kg with EC ruled security regulator or US standards electromagnetic security

Navstation

Chart table with storage, removable writing pad / laptop storage
Mobile stool with integrated storage, usable for the salon
All the navigation and communication electronics are within easy reach
12V outlet
Equipment: see "Electricity" and "electronics"

Owner stateroom

The most spacious and most comfortable one of the boat, located aft starboard
2 independent slatted bases, on hinges and gas struts
2 highly resilient foam mattresses, for an optimum comfort

Halogen lighting and reading lights above bed
Numerous storages with shelves and drawers under bed

Owner Head

Large moulded shower stall with Teak grating and built-in seat, ceramic seals mixer and Plexiglas protection
Wash basin on sandwich resin countertop, mixer tap with ceramic seals
Numerous storages for linen and toilet articles

Owner's Companionway

Sliding door for access to the salon
Hanging locker and storages with shelves
Molded separate toilet equipped with electric head and hand basin
Vanity / Desk with settee
3Kg Washing machine

Guest cabins

Located aft and forward Port, with their own showers room and heads
Double bed convertible into two single berths in the aft cabin
All beds on independent slatted bases, on hinges and gas struts
Highly resilient foam mattresses
Halogen lighting and reading lights above beds
Hanging locker and storages with shelves

Port Companionway

One separated and dedicated Moulded shower room for each guest cabin, equipped with shower on teak grating, washbasin and electric head
Storage for linen and toilet articles
Mixer tap with ceramic seals

TECHNICAL EQUIPMENT

Plumbing

2 Fresh Water tanks of 400 L with gauges
2 connectable Fuel tanks of 430 L at foot mast, with gauges
1 Fuel tank of 215 L in the cockpit for the generator
Coal filter for each fresh water circuit
Plumbing for drinkable water in rigid tubing
2 independent pressurized freshwater pumps with accumulator, interconnectable
2 water heaters of 55L, on AC current and engines exchangers
1 Holdings tanks of 55 L per WC, US approved, with gauges and sound alarm. Drain at sea or by deck drain hole. Vents with coal filters
1 grey water tanks of 80 L with gauges per head + 106L for the galley

Watermaker

240 L/h (64 US gal/h) Aquabase watermaker, AC, with control, drain tap and distribution valves at the galley

Electricity

Engine starting batteries (maintenance free) 2 x 115 AH SONNENSCHNEIN

House batteries (maintenance free) 6 x 115 AH SONNENSCHNEIN, twinned, service voltage: 24V

Alarm for discharge of batteries

Batteries charging capacity:

- 70 A / 24V on generator or shore power

- Extra engine alternators 2 x 110A / 24V

- 400W power Solar panels, flush mounted on Bimini

Engine room: ONAN Generator 7 KVA in 220V / 50Hz (9 KVA in 110V / 60Hz), sound proofed, independent starting battery and quiet water lock exhaust

1 Waterproof shore (AC) inlet, with 20m extension cord

Inverter 24V/AC of 3000 VA

Complete electric panel with all the electrical functions of the boat (AC and DC)

Digital Ampmeter and Voltmeter

1 x 12V and 11 AC Interior outlets

Electronics

Nav station: Furuno Navnet2 10,4'colour Radar/Chart plotter (airwave 2,2KW, 24NM), GPS GP32, multi FI30, Wind FI30, Navpilot 511 repeater, DSC VHF FM2721 with loudspeaker in the cockpit, DB9 Outlet for GPS data

Roof bulkhead: 2 wind FI30 and 1 Multi XL repeater

Starboard helm station: Navpilot 511, multi FI30 and roof Multi XL control

Hifi

Hifi system BOSE Lifestyle CD/DVD/FM. Sub-woofer + 5 satellite speakers in the salon, and 2 waterproof speakers in the cockpit, FM antenna in the mast.

Safety Equipment

Complete safety package for 8 people, with life raft, A category (Ocean)

Miscellaneous equipement

2 layers of INTERNATIONAL high-strength polishing Antifouling, with epoxy base coat.

The technical specifications, the equipments and trademarks listed, are subject to change without prior notice.

