

SPECIFICATIONS CATANA 50

owner version, august 2009



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« EC » approved Drawings, A category (Ocean)

Vinylester vacuum bagged sandwich construction, TWARON® Impact Process

Structural warranty : 5 years



SPECIFICATIONS

- Length : 16 m (52'6")
- Hull length : 15,20 m (50')
- Length, waterline : 15 m (49'3")
- Maximum beam : 7,90 m (25'11")
- Light displacement : 14645 kg (32287 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")
- IB engines : 2 x 75 HP Saildrive
- Fresh water capacity : 800 l (211 US Gal)
- Fuel capacity : 860 l (227 US Gal)
- Black water capacity : 165 l (43,6 US Gal)
- Grey water capacity : 330 l (87 US Gal)
- Refrigerator capacity : 160 l (5.6 ft3)
- Freezer capacity : 110 l (3.9 ft3)

EXTERIOR

➤ Sails

- Sails with reinforced offshore finish
- 98 m² (1055 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) Genoa, triradial cut, in first choice Dacron, on bowsprit and roller furling gear with UV protection
- Spinnaker 200 square meters with sock

➤ Mast / Rigging

- White lacquered Aluminium 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
- Lacquered carbon bowsprit
- Windex Double windvane on mast head
- Solent stay in stainless steel rod
- Genoa stay in stranded stainless steel
- Diamonds in stainless steel rod
- 2 shrouds in white covered stranded stainless steel

➤ Running Rigging

- HARKEN Genoa 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 Genoa) and reefing lines
- Sheets (Mainsail, Genoa) in polyester double braid
- Complete spinnaker gear (ball bearing blocks, guys, sheets, stoppers)

➤ Deck Fittings

- HARKEN Self-tailing aluminium winches
- 2 Genoa 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, 1 boarding ladder
- 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: DELTA Stainless steel 40Kg (92.6 lbs) Anchor, Power Ball and 70 m (230 ft.) of 12 mm (0.5 in.) chain
- 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 Station

- 2 polyester steering stations with outside protection
- 2 double retractable steering seats (stand/seat positions) with backrest and handrail
- 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
- Cockpit fridge

➤ Trasoms

- Completely slatted with Teak
- LED courtesy lights
- Built in Stainless steel swim ladder, with Teak steps
- Cockpit shower with pressurised water (cold and hot)
- 2 Large built-in hatches for access to the engine rooms
- 2 Handrails

➤ Aft Beam

- Pair of davits, white lacquered with SPINLOCK stoppers
- 2 lifting lines with stainless steel shackles snap

ACCOMODATIONS

- 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
- 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, trashcan
- Stainless steel sink with cover/chopping board
- KOK Refrigeration system on hull exchanger:
 - 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 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

TECHNICALS EQUIPMENTS

➤ **Engines**

- 2 In-Board 75 HP Volvo diesel engines, Saildrive transmission, sound-proofed and totally separate from the accommodations
- 2 Folding 4 blades Propellers Volvo
- 2 engine control panels with alarms
- Electric engine controls at each helm station
- Fuel filters / decanters

➤ **Plumbing**

- 2 Fresh Water tanks of 400 L with gauges
- 2 connectable Fuel tanks of 430 L at foot mast, with gauges
- 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 + 88L 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 SONNENSCHNEIDER
- House batteries (maintenance free) 6 x 115 AH SONNENSCHNEIDER, 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 75A / 24V
 - 600W power Solar panels, flush mounted on Bimini
- Engine room :
 - ONAN Generator 4 KVA in 220V / 50Hz (5 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 Ammeter 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 FI50, Wind FI50
 - Navpilot 51 repeater
 - DSC VHF ICM505 with loudspeaker in the cockpit
 - DB9 outlet for GPS data
- Roof bulkhead :
 - 2 Wind FI50
 - 1 Multi FI50
- Starboard helm station :
 - Navpilot 511
 - Multi FI50

➤ 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

➤ **Heating**

Webasto Heating throughout the boat: 9 kW diesel water heater in engine room, 6 fancoils and 5 independent thermostat

➤ **Safety Equipment**

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

➤ **Miscellaneous Equipment**

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

➤ **Tender equipments**

- Zodiac 2.60 m. with outboard Mercury 15 HP fourstroke year 2009

