

SPECIFICATIONS

CATANA 65



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« EC » Approved drawings A category (Ocean)

Vinylester vacuum bagged sandwich construction, TWARON® Impact Process

Structural warranty : 5 years

SPECIFICATIONS



- Length, overall : 20,30 m (66'6")
- Hull length : 19,80 m (64'7")
- Length, waterline : 19,46 m (63'85")
- Maximum beam : 9,60 m (31'5")
- Displacement, empty : 27000 kg (59525 lds)
- Draft, boards up : 1,20 m (3'94")
- Draft, boards down : 2,95 m (9'68")
- Mast clearance : 26,70 m (87'6")
- Mast length : 24,30 m (79'7")
- IB engines : 2 x 110 cv Direct Shaft
- Fresh water capacity : 800 l (211 US Gal)
- Fuel capacity : 1500 l (396 US Gal)
- Black water capacity : 210 l (55,5 US Gal)
- Grey water capacity : 240 l (63,5 US Gal)
- Refrigerator : 200 l (7 ft3)
- Freezer : 110 l (3,9 ft3)

EXTERIOR

➤ Sails

- Sails reinforced offshore finish
- 139 m² (1496 sqft) Fully Battened Mainsail, triradial cut, in SPECTRA
- 63 m² (675 sqft) Self-tacking Solent-Jib, triradial cut, in SPECTRA with Sunbrella UV protection, on Harken MKIII Unit 4 aluminium roller furling gear controlled from cockpit
- 115 m² (1238 sqft) Light Genoa, triradial cut, in SOFT NORLAM with Sunbrella UV protection, on bowsprit and Harken MKIII Unit 3.25 aluminium roller furling gear

➤ Mast / Rigging

- White lacquered Carbon fiber mast :
 - T700 Carbon fiber, polyurethane white paint Ral 9016
 - 1 spreaders level with Diamonds in stainless steel rod, padeye under spreaders for courtesy flag
 - Top of the mast: one Anchoring light , one RR antenna (VHF et FM) one wind transducer
 - Spinnaker halyard 2:1 fitting, light genoa halyard fitting, solent halyard fitting, main sail halyard 2:1 fitting and topping lift
 - Under solent stay: radar shelf, one combo steaming/deck light
 - Harken system C track with balls cares for the main sail luff
 - lazy jacks padeye fitting
 - four folding steps (two each side)
 - black aluminium anodised mast foot, convex mast foot to trim the rake
- White lacquered Aluminium boom with main sail sheets way on Harken Ø 100 mm blocs, reefing lines system, main sail fixe foot and cleats to adjust the lazy jacks
- Set of polyester lazy jacks Ø 8 mm
- Main sail lazy bag with batten made in marine collection sunbrella
- Structural fibreglass/carbon composite front cross beam moulded with the hulls and deck
- Carbon fiber articulated bowsprit with two stainless steel bob stays and one stand up (spinnaker)
- Windex Double windvane on mast head
- Solent stay in stainless steel rod
- Light Genoa stay in stainless steel rod
- 2 shrouds in white covered stranded stainless steel

➤ Running Rigging

- Light Genoa and auto-tack Solent furler from HARKEN (see : sails part))
- Main sail halyard made in dyneema Ø 14 mm sends back on the aft beam winch
- Double main sail sheets made in dyneema Ø 14 mm send back on the aft beam winch
- Solent halyard made in dyneema Ø 14 mm at mast foot
- Solent sheet made in dyneema Ø 12 mm send back on the aft beam winch
- Solent furler rope made in polyester Ø 10 mm sends back in cockpit
- Light Genoa halyard made in dyneema Ø 14 mm at mast foot
- Light Genoa sheets made in dyneema Ø 16 mm send back in cockpit
- Light Genoa furler rope made in polyester Ø 8 mm send back in cockpit
- Spinnaker halyard made in dyneema Ø 14 mm at mast foot
- Spinnaker guy and sheet made in polyester Ø 14 mm send back in cockpit

- Clew reef made in dyneema Ø 14 mm send back on the aft beam winch
- Tack reef made in polyester Ø 14 mm send back on the aft beam winch
- Topping lift made in dyneema Ø 12 mm send back on the aft beam winch
- Daggerboard ropes made in polyester Ø 12 mm send back in cockpit

➤ Deck Fittings

- Winches :

- 2 Manual winches Harken 980.2 STA for light genoa and spinnaker sheets
- 2 Electric Winches Harken 74.2 STAE on the aft beam dedicate to main sail halyard, reefing lines, topping lift and solent sheet
- 2 Manual winches Harken 60.2 STA dedicate to daggerboard ropes, spinnaker guy and light genoa/solent furlers ropes
- 1 Manual winch Harken 53 STA at the mast foot dedicate to front sails halyards

- Auto-tack Solent :

- Sheet on Harken track size 32 with double care HARKEN, two adjustab care stopper and one block Harken Ø 75 mm, way back through the main stainless steel blocks boxes
- Halyard trim with an Antal track and care stopper at the mast foot
- Furler rope jammer Spinlock XTS 08/14 in the cockpit

- Light genoa :

- Stand up Harken Ø 125 mm on the sheets
- Halyard trim with an Antal track and care stopper at the mast foot
- Furler rope jammer Spinlock XTS 08/14 in the cockpit

- Spinnaker :

- Stand up Harken Ø 125 mm for the sheets and flip-flop Antal Ø 120 mm for the guy
- Stand up Harken Ø 125 mm on the bowsprit already fit in case of asymmetric spinnaker
- Halyard jammer Spinlock ZS 12/14 at the mast foot
- Spinnaker guy jammer Spinlock ZS 12/14 in the cockpit

- Main sail :

- Sheet tackle Harken Ø 100 mm fix with snap shackle
- 4 x Harken 648 Padeye dedicate to the tackle blocks
- 2 x Harken 629 Padeye on the deck for gybe preventer

- Cockpit manoeuvres on the aft beam :

- 6 Spinlock ZS 12/14 jammer for tack and clew reefing lines
- 1 Spinlock ZS 12/14 jammer for main sail halyard
- 2 Spinlock XCS 12/16 jammer for main sail sheets
- 1 Spinlock XCS 12/16 jammer for topping lift
- 1 Spinlock XX 08/12 jammer for solent sheet

- Daggerboards :

- Block Harken Ø 102 mm fit in the daggerboard hole
- Jammer spinlock XTS 08/14 in the cockpit

- Blocks boxes :

- Front and aft stainless steel blocks boxes with Harken Ø 127 mm blocks
- Acces from underneath the bridge

➤ Deck Equipment

- Portlights and hatches :

- 2 Goïot Opale T60 (opening 507 X 507) hatche opaque with ventilation for the bow sails lockers

- 4 Goïot (opening 507 X 507) escape hatche fit on the inside hulls
 - 2 Goïot Opale T30 (opening 457 X 327) hatche on the roof
 - 1 Goïot Opale T30 (opening 457 X 327) hatche in the starboard aft cabin ceiling
 - 2 Goïot Opale T04 (opening 627 X 171) portlight on the front roof windows to vent the salon
 - 8 Goïot Opale T04 (opening 627 X 171) on the outside hulls
 - 1 Goïot Opale T04 (opening 627 X 171) between port aft cabin and cockpit
 - 6 Goïot Opale T04 (opening 627 X 171) in corridors an toilets
 - 4 Polyester/glass cockpit lockers hatch to access in cockpit lockers with two stainless steel key locks and two stainless steel rams, 6 mm thick strake teak with black seals on the top of each
 - 2 Polyester/glass engine room hatch in the transom with two stainless steel locks and two stainless steel rams, 6 mm thick strake teak with black seals on the top of each
 - 1 Polyester/glass cockpit seat lockers hatch with one stainless steel locks and one stainless steel ram.
 - 3 Polyester/glass front deck lockers hatch with one stainless steel locks and one stainless steel ram to access to the diesel tanks and windlass/anchor locker
 - 2 Polyester/glass liferaft lockers hatch with one stainless steel locks
 - 2 Polyester/glass liferaft lockers cover under trampoline in front of the bridge
 - 2 Polyester/glass anchor lockers hatch in the catwalk with one stainless steel locks to store the gangway and access to anchor fairlead
- Security :
- 1 Lifeline around the roof witch pass front of the mast
 - Solid teak footrails
 - Solid teak handrails over the roof side windows
 - Comfortable trampoline strong lacing and cut in two parts by a polyester/glass catwalk
 - 2 Swedish seats with teak shelf and navigation lights (Hella LED red/green)
 - 2 Aft stainless steel handrail located at top of the transoms, transom access gate made in Ø 4 mm white covered stranded stainless steel
 - 10 Stainless steel removable stanchion 60 cm high with double Ø 4 mm white covered stranded stainless steel
 - 2 Stainless steel side gate with double Ø 4 mm white covered stranded stainless steel and 1,4 m wide
 - 1 Removable stainless steel side ladder with solid teak steps
 - 1 Front beam handrail to protect the light genoa furler and bowsprit area

➤ Mooring

- Anchoring :
- 1 Horizontal axel electric windlass “LOFRANS 3500W « Ercole type A »”, on starboard one gypsy with manual manoeuvre and on port one capstan. Handle control connected in the windlass locker and remote control at the starboard helm station
 - 1 DELTA 50 kg anchor connect by one swivel at 80 m of galvanize chain Ø 14 mm
 - 1 Ø 24 mm Bridle made in Nylon stranded rope with two splice for the bow cleats and in the middle one stainless steel eye connect to one Ø 12 mm shackle
 - 1 anchor fairlead integrates in the Catwalk. Access from the top with two GRP hatches
- Mooring :
- 10 Aluminium cleats 450 mm
 - 8 White finders Ø 300 mm and 1060 mm length
 - 1 Ø 22 mm nylon stranded rope set: 4 x 25 m, 2 x 15 m and 1 x 50 m

➤ Helm / Steering Stations

- 2 polyester/glass pulpit design by Catana with electronic displays, engine panels, engine controls “Plastimo olympique 135” compas (white body and red card)
- 2 polyester/glass retractable steering seats (stand/seat positions) with stainless steel handrail on top
- 2 Lewmar Ø 916 mm leather covered steering wheels with brakes
- WHITLOCK mechanical transmission system
- 1 Autopilot electric motor “Mamba” fit on the port steering gear
- 2 Polyester/glass balanced spade rudders built over stainless steel shaft mounted with JP3 self-aligning bearing
- 1 Aluminium emergency tiller, access through the bottom transom step

➤ Cockpit Equipment

- 1 White lacquered sliding door/window; Door: double frame and Plexiglas glass. Window: simple frame and plexiglas glass
- 1 Sliding door bottom step made in solid teak. Writing « CATANA » in stainless steel flush letters.
- 3 Ropes box included in the aft beam with teak frame cover
- 1 Storage box included in the port cockpit bed with teak frame cover
- 1 Big storage locker in the cockpit seat
- 4 Big storage lockers under the cockpit floor
- 1 Teak folding cockpit table with teak feet
- Cockpit seats mould with the deck. Cockpit seats convertible into lounge chair
- Cockpit cushions 8cm thick over cockpit seats, lounge chair, cockpit bed and helm station seats.
- Cushions in closed cell foam and marine collection Sunbrella
- LED courtesy lights in cockpit and top of transom
- 1 Fridge 42L on starboard close to the cockpit door
- Bimini :
 - Polyester/glass laminates with PVC core sandwich
 - 1 On each side White lacquered Aluminium grab rails
 - 2 White lacquered Aluminium aft foot with grab rail
 - Soft front window in three parts
 - Removable Sun canvas cockpit enclosures made in sunbrella marine collection
 - 1 White lacquered Aluminium grab rails located in the cockpit ceiling, 1200mm length
 - Built-in cockpit lights with dimmers
 - Solar panels on top of the bimini (see electric part)
 - Top bimini skin with anti-slip diamond

➤ Transoms

- Polyester/verre laminates with PVC core sandwich
- 6 mm thick strake teak with black seals over every step
- 1 Stainless steel folding swimming ladder on port integrates in one box, top of the box covered by a polyester/glass hatch
- 1 Shower (hot/cold) on port connected on the fresh water network
- 1 Stainless steel hand rail on each
- 1 Engine room hatch on each
- 1 Stainless steel access for the emergency tiller on each
- 1 Gangway housing on each

➤ Aft Beam

- Pair of white lacquered Aluminium davits with built in hydraulic lifting system on each
- Maximum tender capacity: 4.6m not provide by shipyard

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 Suedine-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
- Stereo and video area (able to fit 42" TV not includes)
- Halogen lighting with dimmer
- Built-in wood Venetian blinds

➤ Galley

- U-Shaped galley on port, with large sandwich resin countertop
- Numerous storage lockers and one double trashcan
- Stainless steel sink (one and half sink)
- KOK Refrigeration system on hull exchanger:
 - 200 L stainless steel refrigerator with electronic thermostat
 - 110 L Stainless steel Freezer with mecanic thermostat
- Taps with ceramic seals:
 - Mixer tap for fresh water (hot and cold)
 - Sea water tap
- Drain tap for Watermaker
- 4 Burners Vitrogaz stove
- 1 Gaz oven

➤ **Navstation**

- Chart table with storage, removable writing pad / laptop storage
- 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 ram
- 2 Highly resilient foam mattresses, 15 cm thick for an optimum comfort
- Halogen lighting and reading lights above bed
- Numerous storages with shelves and drawers under bed

➤ **Owner Head**

- Large moulded bathroom
- Shower stall with Teak grating and built-in seat, ceramic seals mixer and Plexiglas protection
- Double 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
- Washing machine shelf (see plumbing part)

➤ **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 ram
- Highly resilient foam mattresses 15 cm thick
- 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

- Grey paint on the under waterline and ceiling area
- Melamine insulation foam with a thin black PVC skin noir (fire protection: M1) on the engine bulkhead and wall between waterline and ceiling
- Natural ventilation through water separation box
- 1 Automatic extinguisher 2 Kg ABC each engine room
- 2 YANMAR 4JH4HTE 110 CV diesel engine with KM4A gearbox (2,63:1), wet exhaust trough waterlock with anti-siphon loop and extra alternator (see electrical part)
- 1 Engine panel type B for each engine at starboard helm station
- Engine controls ZF with double handle at each helm station
- 1 Racor serie 500 diesel filter for each engine
- 2 Temet 25 Ø 40 mm propellers shaft in stern tube through the skegs
- 1 Hydraulic propeller shaft breaker Ø 250 mm on each side
- 2 Three blades folding propellers made in bronze VOLVO 22"X13" with zinc nut
- 2 x 780 L polyethylene diesel tanks with shut off valves and analogic gauge at chart table
- Steering, generator and water maker are fitting in the engine room (see steering/helm station, electricity and plumbing parts)

➤ Plumbing

- 2 x 400 L polyethylene fresh water tanks with analogic gauge at chart table
- 1 Carbon filter on each fresh water network
- Complete network piping type PER
- Possibility to connect hot and cold water network from each hull in case of one fresh water pump
- 2 fresh water pump 24 V 50 L/h independent, with temporary tank on each line
- 2 x 55 L/220V Isotemp water heater connected on the engines cooling circuit.
- 1 Sani marin 24 V toilet in each bathroom
- 1 x 55 L polyethylene holding tank per toilet, with gauge, buzzer and visual alarm at chart table, gravity drain and vacuum cap. Vent with carbon filter
- 1 x 63 L polyethylene grey water tank with high level alarm and 24 V 16 L/min drain pump (diaphragm) in each bathroom + 88 L grey water tank dedicated to the galley
- 4 x 24 V 130 L/min automatic bilge pump
- 2 x 45 L/min manual bilge pump
- 1 x 24 V 1000 L/H sea water pump plug out in the windlass locker
- 1 x 13Kg butane tank (EU appliance) in the cockpit seat locker
- 1 x 240 L/h AQUABASE 220V water maker with test faucet, manifold and remote control in the galley, fresh water cleaning flash manual included
- 1 x 3 Kg Candy washing machine

➤ Electricity

- 1 x 115 AH/ 12V SONNENSCHNEIN Engine starting gel batteries (maintenance free) charge from the main battery bank via one combo inverter/charger Victron 24/12-30A
- 1 x 460Ah/24V SONNENSCHNEIN main battery bank (maintenance free)
- Low charge alarm Buzzer for the main battery bank at chart table
- 1 x 24/3000/100 Combo Victron for the main battery bank charge (100A) with shore power or generator and 220V (3000VA) inverter from main battery bank 24 VDC
- 1 x 220V shore power plug provide with 20m of shore power wire
- 1 x 75A / 24V extra alternator on each engine with high performance regulator
- 8 x 12V 85W monocristallins solar panels stick without frame on the top of the bimini
- 1 x ONAN 11 KVA generator in 220V / 50Hz at 1500 Rpm, sound proofed cocoon, 65 AH/ 12V SONNENSCHNEIN independent starting battery and quiet water lock exhaust
- 24V DC and 220V AC electric panel, digital ampmeter and voltmeter, diesel/black water/fresh water analogic gauge, combo Victron remote control and navigation light running feed back
- 1 x 12V plug inside close to the cockpit door, 1 x 220V plug for each cabin, 1 x 220V plug for each bathroom (not provide in case of shower without door), 2 x 220V plug in galley, 1 x 12V plug and 1 x 220V plug at chart table

➤ Electronics

- Navstation :
 - Furuno Navnet2 10,4' colour Radar/Chart plotter (airwave 2,2KW, 24NM in the mast)
 - GPS GP32
 - Multi FI50
 - Wind FI50
 - Navpilot 511 repeater
 - DSC VHF FM2721 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 with subwoofer + 5 satellite speakers in the salon and 2 waterproof speakers in the cockpit
- FM antenna in the mast

➤ **Safety Equipment**

- 1 horseshoe lifebelt and dan buoy
- 9 life jacket 100N
- 9 safety harness
- 1 receiver
- 1 black bowl
- 1 black cone
- 1 brass dividers
- 1 bearing compass
- 1 navigation rule
- 1 foghorn
- 1 bailer
- 2 buckets
- 1 aluminium boat-hook length 1,8m
- 1 navigator's guide
- 1 international signals code
- 1 navigation instructions for MED
- 1 ship's log
- 1 lights book EAST MED and WEST MED
- 1 binoculars
- 1 chromium watch
- 1 chromium barometer
- 1 manual depth sounder
- 1 torch lamp
- 1 signs mirror
- 1 wooden plugs 10 à 20mm
- 1 wooden plugs de 20 à 50mm
- 1 polished brass bell Ø100mm
- 1 first aid case
- 1 toolkit 80 pieces
- 1 radar reflector
- 1 3 flag case 50x60 cm (N, C, France)
- 6 extinguisher 1kg NF34B
- 1 liferaft 8 pax cont Zodiac CLII

➤ **Miscellaneous Equipment**

- Hull preparation with Epoxy base coat « interprotect »
- 2 layers of International Micron extra Antifouling

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