



**CATANA 46**  
**STANDARD EQUIPMENTS**  
**Designer : Christophe BARREAU**  
**EC approved Drawings, A category(Ocean)**  
**Unsinkable : Vinylester vacuum bagged Sanwich**  
**Construction, TWARON®Impact Process**  
**Structural warranty: 5 years**

**SPECIFICATIONS**



Length, overall	14.02 m (46')
Length, waterline	13,67 m (44'83 '')
Maximum Beam	7.60 m (24'93'')
Light Displacement	14500 kg (32,00lbs)
Draft, boards up	0.75 m (2'46'')
Draft, boards down	2.80 m (9'18'')
Mast clearance	21.5 m (70'52'')
Mast length	19.5 m (63'96'')
Inboard Engines Power	2 x 40 HP Saildrive
Fresh Water Capacity	600 L-158.3 USGal
Fuel Capacity	600 L-158.3 USGal
Black water capacity	3 x 55L-14.5USGal
Grey water capacity	4 x 70L-18.5USGal
Refrigerator capacity	160 L – 5.6 ft3
Freezer capacity	110 L – 3.9 ft3

**EXTERIOR**

**Sails by NORTH SAILS with reinforced offshore finish**

85 m<sup>2</sup> (915 sqft) Fully Battened Mainsail, Cross Cut in first choice Dacron, double rows of six step zig-zag stitches

52 m<sup>2</sup> (560 sqft) Genoa, Cross Cut, in first choice Dacron with Sunbrella UV protection, on roller furling gear.

**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

White lacquered aluminium front cross beam

Windex double windvane on mast head

Genoa stay in stainless steel rod

2 shrouds in white covered stranded stainless steel

## **Manoeuvres**

HARKEN genoa 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 reefing lines  
Sheets (Mainsail, Genoa) in double braid polyester  
Spinnaker gear (ball bearing blocks, halyards, stoppers)

## **Deck fitting**

HARKEN self-tailing aluminium winches  
2 Genoa sheets winches  
2 central Winches , 1 electric for mainsail manoeuvring halyard and reefing lines  
2 Winches for dagger boards and roller furling gear  
1 Winch on mast for head sail halyards  
Complete gear with HARKEN ball bearing blocks  
Mainsail Double sheeting system  
SPINLOCK stoppers  
Opening hatches and portholes for light and ventilation  
2 Opaque Deck hatches 580 x 520mm for access to front sail lockers, with vents  
4 Ventilation and escape hatches on inboard sides  
2 Roof front portholes for ventilation of the salon, 200 x 400mm  
2 Portholes on inner side of the aft cabins  
Portholes on outboard sides of the cabins  
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  
Aft guardrail in stainless steel tubes  
Stainless steel stanchions 60 cm (23 in.)  
Double life lines all around the boat with boarding gate  
10 Large deck cleats 450 mm (17 in.)  
4 Pad-eyes to set a harness or the jibe preventer  
1000 L/H (26.4 US gallon/hour) pressurized seawater pump to clean the deck, outlet at mast foot

## **Mooring**

Electric windlass with remote control, circuit breaker and control at starboard helm station.  
Possibility of manual raising  
Bridle on the stem, with built-in stemhead on front beam  
- Mooring at mast foot :DELTA anchor 25 Kg, 50 m (164 ft) of 10mm (0.4 in) chain and 10 m (32,8 ft) of 22 mm (0.9 in.) stranded Nylon warp.  
- 8 cylindrical white fenders diameter 20 cm (7.9 in)  
- Set of black braided Nylon warps, diameter 16 mm (0.6 in.): 4 x 10 m (32,8 ft) 2 x 25 m (82 ft.) et 1 x 50 m (164 ft.).

## **Helm/Steering stations**

2 polyesters steering stations with outside protection

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2 steering seats  
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, with handrails  
Soft removable windscreen for the Bimini  
Canvas removable cockpit enclosures in Sunbrella  
Built-in cockpit lights in Bimini

### **Transoms**

Completely slatted with Teak  
Built in stainless steel swim ladder, with Teak steps  
Cockpit shower with pressurized water (cold and hot)  
2 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 In-Board**

2 VOLVO D2 In-board 40 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  
Engine controls at Starboard helm station  
Fuel filters / decantors

## **ACCOMODATION**

### **Refinement of materials**

All large panels in very light and rigid Sandwich.  
Hulls floors in foam sandwich, STRATIFIL process (maintenance free)  
Cabinetry and inner planking to be defined, finishing in natural satin varnished  
Trims in natural satin varnished oak table  
Brushed aluminium decoration stripes  
Isothermal Grey Alcantara-covered ceilings  
Halogen lighting throughout  
Blind and mosquito screens on each cabin porthole  
Isothermal external roof curtains stopping sun rays and offering an excellent visibility from the inside.

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## **Comfortable Salon**

Located forward the platform and featuring a panoramic view  
Cushions in highly-resilient thick foam for an optimum comfort, covered with ALCANTARA  
Hinged Salon table with built in bar  
Halogen lighting with dimmer  
Built-in blinds

## **Galley**

L-Shaped Galley on port, with large resin countertop  
Numerous lockers, trashcan  
Double stainless steel sink with cover, chopping board  
KOK refrigeration system on hull exchanger

- 160 L stainless steel refrigerator
- 110 L stainless steel freezer

Taps with ceramic seals :

- Mixer tap for fresh water (hot and cold)

Drain tap for watermaker  
3 burners stainless steel stove and gas oven  
Gas 13Kg with EC ruled security regulator or US standards electromagnetic security

## **Navstation**

Chart table with storage, removable writing pad / laptop storage  
Rotating mobile pouf  
All the navigation and communication electronics are within easy reach  
12 V 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  
2 highly resilient foam mattresses for an optimum comfort  
Halogen lighting and reading lights above bed  
Numerous storages with shelves

## **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  
Manual head  
Numerous storages for linen and toilet articles.

## **Owner's companionway**

Sliding door for access for the salon  
Hanging locker and storages with shelves  
Vanity / Desk with pouf

## **Guest cabins**

Located aft and forward Port  
All beds on independent slatted bases, on hinges  
Highly resilient foam mattresses  
Halogen lighting and reading lights above bed  
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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 head

Storage for linen and toilet articles

Mixer tap with ceramic seals

## **TECHNICAL EQUIPMENT**

### **Plumbing**

2 Fresh water tanks of 300L with gauges

2 connectable Fuel tanks of 300 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 40L on AC current and engines exchanges

1 holding tanks of 55L 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 70L with gauges per head and for the galley

### **Watermaker**

50L/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) 4 x 115 AH SONNENSCHNEIDER

Alarm for discharge of batteries

Batteries charging capacity : battery charger 70 A / 12V, Engine alternators 115A / 12V, 320 W power Solar panels (4), flush mounted on Bimini, inverter 24V/AC of 1600 VA

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

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

Digital Ampmeter and Voltmeter

1 x 12V and 10 AC interior outlets

### **Electronics :**

**Nav station:** 7" color Radar/Chart plotter (airwave 2.2KW/24 NM), 1 Multi repeater , GPS GP32, VHF with DSC and loudspeaker in the cockpit, DB9 outlet for GPS data

**Roof bulkhead :** 1 Wind FI30 and 1 Multi repeater

**Starboard helm station :** Navpilot 511

**Sound :** 1 CD/MP3/WMA/USB/AUX/FM player with 2 loudspeakers 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 equipment**

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