

Specifications Aventura 45 S



AVENTURA
YACHTS

STANDARD TECHNICAL CHARACTERISTICS

:

Design: LASTA DESIGN STUDIO
Hull length : 13,50m
Length overall: 13.20m
Overall width: 7.60m
Light weight : 11900kg
Sail area upwind : 120m²
Draft: 1,30m
Air draft : 20,50m
Fuel volume : 2 x 200L
Fresh water volume: 2 x 300L
Black water volume: 1 x 45L
American fridge volume : 590L
Engine : 2 X 45 hp yanmar Diesel Sail Drive
Approval and design category : CE A8 B12 C28 D30
Standard configuration : 3 double cabins/3 heads.
Garantie structurelle : **2 ans**

STANDARD CONSTRUCTION

The Aventura 45 is made of monolithic polyester laminate for live works and vacuum polyester sandwich with multiaxial fibreglass and PVC foam for dead works, resin and isophthalic NPG gelcoat.
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. The panoramic view is provided by 5 Altuglass panels, thickness 15mm (details on page 4).
The opening/closing of the vessel is ensured by a customised door in black thermo-lacquered aluminium with 4 Securit glass panels and locking by key and latches in the open/entrapped/closed position.

STANDARD EXTERNAL DESCRIPTION:

Espars «Z Spars» :

17.50m type 7/8 mast in anodised aluminium with 2 tiers of spreaders.
Z Spars system with track + ball bearing cars for "Full Batten" mainsail.
Tackle with 6 trunnions for Z Spars pulleys for halyards to cockpit, trim, 3 automatic reefs.
1 Combined masthead light/deck light, 1 folding step for easy access to the cap.
3 cleats at mast foot for topping lift and lazy jack.
1 masthead light tri-colour + white 360°.
Anodised aluminium boom with 1 mainsail clew with return to the helmsman.
3 automatic reefing lines with return to the helmsman.
Anodised aluminium front beam with 1 anodised aluminium cathedral.
1 red/green light on cathedral.

Z Spars" standing rigging:

- 1 Stainless steel forestay Ø14mm with Solent Z Spars furler.
- 2 stainless steel cap shrouds Ø12mm with turnbuckles, 1 diamond, 1 martingale.
 - 2 stainless steel custom chain plates for cap shrouds.
- 2 Anodised aluminium front beam attachment chainplates.
 - Various Wichard waterproof chainplates.

Current rigging :

- 1 polyester halyard for mainsail, 1 polyester halyard for solent, 1 polyester halyard for second headsail,
 - 1 polyester topping lift, lazy jack.
- Polyester mainsail sheets on 2 hoists with 7 strands on fixed points forming the boom brake.
 - 1 polyester mainsheet line, 3 polyester reefing lines.
- 1 polyester self-tacking solent sheet, 1 polyester solent furling line.
 - Different colours for the halyards and lines. All manoeuvres are carried back to the cockpit.
 - (except lazy jack and topping lift on individual cleats at the foot of the mast)

SAILS «Elvström» :

- 1 Full Batten mainsail (70m²) and horizontal cut in Dacron 1st choice with : forced battens, 3 automatic reefs on low friction rings, ball bearing cars and lazy bag in Sunbrella.
- 1 self-tacking solent (45m²) in Dacron 1st choice on Z Spars roller furler and anti UV band in Sunbrella.
 - Sunbrella lazy bag and UV band colours:

Manoeuvring fittings :

- Mainsail system: on Harken track with adjustment sheave.
- Solent system: Harken block circuit for Solent furling line return. Locking on Spinlock cleat.
 - 1 Harken track + car + piston stoppers + blocks and return to cockpit of genoa sheet.
 - Locking on Spinlock cleat. Circuit start on Wichard folding chainplate.
- Halyards, footrope and 3 reefing systems: all halyards, footrope and 3 reefing systems are returned to the cockpit via a circuit with Z Spars, Spinlock blocks and 7 Spinlock cleats.
 - All the above manoeuvres are brought back to the cockpit on 3 Harken winches ST52 2-speed winches on the helm station.
- The Aventura 43 has a total of 3 Harken ST52 2-speed winches with a Harken long crank.
 - Separate halyard and rope colours.

Anchorage

- 1 Large central storage box at the foot of the mast with 2 stainless steel locks including :
 - Technical access fresh water tanks 2 x 300L (details on page 9).
- 1 Large storage volume and 1 watertight container for 2.75kg Butane gas bottle (bottle not supplied). Self-bailing anchor locker with stainless steel davit and hard rubber sheave, Quick 1500W electric windlass with wired remote control connected in the anchor locker.

Port aft transom:

Polyester hatch for access to insulated and soundproofed engine room.

1 Stainless steel filler cap for port tank diesel + 1 stainless steel vent.

1 Aluminium JP3 filler cap for port side steering gear access.

Air intakes for port engine ventilation.

2 SMD LED courtesy lights.

Cockpit and helm equipment and fittings :

Located on the port side, the Aventura 43's cockpit offers perfect visibility for total control of the vessel in all circumstances.

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The cockpit includes:

Return of all manoeuvres on 3 Harken ST52 2-speed winches + fittings (details on page 4).

Slots for optional navigation electronics, 1 winch crank case, 2 Nanni Diesel instrument panels with visual and audible alarms, 1 steering compass

Nanni Diesel with visual and audible alarms, 1 magnetic steering compass with compensation, backlighting and protective cover, 1 12V socket.

Goiot steering wheel: Lecomble and Schmitt hydraulic steering system.

Safety :

- 2 Stainless steel aft pulpits Ø25mm (1 per skirt)
- 3 Stainless steel aft pulpits Ø25mm closing the cockpit + 2 floors of stainless steel turnbuckles and pelican hooks.
- 4 Stainless steel handrails around the cockpit hatch.
- 1 stainless steel handrail under cockpit hatch. 4 stainless steel scuppers and teak grating in cockpit.
- 2 manual emergency bilge pumps with membrane.
 - 2 Fuel cut-off valves.
 - 2 SMD LED courtesy lights.

Engine shims :

- 2 Yanmar 45hp engines, insulated and soundproofed with honeycomb foam
 - 1 Diesel filter/settler per engine, 1 Water filter per engine
 - 1 Aluminium 350L diesel tank per engine Sail Drive systems.
 - 2 Fixed three-blade propellers.
 - 2 Anodes.

Equipements et Deck equipment and

Comfort :

- 1 Medium comfort mesh trampoline with Ø4mm pre-stretched polyester ends.
- 1 Stainless steel backrest Ø25mm around the trampoline with Beluga tubular cushions.
 - 2 Black ABS fresh water filler caps with octagonal key lock.
 - 2 Stainless steel filler caps for Holding Tank drain.
- 1 Large watertight storage locker with stainless steel locker on port bow and locker restraint in open position including: storage space for sails, technical compartment for port Holding Tank and piping, easy access and maintenance by laminated polyester anti-slip steps in staggered pattern.
 - Technical compartment for optional generator.
- 1 Large watertight storage locker with stainless steel locker on starboard bow and locker restraint in open position including: large storage volume, technical compartment for starboard Holding Tank and piping, easy access and maintenance by laminated polyester non-slip steps in staggered pattern.
 - Technical compartment for optional watermaker unit.

Safety

- 8 stainless steel stanchions + 2 tiers of stainless steel turnbuckles.
- Terminations of stainless steel rods on front balconies Ø25mm with Iroko seats (1 per hull) and rear balconies.
- 4 Wichard folding chainplates for lifelines (lifelines not supplied).
 - 2 Large stainless steel handrails on hatch for walkways.
- 6 Stainless steel mooring cleats + 6 stainless steel martyrs.

STANDARD INTERIOR DESCRIPTION :

Generalities

Solid wood cabinetry.
Woodwork in CP CTBX laminated with washed oak.
All cushions are removable and machine washable.

Equipment and fittings for the saloon/kitchen :

Kitchen :

Trays for kitchen worktop and windscreen cladding in synthetic resin
Polished stainless steel sink with 2 built-in basins with draining system, stopper and cover in synthetic resin.

Mirror-polished stainless steel mixer tap with pressurised hot and cold fresh water.

Built-in waste bin with black ABS bin and brushed stainless steel lid (volume 25L).

Built-in Eno hotplate with 3 stainless steel burners and electronic Piezzo ignition, thermocouple safety device, tempered glass lid and pot holder kit. Power of the fires 2 x 1,75kW and 2,5kW.

Stainless steel gas oven: power 1,8kW.

Saloon/bar/kitchen equipment and fittings (continued) :

Saloon:

Corner sofa in Beluga with 2 volumes of storage space under the seats.
Wooden square table 160 x 70cm with low fargues on 2 fixed aluminium legs.

Aft port cabin (Owner's hull) :

Large wardrobe and storage units with wooden fronts and doors, push buttons and stainless steel hinges.

Double bed on foam mattress.

2 Halogen reading lights 10W with integrated switch.

1 SMD LED ceiling light with polished stainless steel finish and independent switch.

2 ventilation windows.

Shower room and WC on port bow (Owner's hull) :

2 washbasins with chrome-plated brass drain. Gravity drain.

Mirror polished stainless steel mixer tap with hot and cold fresh water under pressure for washbasin.
1 x 12V socket.

Base units for storage with gelcoat finished polyester door, push buttons and stainless steel hinges.
Sanimarin SFA 12V electric toilet with 1 Holding Tank of 45L with gravity drains and stainless steel deck fittings,

Starboard Forward Cabin (Guest

Large wardrobe and storage units with wooden fronts and doors, push buttons and stainless steel hinges.

Double bed on foam mattress with cover

1 10W halogen reading light with integrated switch.

1 Ceiling light with polished stainless steel finish and independent switch.

Shower room and WC for starboard forward cabin (guest hull) :

1 Washbasin with chrome-plated brass drain. Gravity drain.

Mirror polished stainless steel tap with hot and cold fresh water under pressure for washbasin.
High cabinet for storage with stainless steel fargues.

Mirror, soap dish, towel rail, stainless steel handrails, 1 x 12V socket.

Base unit for storage with gelcoat finished polyester door, push buttons and stainless steel hinges.
Electric toilet Sanimarin SFA 12V with 1 Holding Tank.

TECHNICAL EQUIPMENT :

Plumbing:

- 2 Aluminium fresh water tanks
(fresh water gauge with switch for tank 1 or 2 and backlight)
- 1 independent pressurised water unit with expansion tanks and filter.
 - 1 Electric water heater of 75L on motor exchanger and 220V.
 - 2 Holding Tanks of 45L
 - 2 Electric and automatic bilge pumps (1 per hull).
 - 1 Manual bilge pump with cockpit control (1 per hull).

Electricity :

- Operating voltage 12V DC and 220V 50Hz AC including :
 - 1 77AH dry cell battery per engine (maintenance free).
 - 2 330AH dry batteries for service (maintenance free).
- 1 Waterproof 220V shore power charger/socket with 10m extension lead.
 - 2 100A/12V engine alternators for batteries.

Note:

The purchaser of the vessel is advised that the addition of the options listed below may affect the weight and some of the

«Elvström» Gennaker:

Gennaker on furler block on aluminium cleat.
Bowsprit and Z Spars bridle, held in place by bungee cord, tack on Z Spars block and blocking on Spinlock cleat.
Polyester sheets returned to helm station on pulley system

Asymmetric spinnaker "Elvström" :

Asymmetric spinnaker restrained by Sandow, tack on Z Spars and blocking on Spinlock cleat.
Polyester sheets returned to the helm station on Harken block circuit, blocking on Harken winches

Symmetrical spinnaker "Elvström" :

Symmetrical spinnaker, Harken pulley system
2 of which can be hit on the front mooring cleats.

Davits for dinghy:

2 White thermo-lacquered aluminium davits with Delrin sheaths

GARMIN Pack n°1 :

Pack including Garmin GPSMAP 922 Plus 9 inch GPS, gWind wire windvane sail with GMI20 and DST800, REACTOR 40 autopilot on electric jack, VHF 215i, AIS 800 transponder and its GPS/GLONASS GA38 antenna.

GARMIN Pack N°2 :

Pack including Garmin GPSMAP 1222 Plus 12 inch GPS, gWind wire windvane sail with GMI20 and DST800, REACTOR 40 autopilot on electric jack, VHF 15i, AIS 800 transponder and its GPS/GLONASS GA38 antenna, GHC 20 additional pilot controller, GMI 20 additional navigation unit and GHS 11i microphone handset.

The essentials on board (offshore safety equipment)

Mooring line including: 1 Delta anchor 24kg 80m of Ø12 mm calibrated chain

Safety: 10 Plastimo Pilot Race 150N hydrostatic self-inflating waistcoats with underwire, straps, flash lights and 10 harnesses, horseshoe buoy with cover, reversing light and 40m of floating rope.

Port and starboard lifelines on snap hooks on 4 Wichard folding chainplates.

Stainless steel BIB rack with BIB in 8 person Transocean container and over 24 hours of gear.

1 Offshore first aid kit, 3 x 1kg foam extinguishers with pressure gauge and holder, 1 tubular radar reflector, 1 standing and running rigging shears, 1 foghorn, 1 black ball, 1 black cone.

1 signal mirror, 1 pair of binoculars, 1 set of pinoches.

1 waterproof torch, 1 boat hook, 40m of Ø16mm tow rope, 1 mast chair.

3 automatic hand-held red lights, 3 parachute flares, 2 floating smoke bombs (Marine block, national flag and batteries not supplied)

Maintenance and miscellaneous: 1 bucket with 2 sponges, 1 brush, 1 soft broom, 1 hose on reel with lance, quick coupling and tap adapter, 4 mooring lines 15m Ø18mm, 8 PVC fenders, 1 WD40.

1 hose on reel with hose nozzle, quick coupling and tap adapter, 4 15m Ø18mm mooring lines, 8 PVC fenders, 1 WD40.

1 Hull and deck cleaner 1L to be diluted.

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