

Specification list X-Yachts Xc 50 "Freedom"

Length: 14.99 m

Beam: 4.56 m

Draft: 2.35 m

General:

Designer: Niels Jeppesen

Shipyard: X-Yachts - Denmark

Hull number: DK-XYA50201C010

CE-category: A

CE max weight: 2,477 kg

Passenger capacity: 16

Hull shape: roundbilge

Hull colour: white

Deck colour: white

Deck construction: grp - sandwich with teak

Windows: Moonlight Flush deck hatches (with Lewmar Ocean Air mosquito nets and shadings) and port holes (with Lewmar Ocean Air Luxaflex)

Cockpit: aft cockpit

Vertical clearance: 21 m

Draught: 235 cm

Waterline length: 1,351 cm

Displacement: 16,085 kg

Ballast: 6.685 kg

Steering system: wheel - 2x Jefa pedestal with 2x stainless steel double-spoke steering

wheel covered with leather and provided with grey covers over the top of the steering wheels

Position steering system: outside

Rudder: single

Keel: fixed fin keel with a bulb

Comments:

White (RAL 9010) GRP hull with grey (RAL 7011) X-Yachts striping.

Teak on cockpit seats and teak on cockpit floor.

12 Volt LED courtesy lighting in cockpit.

All cockpit lockers lids are provided with a gas pressurized spring.

Central lifting eye with a galvanised shackle and GRP lifting line.

Stainless steel fairlead (also midships).

2x Stainless steel dorade (air vent) on the superstructure with a stainless steel protection bar.

The underwater ship has been provided with a two layers of antifouling and a new anode in 2019.

Accommodation

Cabin

Headroom: 205 cm

Cabins: 3 - fore cabin and 2x aft cabin

Berths: fixed: 6 extra: 2

Type interior: Classic, warm - teak interior

Upholstery: blue Alcantara fabric

Mattresses

Cushions

Curtains

Water tank & material: 800 litre stainless steel - (divided over 3 tanks; 1x 250 liter, 1x 280 liter and 1x 270 liter)

Water tank gauge

Waste water tank: 110 litre stainless steel - (fore tank : 60 liter and aft tank : 50 liter)

Waste water tank gauge

Deck suction

Water system: pressure electric Johnson waterpump

Hot water: approx. 40 liter stainless steel Isotherm boiler (heated by the engine or by 220 Volt shore power)

Number of showers: 2x bathroom with 2x shower (both with a foldable synthetic material shower screen)

Toilets: 2 Manual Jabsco

Radio/CD player: JVC radio/CD-player with JVC speakes in the saloon and Bose cockpit speakers

DVD player

Cooker & fuel: 3 burner(s) gas stainless steel Force Ten

Oven: stainless steel Force Ten

Microwave: Eno

Fridge & power source: electric front loader with a Isotherm cold battery and compressor

Freezer: toploder fridge/freezer with a Isotherm compressor and a freezer compartment in the front loader fridge

Heating: hot air central heating - Eberspracher Hydraunic M ; closed system

Comments:

The main headboard and the cabinets in the saloon are equipped in teak and in some places with white panels.

In the saloon stays a two-persons pouffe next to the saloon table.

LED ambient lighting in the saloon and in cabins.

LED interior lighting.

In the fore bathroom is a so called wet cell (where for example a washing machine could be placed).

The fore cabin has a A1 central bed.

All cabins are provided with a slatted base under the mattresses.

The galley is equipped with a Corian worktop with 2x stainless steel sink.

X-Yachts table ware.

In the spring of 2017 is the burner of the heating replaced.

Shower in cockpit (with hot and cold water).

Engine, electrics

Number of identical engines: 1

Brand: Yanmar

Model: 4HJ4-HTE Turbo

Serial number: E23508

Year: 2010

Power: 1x 110 hp / 82 kW

Hours counter

Engine hours: 600 (estimation of the seller, hour counter can not be read)

Fuel: diesel

Fuel consumption: 4 litre/hour

Gearbox: Yanmar

Transmission: shaft

Propulsion: 3 bladed 24' Gori feathering propellor

Cooling system: indirect

Fuel tanks: 3 (devided over 3 tanks; 1x 100 litre day tank, 1x 245 litre and 1x 270 litre)

Total fuel tank(s) capacity: 615 litre

Material fuel tank: stainless steel

Max speed: 9 knots

Cruising speed: 8 knots

Fuel tank gauge

Tachometer

Oil pressure gauge

Temperature gauge

Bow thruster: electric - 24 Volt retractable Max Power Compact bow thruster with 2x 3-bladed propellor

Battery: 8x domestic battery, 1x Optima Blue Top starting battery and 2x Mastervolt Bosch 130 Ah AGM bowthruster battery

Battery charger: Mastervolt Mass Combi 24V/2.000W/60A

Alternator: 1x 75 A - 24 Volt Mastervolt and 1x standard dynamo

Battery monitor

Generator: Fisher Panda 6000 I PMS with 14,8 hours

Inverter: Mastervolt Mass Combi 24 V / 2.000 W / 60 A

Voltmeter: Victron Energy Battery Monitor

Shore power: fixed shore connection with a circuit breaker

Shore power cable

Consumption monitor

Voltage: 12V 24V 220V

Comments:

Several 12 and 220 Volt sockets.

Delphi dieselfilter with water seperator.

Mastervolt Inverter Charger Control display.

Mastervolt Alpha-Pro MV 24V.

Alphatronix PowerVerter PV6s Converter (24V-12V).

Alphatronix PowerVerter PV12s Converter (24V-12V).

Sterling Power Products Zinc Saver / Galvanic isolator.

ProSave E - max. 30 A.

2x Mobile Climate Control Blower Drive Assy.

HMI Marine Silencer exhaust Waterlock.

The engine anually got a maintenance service, and last one executed in November 2017.

Navigation and electronics

Compass: Suunto on the cockpit table (with a air bubble inside)

Log/speed: Raymarine ST70+ (with a stain in the screen)

Depth gauge: Raymarine ST70+ (with a stain in the screen)

Wind gauge: Raymarine ST70+ (with a stain in the screen)

Navigation lights: 3-colour Lopo top (LED)-, Lopo Strobe-, anchor-, steam-, deck -(60 Watt with remote control in the cockpit), LED bow-, LED stern- and cockpit -(in the boom) lighting.

Charts, guides

Rudder position indicator: via autopilot

Autopilot: Raymarine Smartpilot X30 with a Raymarine ST70+ Control Panel

control panel at the pedestal with a Ray SPX-30 processor, a hydraulic linear drive and a Wireless Raymarine Smart Controller

GPS: 1x Raymarine E140W hybrid touch and 1x Raymarine E90W hybrid touch

Chart plotter: 1x Raymarine E140W hybrid touch and 1x Raymarine E90W hybrid touch

the Raymarine E140W at the chart table and the Raymarine E90W is mounted on the head end of the cockpit table

Radar: 1x Raymarine E140W hybrid touch and 1x Raymarine E90W hybrid touch with a Digital Raymarine antenna the Raymarine E140W at the chart table and the Raymarine

E90W is mounted into the head end of the cockpit table. The radardome is mounted on the first spreader (on the portside)

AIS: Raymarine AIS 500 Transponder

VHF: 2x Raymarine Ray 240E (inside and outside) with a speaker in the cockpit

Comments:

Raymarine ST70+ Remote control display on the head end of the cockpit table (by which the Raymarine displays from the steering position can be controlled).

Rig and sails

Sailplan type: fractional sloop 19/20 rigged

Number of masts: 1

Spars material: aluminium keelstepped John Mast, off white painted aluminium Easy Furler boom with fixed John Mast Rodkicker, Rod Rigging rigs with 3 sets of spreaders and a hydraulic Navtec backstay tensioner

Bowsprit: fixed

Standing rig: ROD rigging

Sail surface: 133 m²

Number of sails: 3

Sails material: dacron & Soft Norlam

Sails manufacturer: North Sails

Main sail: North Sails : fully battened furling mainsail (in the boom)

Jib: North Sails : furling High Aspect jib

Furling foresail: Reckmann furling system

Winches: stainless steel Andersen winches : 2x 68STE (24 Volt - genoa sheet), 2x 52ST (mainsheet) and 2x 46ST (1x 24 Volt and 1x manual - halyard winch)

Electric winches: 3

Manual winches: 3

Self-tailing: 6

Comments:

North Sails : rollable Code-0.

Aluminium John Mast spinnakerboom, hanging on the frontside of the mast.

The mainsail and the HA jib are annually serviced by a sail manufacturer.

In June 2017 the mainsail and the High Aspect jib are washed.

German main sheet system.

Ronstan mainsheet traveller on the superstructure and Ronston deckgear, genoa rails and blocks.

Spinlock CAM 0814 XCS halyard stoppers under the sprayhood.

Foldable aluminium Maststeps on the mastfoot.

The stainless steel bowsprit is enforced with a double Rod water rig.

Windex on masttop.

Rig checked by Surveyor according HISWA regulations

Deck Equipment

Anchors & material: 1 25 Kg Delta galvanized with a stainless steel swiffle and approx. 50 meter chain

Anchor connection: chain

Anchor windlass: electric 24 Volt Quick High Performance

Sprayhood: fixed window with aluminium frame and a light grey sprayhood (center window can be zipped open) with a temperable cockpit tent

Boat cover: winter deck cover (to be placed over the entire yacht with standing mast)

Sea rails: stainless steel stanchions, pulpit, pushpit with seats (the teak veneer, which is on these 2 waterproof plywood boards, is worn) and double wired stainless steel guardrail with amidships openings

Swimming platform: electric folding (control next to the motor panel at the starboard pedestal) and provided with teak

Swimming ladder: stainless steel

Teak deck

Fenders, lines

Cockpit table: Fixed cockpit table with 12 Volt LED lighting, foldable teak side blades and a cover.

Comments:

2x stainless steel handlebars on the superstructure (on both sides).

The stainless steel bowsprit is on the front side finished with 2 wooden boards (the teak veneer, which is mounted on these 2 waterproof Multiplex boards, is worn)

Safety

Life buoy

Life raft: 6 persons Seago Offshore life raft in a valies (must be checked in 2018)

Bilge pump: Manual Electric

Fire extinguisher: 3x fire extinguisher (recently checked)

Radar reflector

Life jackets: 6 automatic life jackets (must be checked)

Gas bottle locker with drain

Self-draining cockpit

Comments:

Emergency tiller.

Fold-away safety eyes in the cockpit (for Life-Lines).

Vetus gasdetector.

Surveyor report 2019 in Dutch available.

Extra information from the yard

X-Yachts Design Group :

Dear Fellow Yachtsmen,

The XC-50 delivers a long-distance cruising experience beyond all expectations. Drawing on our wealth of experience, it represents the third in a family of innovative new generation cruisers, that use the best transferable features from our racing

and performance yachts. Throughout the entire design process, our ambition has been to create the optimum characteristics for long-distance cruising. Our working philosophy has stressed the importance of reaching each new destination in the most relaxed and pleasurable way. We all have an idea of the perfect sailing lifestyle, our own nautical heaven. Whatever your dream is, the XC-50

will take you there in style and comfort: The perfect cruising companion. Our best wishes for a memorable and enjoyable cruise.

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