

X-102 SPECIFICATION AND DESCRIPTION

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The X-102 comes in either a:

- THREE QUARTERS FINISHED VERSION or
- COMPLETE from the yard

in both versions equipment is as listed!

The three quarters finished version requires approx. two hundred hours to complete:

- the motor is installed
- all bulkheads are glassed in
- keel and rudder are attached
- all wooden parts for completion of accommodations are precut and ready to install
- mast and rig are supplied complete

The X-102 is primarily meant as a fast and comfortable family off-shore boat, with the emphasis put on family comfort onboard. Three separate cabins provide a high degree of privacy. Children or friends are grateful for having their own cabin, while the racing crew appreciates being able to rest properly on distance races.

From a racing point of view, the X-102 is a functional, well laid out boat with exceptional sailing characteristics, its forte being windward work, a feature essential for both a fast off-shore boat, and a comfortable cruiser. The X-102 is both stiff and dry, and the modern rig ensures a minimum of sail changing.

The mast section is a thick-walled "NORDIC MAST" (formerly "Elvstrom Mast") which has undergone thorough testing, including international misuse (the omission of runners in heavy weather) and has proved eminently suitable for a modern 3/4 tonner.

The fact that the X-102 was overall winner of 3/4 Ton Cup in both 1981 and 1982, proves it possible to present a well founded family boat with a racing pedigree, without having to resort to superlight displacement!

The X-102 which won the 3/4 Ton Cup in 1981 and 1982 were both so-called RACING VERSIONS. A X-102 RACER is a optimized standard X-102, where hull and deck are built more light. The layout is more racing minded with 4 adjustable alu-pipe berths under the cockpit etc.

The difference between the X-102 STANDARD and the X-102 RACER minor enough to let a completely standard X-102 win the 3/4 Ton Cup in Cowes Week in 1982 over various toptrimmed DB-1, a X-102 RACER as well as some fast "oneoff's".

HULL/DECK:

- hand layed-up glass sandwich with compressed foam core
- solid glass laminate in floors, rudder, and all through-hull fittings
- three coloured waterlines plus coloured cabin sides are moulded in. (Optional)
- hull and deck joined with special polyester binder, reinforced with through-bolted toerail

RUDDER:

- hand layed-up, kevlar-49 reinforced, rudder stock of 75mm diam.
- special aluminium alloy, tapered at ends for max. strength, min. weight
- meets newest I.O.R. requirements
- 10% higher safety margin than Norske Veritas

KEEL:

- cast iron, glassed in with three layers glass
- super high finish
- fastened with six 20 mm keel bolts

BOTTOM CONSTRUCTION:

- floors at keel and mast are galvanized TBS steel sections, longitudinally connected with same material
- floors are glassed in with eight to twelve layers glass (25 mm)
- solis laminate in whole floor area

MAST/RIG:

- through deck, stepped on foremost floor
- double spreaders, tapered 2800 mm at top
- equipped with windex, windex-light, motor-light,el-leads for extra top installation, main halyard, two headsail halyards, two spinn. halyards, topping lift, track and car for spinn. pole
- boom of robust section, with two internal slab reefs,
- wire outhaul, and wire flattening reef, all lead to cockpit
- stainless rigging is 1 x 19 stainless wire in 4- 7 mm

VANG/KICKER:

- solid stainless with multi-purchase tackle, serves as boom chutch

SPINN. POLE:

- 3.36 m x 75 mm
- internal realise, bridle for up-haul and down-haul
- stored in special fitting in deck

LIFE LINES:

- bow pulpit with teak step guarding comb. running lights of recognized type
- double after-pulpit with flag-pole fitting, stanchions with double life-liners, I.O.R. required height (61 cm)

BLOCKS:

- Lewmar 2 blocks for running backstay, Lewmar 1 blocks for mainsheet
- Harken winckblock with cleat for mainsheet
- OH-blocks for lower backstay, ball bearing blocks for halyards, six double lead blocks for cockpit controls

SHEETS/LINES:

- main and Genoa sheets
- running backstays complete
- main traveller control lines
- 4 X 10.0 m docklines
- 30.0 m anchor line with lead line or chain

OTHER EQUIPMENT:

- 2 x Lewmar 40 for halyards and Genoa sheets (two speed)
- 2 x Lewmar 24 for spinn sheets (two speed)
- 2 x Lewmar 16 self tailing, for backstays (1:4)

3 locking winch handles, 12 sheets stoppers, 4 Genoa tracks, 2 stainless cars for running lowers, 2 Genoa sheet cars, ballbearing traveller car on curved crack for mainsheet, 2 alu toe-rails, 4 mooring cleats, 3 clam cleats with leads, 8 stainless hinges and 5 locking devices for hatches, curved skylight over head, mast collar in stainless with 12 turning blocks for halyard/reef, rear hatch plus 2 sliding hatches in 12 mm curved plexiglass, 2 windows in lexan let into cabin sides, 2 stainless ventilators in companionway hatch, telescopic support for aft hatch, bow fitting and chainplates of stainless, diesel and water filling caps Qndeck, rear running light on transom.

BILGE-PUMP:

- in cockpit
- meets I.O.R. requirements

LIFERAFT:

- space for 6 persons, liferaft under navigate seat

MOTOR:

- 15 HP Yanmar 2 cyl. Marine diesel
- rubber mounted on floors, in double walled glass box with sound proofing lining
- 25 mm prop. Shaft through triple bearings, 17" folding prop. With zincanode
- 50 litre diesel tank with gauge

WATER:

- 105 litre tank
- 2 foot operated pumps
- reinforced hoses
- stainless sink in pantry and head

ELECTRICAL INSTALLATION:

- 2 x 70 amp. H. special batteries in fiberglass case
- two electrical panels, main switch, 10 x bracket lamps,
- 1 neon lamp, two chart table lights

HEAD:

- hand pump marine toilet

LINING:

- hull lined with cork in salon, forepeak and aft cabin
- roof lined with matt - finished khaya-mahogany
- deck lined with textures gel-coat

CUSHIONS:

- all cushions covered with 100% woll - zip-removable

COOLER:

- 100 litre self-draining galss ice-box insulated with foam

INTERIOR/ACCOMODATIONS:

- Matt-finished Khaya mahogany veneer, solid laminated mahogany mouldings and cornets. Cabin sole of teak/gaboon - matt-finished. Table tops in pantry, chart table and head of malamin plate. Fold-up bunks in forepeak. Removable table in salon, on strong steel support

ANCHOR:

- 12.5 kg mushroom anchor

FIRE EXTINGUISHERS:

- 2 x 2.0 kg dry chemical extinguishers