

One Design Class

INTRODUCTION

X-79 was introduced in Denmark in 1979 as a very fast one design boat in the popular size of approx. 8 meters. Here, the importance was attached to combining the sailing performance of the racer with the comforts of a family boat.

Since the X-79 was introduced she has won all important races in Scandinavia and she is now gaining a footing as IOR class V-yacht in Western Germany and Switzerland. Here, the X-79 won *KIELER WOCHE* (Kieler week) and obtained double victory in *FLENSBURGER HERBST WOCHE* (Flensburger Autumn Week).

The largest race in the world is the Danish *SJÆLLAND RUNDT* (Round Seeland). For the last years X-79 has participated with very impressive results, very often first to finnish/overall winner and almost always with 4-8 X-79's out of the 10 first yachts to finish.

Today, the X-79 is one of the most active classes with many races being arranged especially for X-79 yachts in Denmark. Furthermore, there are many X-79's participating in the traditional Off-shore races such as: *ROUND FUNEN*, *ROUND SEELAND*, *ROUND SAMSØ*, *ROUND MØN*, *GORDON GIN CUP*, etc.

The existence of IXSNA (International X Seventy Nine Association) confirms that X-79 belongs to one of the few designs where class rules and class organisations provide the class with a standard of racing, where the importance is attached to the ability of the crews and at the same time this confirms a high value for re-sale. Everything related to the speed of the boat is strictly linked by the one-design rules and small tolerances supervised by a *Technical Committee*. Thus the fittings in the X-79 boat are arranged in a way that makes it possible to exchange or borrow boats at international races.

The X-79 has proven it possible to build boats strong enough and stiff in spite of low displacement. Yet without compromising on materials and suppliers.

HULL / DECK

Fibre glass hand laid-up in sandwich construction, solid laminate at keel, rudder, and all through-hull fittings. The deck is reinforced with laminated plywood at all fittings and sheet tracks.

RUDDER

The rudder is equipped with fibre glass reinforced sandwich rudder blade with rudder stock of 25 mm

stainless steel triple bearings for high strength.

KEEL

670 kg stain protected cast iron keel, covered with fibre glass and secured with 6 x 16 mm keel bolts in stainless steel.

FLOOR CONSTRUCTION

20-25 mm solid fibre glass connected with 5 heavy oak floors. These are connected with the glassed-in longitudinal stringers in the form of berth fronts.

MAST / RIGGING

Through-deck mast standing on the forward floor. Equipment: 1 set of spreaders, 1500 m tapering at top, 3 colour light, windex, mainsail halyard, genoa halyard, spinnaker halyard, topping-lift, and 3 fixed eyes for spinnaker pole. Inner tightening of mast. Boom in strong lightweight section with 2 reef lines led to the cockpit, and with wire boom out-haul. Standing and running rigging in 1 x 19 stainless wire, 4-5 mm.

BOOM-KICKER

Rope 8 to 1 stainless kicker also used as topping-lift.

LIFELINE

Forward pulpit with single lifelines.

BLOCKS

4 x 8 mm double blocks, 2 x 8 mm double blocks with opening jammer, 5 x 8 mm single block, 1 x 10 mm double block with opening jammer, 4 x 10 mm single block, 2 genoa sheet tracks with 12 mm single blocks.

SHEET / ROPES

Sheet for mainsail and genoa, mainsail track traveller lines, backstay and running lowers.

WINCHES / WINCH HANDLES

2 x Lewmar 7 black anodized, 1 Lewmar 6 black anodized, and 2 lockable winch handles in 10" (Fr. Andersen).

OTHER DECK EQUIPMENT

7 winch stoppers, 3 cam cleats, 3 jammers, 2 cleats, 3 mooring cleats, 2 lifeline rails, 2 x 252 sheet tracks, ball bearing traveller, Electrolux ventilator, 2 stainless ventilations grates, hinges and locking fittings for aft hatches, mast ring in stainless steel with eye bolts for halyard blocks, bow fittings and all chainplates in stainless steel, rudder head in stainless steel and brass, companion way hatch in GFK with brass locker, 2 windows in 12 mm plexiglass.

Continued page 2..

EQUIPMENT BELOW DECK

First class veneer faced Khaya mahogany plywood, mat-finished, galley and charttable, 2 pilotberths with lee-cloths, 4 x berths (aluminium pipe) with upholstery, canvas-pockets on aft bulkhead by cockpit.

FRESH WATER

15 litre water tank, hand pump, stainless steel sink, outlet with gate-valve.

EL-INSTALATION

70 AmpH battery in special plastic box, 4 lights, 1 charttable lamp, fusepanel with 8 switches, main switch.