



SELDÉN

Flying Dutchman

Class Data Sheet

Seldén Masts are the worlds largest spar maker and supply more race and championship winning masts that any other manufacturer.

Seldén have worked with some of the top Flying Dutchman sailors to develop a range of spars with characteristics to suit all crew weights.

Technology

All our Carbon masts are individually designed for a specific class using the latest in design expertise and software. Carbon filaments are CNC wound on to a mandrel under tension that guarantees a consistent and accurate filament fibre formation that is consistent from spar to spar.

Only the highest grade of pre-pre carbon fibre are used to give sailors the best stiffness-to-weight-spar. The pre-preg carbon tows are UV stabilised to give a guaranteed long life, even in the sunniest of climates.

More fibres and less resin, means lighter, stiffer masts.

Masts

Series 3 Manufactured in Intermediate Modulus Carbon (T800) with a more traditional teardrop shape. This profile gives better stiffness ratios fore and aft to counteract upwind kicker loads. A plastic sail track is glued on as standard.

Series 2 Manufactured from High Modulus Carbon (M40J), with a smaller round profile with glued on Carbon Track. Less windage and smaller area for a faster spar. **This mast can be only purchased through Bojsen Møller Sails*

Booms

Our BC089 boom section is ideal for Flying Dutchman Booms, Light weight and stiff utilising high quality Selden fittings throughout. A internal 2:1 outhaul is supplied as standard.

Spinnaker Poles

Our 33mm carbon spinnaker pole tube uses our new pole end fitting which is the strongest and most reliable available.



Section	Weight Kg/m	Stiffness F/A	Stiffness Athwart
Series 2	0.511-1.008	6-19	6-14
Series 3	0.43-0.65	10-16	7-13

Features & Fittings

•All masts are made from T800 or M40J carbon tows.

•CNC filament winding for ultimate accuracy.

•Autoclave cured for ultimate consolidation of material.

•UV stabilised for a long life of shining.

•Carbon patching in Highload areas where fittings are located.

•Ball bearing spinnaker halyard and pole lift boxes.

•Fully adjustable spreader system, carbon section available on request.

•Vernier spreader length adjusters.

•Gooseneck with stainless steel spigot and positive lock.

•Optional extended gooseneck. Automatic release of outhaul and boom squares further downwind.

•Integrated take off for rig tension system.

•Light weight sheaved heel.



Art.No.	Description
D14-CC064-0778B	FD CARBON MAST INT MODULUS CBN
D14-CC054-0778*	FD S2 HIGH MOD CARBON
D14-C075-0775	FD MAST GAMMA OVERLENGTH
RIGP-0776TBD	FD RIGGING PACK - CARBON MAST
BC089-0776	FD CARBON BOOM COMPLETE
SC039-0776	FD CBN SPIN POLE 39MM

Seldén Masts Ltd
Lederle Lane, Gosport
Hampshire. PO13 0FZ. England.
Tel: 01329 504000
www.seldenmast.com