



SELDÉN

Phantom

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 Phantom 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

Three sections are available Series 1, Series 2 and Series 3

Series 1 is a round profile section with a one piece moulded Carbon track, 45mm in diameter for a more aero profile.

Series 2 is a round profile section with a Plastic track glued on. Series 2 has a lighter section weight along with its smaller more aero profile

Series 3 is a more traditional profile with a plastic track glued on. This profile gives better stiffness ratios fore and aft to counteract upwind kicker loads.

Booms

Our BC086 boom section is ideal for the Phantom. Light weight and stiff utilising high quality Seldén fittings throughout. A internal 2:1 outhaul is supplied as standard.



Section	Weight Kg/m	Stiffness F/A	Stiffness Athwart
Series 2	0.92	16.0	12.0
Series 3	0.96	18.6	12.9

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 heel.



Art.No.	Description
D14-CC045-0693	PHANTOM CARBON MAST S1 HIGH MOD
D14-CC054-0693B	PHANTOM CARBON MAST S2 IMOD
D14-CC064-0693	PHANTOM CARBON MAST S3
RIGP-0694	PHANTOM RIG PACK
BC086-0693B	PHANTOM BOOM

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