

Class Data Sheet

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



Seldén have worked with some of the top 470 sailors to develop the most complete range of spars for the class which now includes ZETA, our newest section.

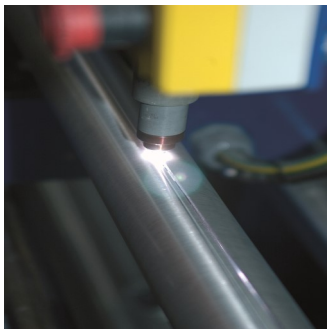
We are able to offer 3 stiffness's of mast allowing teams to choose the ideal spar for crew weight and expected regatta wind conditions.

Technology

All our tapers are CNC plasma cut and auto welded making the most consistent masts available. This is vital for effective two boat tuning and to ensure race and spare masts will have identical bend.

Our tapers are parabolic instead of straight meaning the bottom of the taper is relatively stiff where loads are high while the tip is relatively soft where the loads are low. This gives a more even bend curve across the top section.

We heat treat all our spars in our own oven to deliver a higher hardness specification. This means our masts are strong and can bend further without breaking or taking a permanent set.



NEW FAST FEATURES

All 470 masts and booms are now made from a new aluminium alloy specifically developed for Seldén. XPS alloy is harder and stronger than the material used by other spar makers.

Our new, finer parabolic taper provides a more responsive mast top section.

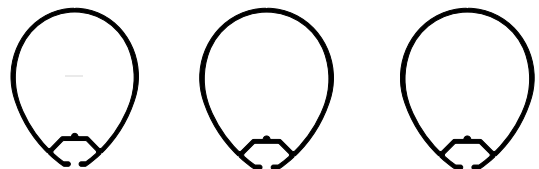
Masts

Zeta is our latest section developed specially for lighter 470 teams. The main section is about 10% softer than Cumulus. Internal sleeving provides extra stiffness at deck. The result is a mast which provides earlier gust response but remains controllable in the lower panel.

Zeta was used in the Women's class to win gold at the 2012 World Championship and Silver at the 2014 Junior World Championships.

Cumulus is our most popular 470 section. It provides an excellent balance of stiffness, weight and gust response.

Alto was developed for the light wind conditions of Beijing. Being 5% stiffer than Cumulus it is used by heavier teams looking for extra power in marginal conditions.



Section	Weight Kg/m	Stiffness F/A	Stiffness Athwart
Zeta	0.96	18.6	12.9
Cumulus	1.04	20.4	14.4
Alto	1.07	21.5	15.0



Quality Fittings



Fully Adjustable Spreader System.



Spreader Length Adjuster.



Gooseneck with stainless steel spigot and positive lock.



Optional Extended Gooseneck.

- Welded in headbox.
- Optional halyard lock.
- Ball bearing spinnaker halyard and pole lift boxes.

Spinnaker Poles

Our 42mm tapered poles use our new pole end fitting which is the strongest and most reliable available.

The tube itself is 6082T6 aluminium for maximum strength.



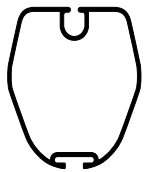
Booms

Our new Ultima boom section has been optimised specifically for 470 class rules to provide maximum vertical stiffness. The section uses the minimum possible wall thickness in the side walls with more material in the top and bottom. Removing the lower track has reduced weight and increased efficiency. Sheet and vang fittings are permanently positioned.



The Ultima boom uses XPS alloy which is both harder and stronger.

Versions are available with a simple 4:1 outhaul or no outhaul so sailors can fit more complex systems.



Our more traditional Olympus section is lighter but not so stiff as Ultima. The outboard end is cutaway to reduce weight. The boom is supplied with a simple 4:1 outhaul as well as sliding mainsheet and kicker eyes.

How to Order.

Seldén Masts work with 470 teams on a direct basis. All enquiries and orders can be placed with our UK factory for direct shipment. David Hayes is a former 470 sailor and our class specialist. Email dh@seldenmast.co.uk

Seldén also have a network of global dealers. Details can be found on our web site.

Art.No.	Description	Price
D14-C068-0531	470 Mast Zeta unriggered	£605.68
D14-C069-0531	470 Mast Cumulus unriggered	£605.68
D14-C071-0531	470 Mast Alto unriggered	£605.38
RIGP-0474	470 Rig Pack	£278.24
B072-0474D	470 Boom Olympus	£170.12
B073-0474	470 Boom Ultima (no outhaul)	£192.15
B073-0474A	470 Boom Ultima (basic outhaul)	£192.15
S042-0474	470 Spinnaker Pole, 42mm	£77.30

- Prices are in £ Sterling. Euro pricing available on request.
- Prices are valid for 2017.
- VAT sales tax is not included.

