



# SELDÉN

# 420

## 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 420 sailors to develop the most complete range of spars for the class which now includes ZETA, our newest section.

### Technology

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

We heat treat all are 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.

### Masts

**Kappa** is the ideal section for lighter sailors below 120Kg.

**Zeta** is our latest section developed specially for 420 and 470. It is the ideal section for most 420 sailors with stiffness between Kappa and Cumulus.

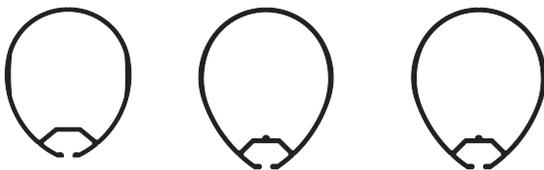
**Cumulus** is our most popular section. It is relatively stiff for the 420 so is ideal for heavier crews.

### Booms

Our 420 booms now use Olympus section. This very thin walled section was developed for 470 and is both stiff and light. It is supplied with a 2:1 internal outhaul.

### Spinnaker Poles

Our 38mm tapered poles use our new pole end fitting which is the strongest and most reliable available.



Section	Weight Kg/m	Stiffness F/A	Stiffness Athwart
Kappa	0.92	16.0	12.0
Zeta	0.96	18.6	12.9
Cumulus	1.04	20.4	14.4

### **NEW FAST FEATURES**

All 420 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

All our spars are CNC drilled for ultimate accuracy.

### Features & Fittings

- CNC plasma cut tapers for ultimate accuracy.
- Heat treated after tapering increases material hardness.
- Durable peened finish.
- Welded in headbox.
- Optional dealer fit halyard lock.
- Ball bearing spinnaker halyard and pole lift boxes.
- Fully adjustable spreader system.
- 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-C067-0473	420 Mast Kappa unrigged
D14-C068-0473	420 Mast Zeta unrigged
D14-C069-0769	420 Mast Cumulus unrigged
RIGP-0473	420 Rig Pack
B072-0769B	420 Boom Olympus
S038-0473	420 Spinnaker Pole

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