

## 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 505 sailors to develop the most complete range of spars for the class .

### 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

**Cumulus** is our softer 505 section, ideal for lighter teams or sailors that sail on the sea. Developed from the super fast D section mast.

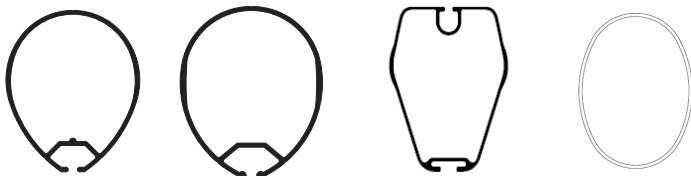
**Alto** is 5% stiffer than Cumulus it is used by heavier teams looking for extra power for heavier sailors or flat water venues..

### Booms

Two boom sections are available, 2633 made from Aluminium or BC086 our Carbon fibre boom section. The Carbon Boom section comes standard with sheave boxes for launched system retrival elastics.

### Spinnaker Poles

Two spinnaker pole options are available, 42mm tapered Aluminium pole or a 33mm parallel Carbon Fibre tube ideal for launch based systems or end for end use.



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

### Features & Fittings

- All masts are made from 6082T6 aluminium.
- CNC plasma cut tapers for ultimate accuracy and consistency
- 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-C069-0475S	505 Mast Cumulus unriggered
D14-C071-0475	505 Mast Alto unriggered
RIGP-0475	505 Rig Pack
B085-0523	505 Boom Aluminium
BC086-0475	505 Boom Carbon
S042-0475	505 Spinnaker Pole, 42mm Aluminium
535-547-03	505 Spinnaker Pole, 33mm Carbon