



SELDÉN

OPTIMIST

Class Data Sheet

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

We have applied all our experience and knowledge to our Optimist product to deliver what we believe is the ultimate spar package.

Masts, boom and sprits are all produced from 7075T6 aluminium. This is not the case with other leading brands that use 5000 series welded tubes for booms.

The tubes are first extruded and then re-processed to produce spars to a precise tolerance with reduced wall thickness. Our booms and sprits are slightly larger in diameter but our wall thickness is less resulting in a stiffer but lighter spar.

We then use purpose designed equipment to bead peen the tubes, a process where the surface is blasted with minute glass beads. This cleans the surface to improve the anodising quality, improves fatigue resistance and provides the spars with the durable satin Seldén finish.

All tubes are hard anodised to 45 microns. Holes for fittings are drilled before anodising to ensure ultimate corrosion resistance.

Masts

Masts are produced to the same diameter but with a choice of wall thickness to match bend characteristics to the sailors weight.

Pro-Flex: 45mm tube but with a thinner wall provides the lighter sailor (approx>40kg) with a more flexible rig.

Pro-Stiff: 45mm tube with standard thickness wall, the ultimate mast for larger sailors.

Mast are fitted with micro Clamcleats which grip better, wear ropes less, and release less rope as the line sinks in to the jaws. When combined with the ultra low stretch vang and sprit ropes supplied in the rig pack the minimum of tension is lost while racing. The sprit cleat is positioned above the gooseneck for easier adjustment.

Sprit

Pro-Sprit: 28mm thin wall tube. Same stiffness as most 27mm sprits but lighter.

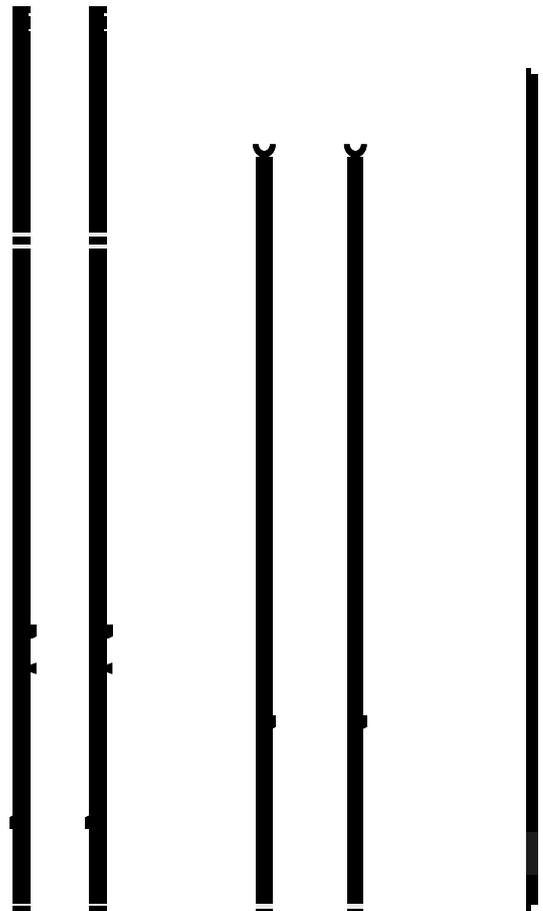
Booms

Booms are supplied rigged including a vang stop that

attaches to the underside of the boom to increase leverage.

Pro-Flex: 42mm super thin walled tube. Lighter and slightly stiffer than most 40mm booms.

Pro-Stiff: 47mm super thin walled tube. Lighter and slightly stiffer than most 45mm booms.



Art.No.	Description
X-1396F	Optimist Pro Spar Set: Flex
X-1396FSB	Optimist Pro Spar Set: <small>Flex Mast/ Stiff Boom</small>
X-1396S	Optimist Pro Spar Set: Stiff
D03-C044-1396	Optimist Pro Mast: Flex
D03-C045-1396	Optimist Pro Mast: Stiff
D03-C028-1396	Optimist Pro Sprit
B042-1396	Optimist Pro Boom: Flex
B046-1396	Optimist Pro Boom: Stiff

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