

 **LaserPerformance**



LASER

LaserPerformance.com

49ER



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The world's most exciting sailboat.

Julian Bethwaite's brainchild combines strict onedesign and lightweight, high-tech construction. Premier Olympic class sailing skiff, built for extreme speed, is now available to all. Expect to pick-up serious knots for an incredible sailing experience. With a strong International class organization in place, the 49er is a regular at events around the world.

The hull and deck of the 49er are constructed of an epoxy E glass laminate sandwiched around a PVC foam core and then vacuum bagged. Carbon fiber, unidirectional reinforcements are built in around the mast step and shroud areas. The solid wings are of similar construction to the hull which provide added stability and ease of movement for the sailors. The foils are foam cored epoxy with fiberglass and carbon fiber reinforcements. The result is a solid platform that is extremely light weight.

SPECS

LENGTH FT/M	16.0	4.8
BEAM FT/M	8.0	2.4
DRAFT FT/M	4.9	1.4
SAIL AREA FT ² /M ²	215.0	19.9
JIB AREA FT ² /M ²	54.0	5.0
SPINNAKER AREA FT ² /M ²	538.0	49.9
HULL WEIGHT LB/KG	176.0	79.8
CAPACITY	2 PEOPLE	
SKILL LEVEL	ADVANCED-EXPERT	
RACE LEVEL	NATIONAL-OLYMPIC	
OPTIMAL WEIGHT LB/KG	300/360	136/163
TRANSPORT	TRAILER	

FEATURES

The 49er rig is in two parts. A light weight, reactive carbon fiber top section and a durable aluminum bottom section. The two sets of spreaders, caps, primary and intermediates allow for total mast control. This entire rig is topped off with a high-aspect, masthead, asymmetrical spinnaker.

Ram Vang pushes the boom down saving the mast from inverting and creating plenty plenty of space for the crew.

The mainsheet is lead straight off the boom for more room and better control.

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