DOZENS MORE REASONS TO BUY A PROUT CATAMARAN

With nearly forty years experience in design and construction of catamarans from 12' to 80', Prout is well positioned to take advantage of today's modern mateials and construction techniques. Using bi-axial rovings, isophalic gelcoats, kevlar and carbon fibre where advisable, the Prouts of today are light years ahead of the competition. Prout is one of the few boatbuilders in the world whose construction conforms to the new Lloyds QA ISO9002/BS5750 standard of construction. All Prouts carry a five year anti-osmosis guarantee.

Applying the lessons learned over these past forty years, Prout innovations such as the Nacelle, Planning Wedges, and the well aft cutter rig have been refined and perfected with one thought in mind: getting you to your destination safely, in comfort, with a reasonable amount of speed. Prout's well documented safety record is due to sensible design.

The cutter rig positions the centre of effort well aft to avoid burying the lee bow. This avoids the danger of pitch poling.

Full bows and low buoyancy stems prevent the stem from being picked up too soon in heavy seas, again helping to avoid the possibility of pitch poling. An added benefit is a reduction in hobby horse motion.

Keeping the beam to length ratio at around 50% maintains fore and aft stability and makes for a stable platform without the need for huge sail areas.

Prout's "U" section hulls are well proven in tank tests and in hundreds of thousands of ocean going miles to provide the ultimate combination of load carrying capacity, low wetted surface for higher speeds and stability. Most other designers attempt to emulate the "beach cat" appearance with knife blade bows. To generate load carrying capacity these boats must have very full stems. The result may look impressive, but it is no faster than the Prout's "U" shape and definitely increases hobby horsing and the tendency to pitch pole.

OTHER DESIGN FEATURES

The low aspect keels and skeg hung rudders allow greater protection for beaching and much stronger rudder installation. These highly refined keels are so efficient that most Prout's will point within 35 degrees of the apparent wind, tack through 90 degrees and if properly trimmed, go to windward at 60% of wind speed.

Low aspect keels are stronger and certainly more trouble free than centreboards or daggerboards.

Rudders are fared into the skegs for superior strength and protection of the rudder installation.

All water tanks are air tight and built onto the keels. If the boat is holed at a tank, it simply loses its fresh water.

Built in buoyancy tanks makes sinking unlikely if the boat is holed.

Full length bridge deck gives greater strength, rigidity and storage space. Other manufacturers cannot offer the full bridge deck due to wave slam.

The Prout Nacelle virtually eliminates wave slam, while at the same time provides increased rigidity, more storage space and a more comfortable interior, in a lower profile (lower windage) hull configuration.

Other advantages of the Nacelle:

Higher strength to the entire structure.

Reduces windage by up to 30% compared to competitors.

Provides excellent engine installation.

Increases buoyancy when surfing down waves in high seas.

Extra headroom in main saloon.

Enables greater forestay tension as Nacelle forms an "I" beam over entire length of bridgedeck.

RIG FEATURES

Prout developed and refined the "minsail" rig which keeps the centre of effort of the sail plan well aft.

Provides lift to bows rather than producing tendency to bury bows.

Easy handling for one person - all halyards are close to the helm.

Easy reefing from cockpit.

Provides excellent windward performance, typically 35 to 40 degrees off the apparent wind, depending on condition of sails.

Sail plans are conservative and easy to handle - a big plus in storms and rough weather.

GENERAL ADVANTAGES FOUND IN ALL PROUTS IN COMPARISON TO MONOHULLS:

Excellent visibility from below. Able to sit in saloon and see in all directions

Large deck areas.

Shallow draft.

Speed advantage.

Family sailing - NO HEELING - makes life comfortable for all.

Space - more storage, private cabins, separate chart area, separate galley.

Motion - Rock and roll is greatly reduced. Corkscrewing downwind is non existent. No heeling makes cooking a breeze.

Prout really stresses safety. Over 4,000 Prouts have been built during the past forty years, 1,000 of which are cruising catamarans sailing the oceans of the world with their safety record totally intact having covered many hundreds of thousands of ocean sea miles. A record monohull manufacturers would envy. Many multihull builders who have only recently come on the scene have only a few years experience, and . unlike many other cruising cat manufacturers, Prout has had NOT ONE hull failure during their entire existence. The beam to length ratio of around 50% not only ensures a safer stronger yacht, but also keeps the beam reasonable, making for easier docking and handling and more socially acceptable.