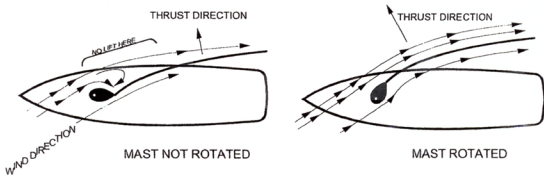


Another reason why the boat is so fast is the rotating mast. The 26's rig is similar to masts used on virtually all modern catamarans. We have developed a system that allows conventional spreaders, with upper and lower shrouds. With a non-rotating mast, the mast creates a serious amount of turbulence on the mainsail, making the first third of the sail virtually useless. The rotating mast allows perfect airflow across the mainsail. The drawing below shows the difference.



The rotating rig raises and lowers like a conventional mast, and requires no attention when sailing. As the boat tacks, the mast automatically aligns itself to the proper angle without human intervention. With the rotating mast, the boat heels less and goes faster. On a conventional rig, it is difficult to sail with only the mainsail. With the rotating rig, the boat sails extremely well on main alone. When the wind kicks up, getting rid of the jib and going with just the mainsail makes sailing a lot easier.