

Why buy a MOTORCAT



Smoother Ride

Try this: Turn your hand sideways and knife your hand through the water. Now, turn your hand palm down and hit the water. You've just demonstrated the effects of a catamaran hull versus a monohull. A thin, narrow hull slices through water, whereas a broader surface slaps it. Now, consider a tunnel: The faster you go, the more air enters the tunnel. As the catamaran lifts out of the water and returns, air gets trapped inside the tunnel, providing an air shock-absorber effect.

Monohull builders developed the deep-vee to combat pounding and cut through chop. Flatten the vee to make the boat more stable, and you've created a pounding monster capable of rattling your teeth loose. No matter how deep or flat the vee is, the bottom will still span a width equal to the beam of the boat - which is a solid surface that creates pounding. On the other hand, a catamaran hull spans less than a third of the beam, and we're back to a narrower hull that just slices through the water. Motorcats are not rocket science, just simple common sense.

Stability

photograph by David Harding/Practical Boat Owner



On a Motorcat, you are not pivoting on the centerline like a V-shape monohull. The main problem with a monohull design is if you make the vee deeper to help with pounding, you create more roll... And most



of your time in a boat is spent either stopped, drift fishing, or slow trolling.

A monohull rocks back and forth as well as side to side, whereas a Motorcat will sit squarely on the water. Yes, the Motorcat will rise and fall with the ocean, but it will never have a quick sharp roll - due to the spaced apart hulls. Even on the roughest days, a drifting Motorcat will stop moving momentarily. This means everyone onboard will be able to move about on the boat without fear of falling down or going overboard. It also is easier on the inner ear, helping those of us who get seasick.

Fuel Efficiency



All Motorcats have less hull resistance in the water, producing greater fuel efficiency. You are not plowing water with a wide bow. Thus, Motorcats take less horsepower and fuel to achieve better performance. At cruising speeds our Motorcats provide up to 4 mpg instead of 2 mpg for similar size monohull



Photo by Jim Farrell

Visibility



The wide deck of a Motorcat's twin hulls allows for greater load capacity than the monohull. Power Cats sit higher in the water than monohull and thus provide better visibility from dinette through large windows.



Safety



The more stable the platform the safer you are. There is nothing worse than trying to keep your feet under you when a monohull is snap rolling while drifting.

But here's another factor: Lose an engine on a twin-engine monohull and, yes, you'll get home. But maneuverability is gone. With only one engine pushing a monohull, the boat simply won't steer straight. Even with the helm hard over and trim tabs set, she still gets pushed to one side. If the port engine is down, you're heading left and there's not much you can do about it.



Conversely, a catamaran on one engine handles just fine. In fact, we usually maneuver around the marina and troll on just one engine. You have complete control over your boat with one engine running. You can even say Motorcats are safer in heavy seas. Unlike a monohull that tends to get squirrely on the downside of a wave, the Motorcat will track straight.

Accessibility and Beachability



Less hull in the water allows the Motorcat to reach areas the conventional monohull cannot. Motorcats also allow the user to beach their boats and back off them without the boat tipping when it's time to leave. Our Motorcat 30 has special beaching ramp to conveniently and safely walk off the boat and avoid necessity of a dinghy.



Negatives ?

The only negative seems to be the perception about the look of the Power Catamarans . Decades of marketing have embedded the V-shape monohull image in boaters' minds . With our new MC 29 design we changed than perceptions .cats can be beautiful and provide all advantages listed above.

