



Rudders

GMT has built hundreds of carbon rudders for customers who demand the best. We supply rudders for boats ranging from small cruising boats to America's Cup yachts, on boats 24 to 145 feet. Around the world race winners like JP Moulligne have GMT rudders. JP sailed his Open 50 with GMT twin rudders, mast and boom in his Around Alone victory. This very same Open 50 recently sailed around the world again after more than 20 Atlantic crossings and a total of well over 120,000 nautical miles. At GMT, our engineering, materials and construction methods are proven safe and built to last.

Engineering

Our Engineers have developed the software to design the fastest and strongest rudders steering boats today. Having completed extensive testing on different laminates, we ensure that all rudders and posts are designed to exceed ABS Standards.

Shape

Rudder shape is critical. The blade must be symmetrical about the vertical plane and conform exactly to the design or the boat will be steering differently from tack to tack. GMT rudders are accurately and precisely shaped using a computer operated CNC machine that forms a perfect rudder.



The GMT rudders, mast and boom above have gone around the world twice.



Materials

Our rudder posts are made from unidirectional pre-preg carbon fiber. **Carbon posts can weigh less than one quarter the weight of a conventional stainless post.** GMT blades are shaped using rigid closed cell foam. The foam is highly cross linked to give it superior strength. The foam is approved by ABS, Lloyd's and Det Norske Veritas.

The rudder skins are unidirectional carbon fiber for strength, with a layer of woven fiberglass on the outside for impact and abrasion resistance. All rudders are finished to a high luster ready for dry sailing or bottom paint.

When it is time for a new rudder please contact GMT. We have the experience, cutting edge technology and the quality workmanship to build a rudder that will take you around the world or to the winner's circle for years to come.

Contact us today for a free no obligation estimate and find more information at www.gmtcomposites.com.

GMT Composites, Inc.

Defining the Art of Carbon since 1984

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