

• Stability, Safety, and Value •



Hylas 70 - GMT Mast & PowerFurl Boom

GMT Composites has been building carbon fiber masts for sailboats longer than any other builder in the world. Our masts have sailed in every ocean, including many successful passages around the globe. They have competently handled the most demanding wind and weather conditions under sail, and have produced winning results in many of the world's most prestigious sailing events.

*In choosing a builder for our spars, we had three criteria: quality, experience, and price. GMT was the only company who was strong in all three.*

*Ron Drucker - Hylas 70*



Alden 100' - GMT Masts & Pocket Booms

# Carbon MAST

**The best  
thing you  
can do  
for your  
boat.**



Open 50 - GMT Mast & More

## The GMT Difference

We engineer, design, and manufacture custom masts to suit individual vessels, their owners' desires, and the variety of sailing conditions likely to be faced. There are different approaches for developing masts for racers, cruisers, and passagemakers, and the advantages of a GMT custom solution become clear as the design process develops. Whether it is a heavy displacement yacht with a furling mast, or a modern lightweight race boat, GMT has the experience and successful record you can rely on.

*"I can't think of any other single change that so dramatically improves the performance of an older boat as taking weight out of the rig."*

*Tom Morris of Morris Yachts as quoted by Practical Sailor.*

**G M T C o m p o s i t e s . c o m**





# Carbon MAST



Morelli Designed custom 80' Catamaran - GMT Mast

## Mast Types:

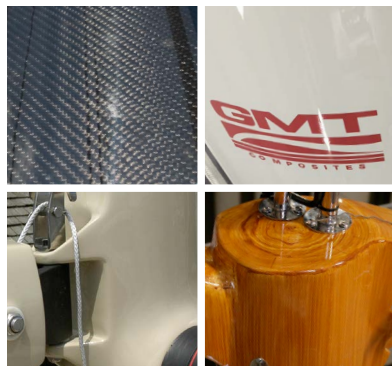
- Conventional Masts
- Furling Masts
- Round and Freestanding Masts

## Mast Fittings:

Building a custom mast allows you an unlimited range of choices: what hardware you want, where you prefer gear to be mounted. While GMT offers the finest and most up-to-date rigging, hardware and sail management systems, we also understand that not everyone has a grand prix budget. Less exotic fittings and details can be integrated that still deliver the benefits of a carbon mast but at less cost. For example, an alloy masthead and spreaders or a stainless steel gooseneck can be specified in lieu of all-carbon construction.

## Mast Finishes:

One of the aesthetic benefits of a carbon mast is the variety of available finishes. We typically use AwlGrip linear polyurethane, which are available in a huge variety of color options. Your mast can also be clear coated to reveal a carbon twill look, or painted with faux bois to replicate a species of wood.



## Stability:

Better handling, better performance, drier ride, & more comfort

- Less weight aloft = a more stable boat
- A carbon mast is about ½ the weight of an aluminum mast
- 1 lb removed aloft is equivalent to 10 lbs added to the keel
- Reduced roll, lower healing angle, and less pitch (fore & aft)

## Safety:

Carbon is simply stronger & reduced weight aloft is safer

- Pound for pound carbon is 9x stronger than aluminum
- Carbon withstands greater bending loads before deforming
- Increased stability reduces chance of roll-over and allows for greater wind speeds before needing to reef.
- Custom lamination allows for specific areas of reinforcement

## Value:

Carbon masts bring the most value to your boat

- Less maintenance - Carbon with AwlGrip finish will not corrode, flake, or peel
- Longer life (carbon does not fatigue like aluminum or wood)
- Increased re-sale value
- Enjoyment of use



Able 58' - GMT Mast and PowerFurl boom

*"The lighter rig makes it a whole new boat...she's faster, more comfortable, drives better, heels less, and is drier"*

*Hinckley Pilot Owner*

**GMT Composites, Inc.** Since 1984

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