



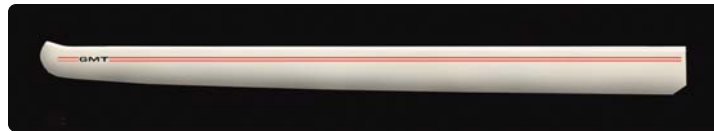
PowerFurl™ furling booms

Raise your mainsail, reef your mainsail, or furl your mainsail with the touch of a button. Enjoy the superior performance of a fully roached leach and the shape-optimizing benefits of full battens. And sail with greater assurance and safety using a system that does the job whether you're headed upwind or down.

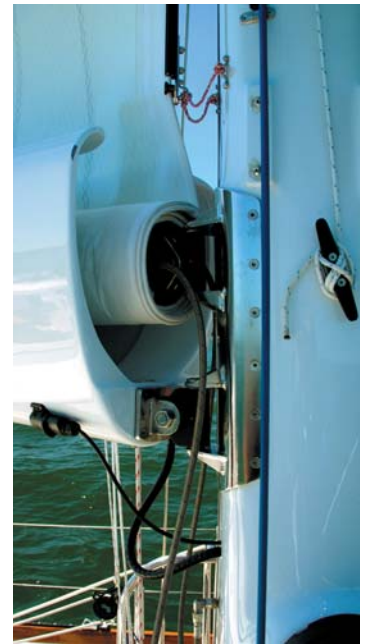
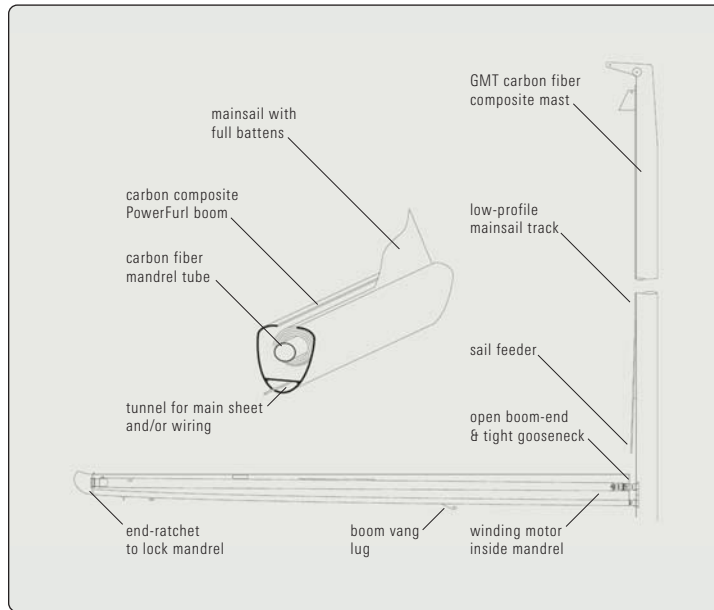
That's PowerFurl, GMT's in-boom roller furling system. With its beautifully shaped and finished carbon fiber boom, this is not only the best looking system on the market but also the most functional. PowerFurl eliminates the problems which previously kept yachtsmen from choosing in-boom furling.



GMT's PowerFurl in-boom roller furling system combines careful engineering refinement, significant weight reduction, and handsome aesthetics. Each of GMT's PowerFurl booms is custom built to suit yachts from 45 to 90 feet, and structural engineering has been completed for even larger yachts.



John G. Alden Design drew the very sleek and pleasing profile, whose section-size disguises the fact that entire mainsails can be fully enclosed. Our PowerFurl booms are about half the weight of a comparable aluminum system.



The forward end of GMT's PowerFurl boom is open. This feature allows no place for the sail to snag. The winding motor can be electric or hydraulic and is mounted inside the mandrel. You can completely furl your mainsail in less than 40 seconds with just the push of a button.



GMT uses a low-profile sail track which is less than a third the proud height of other furling boom systems' metal tracks. There's no setback or cutaway notch in the mainsail tack, and our articulating sail-feeder accepts mainsails with bolt-rope luffs, so that a racing sail can be used for both regattas and cruising. The angling



capability of our feeder design reduces binding and jamming, one of the biggest complaints that sailors have had with in-boom furling from other sources. With the motor located inside the mandrel, there's no need for an unsightly motor drum on the mast nor a strength-weakening shaft running through it.



The PowerFurl system lets you raise, reef or furl your main on any point of sail. This is a very important safety consideration, since reefing is often done when sailing off-wind. Other in-boom furling systems that use a universal joint and a through-mast shaft simply can't do this because of the nearly straight alignment they require.



PowerFurl™ furling booms



GMT's furling motor is easily accessible inside the boom's forward end. Many furling booms place their heavy motor at the aft end, requiring longer, heavier hydraulic lines and causing the boom to swing more violently in a seaway. Experienced sailors also favor in-boom furling to allow full-length battens for optimum sail shape and efficiency.



A streamlined and removable end-piece provides easy access to the electrically actuated ratchet. The ratchet locks the aft end of the mandrel. Deck and cockpit lighting can easily be included within the PowerFurl boom.



In addition to saving significant weight, GMT's carbon fiber with its highly durable finish will lead to a reduction in your long-term maintenance, and a GMT PowerFurl in-boom furling system will make your boat look and sail better!



Simple and logical furling controls can be configured to match your controls or instrumentation. PowerFurl's components are near deck level; servicing doesn't require sending crew aloft, and the lower rig weight increases yacht stability.



GMT Composites

A GMT Composites PowerFurl boom is a custom product, designed, engineered and built expressly for you. The main components are produced using pre-preg carbon fiber, which delivers the greatest strength-to-weight ratio. Our PowerFurl booms are beautifully finished, smooth, unblemished, and can be clear coated (showing the distinctive black/silver carbon twill) or painted. A faux bois finish is available for those who want the look of wood. This finish is exceptionally durable and long-lasting, significantly reducing maintenance costs.

GMT has an outstanding record of customer satisfaction building carbon fiber components for all kinds of sailboats and sailing conditions. Since 1984 GMT Composites has been at the forefront of carbon fiber composite development for both marine and non-marine applications. Please see our website (www.gmtcomposites.com) for information on our history, our range of carbon fiber composite products and markets, and news about applications.

About your boat

It's helpful in any preliminary discussion to know a few things about your boat and your sailing interests. For example:

- ❖ The type of boat – brand and model, or if custom give a brief description.
- ❖ Her length, displacement, sail measurements (I, J, P, and E), and righting moment.
- ❖ The kind of sailing you intend to do (coastal or trans-ocean waters; cruising and/or racing)

About your boom

After a preliminary discussion, we can estimate the cost of a PowerFurl system. If this estimate sounds reasonable and appropriate, we will get additional information on your boat's construction and provide you with more precise details and a price quote at no charge or obligation. If you approve, we will then proceed with full engineering, detailing, and construction of your PowerFurl system.

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