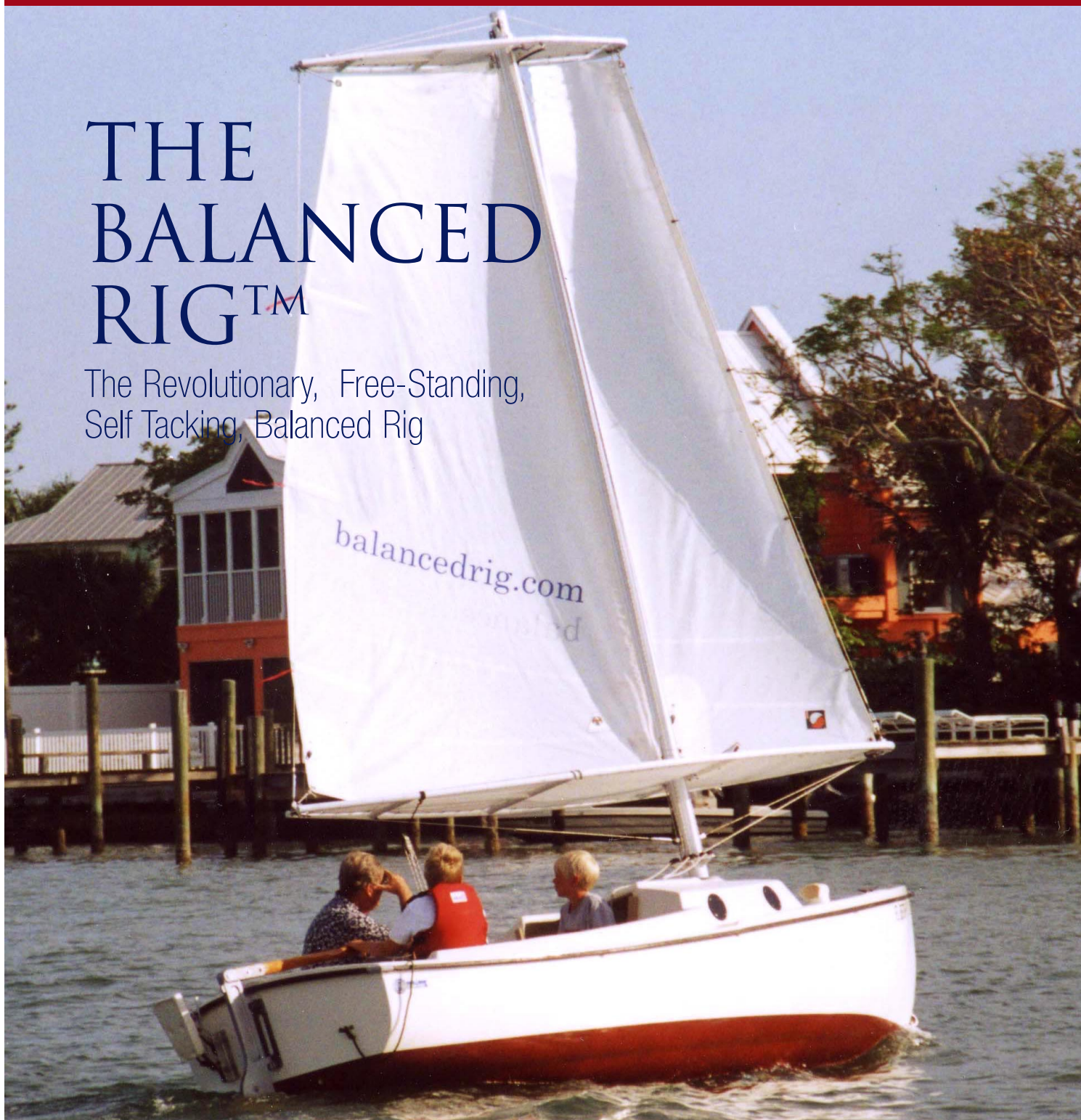


THE BALANCED RIG™

The Revolutionary, Free-Standing,
Self Tacking, Balanced Rig



All information contained herein is covered by
US PATENT NO. 4911093

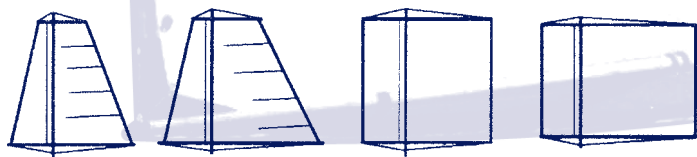
DESCRIPTION OF THE BALANCED RIG™

The **BALANCED RIG™** is a self-tacking, free standing, balanced rig. This reduces the need for deck hardware as it is a self-contained sail frame. The rig is balanced, creating less load on the main sheet.

Using end plates at the top and the bottom of the rig, we have made the sail more efficient. The end plates guide wind over the powering part of the sail, this increases the sail's efficiency and power. The low center of effort and the reduced height of the mast creates less heeling moment and reduces the need for deep draft and heavy ballast.

The engineering principles of the **BALANCED RIG™** give you a mechanical advantage increasing sail control and ease of tacking. You can have all these advantages with a cost comparable to a custom rig. The ease in handling and fast tacking make it amazing.

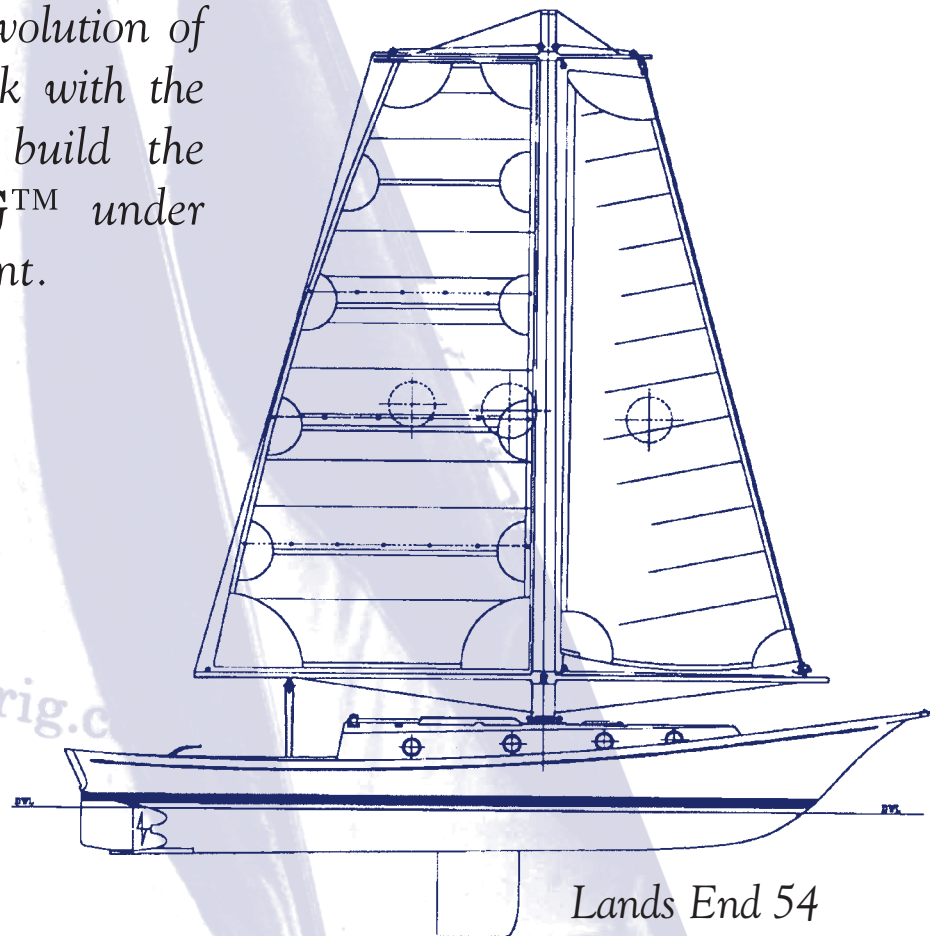
*The illustrations below show some of the many forms, from trapezoidal to rectangular and square. The design of the **BALANCED RIG™** patent is so versatile that both performance and cruising sailors will find many applications*



DISTINCT ADVANTAGES

- FREE-STANDING, ROTATING RIG
- SELF-TACKING, SELF-VANGING, SELF-TENDING
- 50% LESS BOOM LOAD FOR THE TOTAL RIG AS IT IS BALANCED
- THE END PLATES CREATE MORE SAIL POWER AND SAIL CONTROL
- FUN, FAST, EASY AND REVOLUTIONARY
- 100% ROLLER FURLING OR HANKS AND SLIDES MAY BE USED
- EASE OF HANDLING ELIMINATES THE NEED FOR A LARGE CREW
- THE VERSATILITY OF THE **BALANCED RIG™** ALLOWS A VARIETY OF APPLICATIONS FROM SMALL PERFORMANCE SAILORS TO AROUND THE WORLD RACERS, MEGA YACHTS AND CRUISE SHIPS
- SIMPLIFIED BOAT CONSTRUCTION AS CHAINPLATES, HEADSTAY, AND BACKSTAY ATTACHMENT POINTS ARE NOT NEEDED

The **BALANCED RIG™** is a step forward in the evolution of sailing. We will work with the best companies to build the **BALANCED RIG™** under our licensing agreement.



EASY

Easier to sail than a traditional rig. One control line for both sails. Self-tacking and self-tending with just a turn of the tiller or wheel. The sails can be furled and reefed similar to a traditional rig.

IMPROVED PERFORMANCE

End plates generate more power. Self tacking jib makes for fast tacking and controlled gybing. This power is balanced and the sheet load is reduced by %50. The low center of effort and the reduced height of the mast creates less heeling moment and reduces the need for deep draft and heavy ballast.

LESS MAINTENANCE

The **BALANCED RIG™** requires less rigging, sails, and deck gear which reduces maintenance and downtime for repairs.

SAFER

The **BALANCED RIG™** is balanced, reducing force loads on the sails and rigging, and lightening the load on the single control sheet. This makes for a safer, more reliable, and more enjoyable sailing experience.

The free-standing **BALANCED RIG™** means that there is no standing rigging to fatigue or fail.

The **BALANCED RIG™** also allows excellent forward and all-round visibility under sail for maneuvering, navigation, safety, and sailing enjoyment.

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It's Revolutionary, Fun, and Easy



ESTRUP RIGGING SYSTEMS, INC.

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Joan Bergstrom, VP

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Land's End Marina

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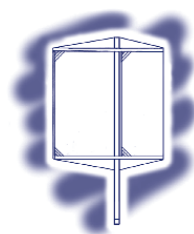
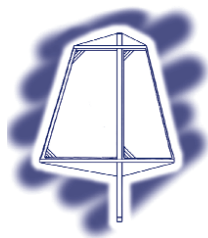
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