

Sails & Rigging

Most sailors believe that sailing is hard work: all those lines to tend, halyards to yank and sails to lug. Hunter Marine has dispelled that myth once and for all! Innovations by the crew at Hunter Marine have made sailing easier, safer and more comfortable. The result - much more sailing fun!

Whether you are ready to set sail for the islands or just around the buoys, your Hunter can really make a difference. Starting with the tall, fractional rig, which is a direct descendent of the B&R rig, Hunter has engineered the mast to carry less weight aloft with a smaller sections. This is accomplished by utilizing swept-back spreaders and reverse diagonals as well as mast support struts. This combination provides superior strength without a backstay and increases the stability at the same time. By using a large roach main as the power sail, Hunter has eased the effort in sail handling and allowed for real versatility for all wind and sea conditions.

Your benefit: better performance with less effort. The deck layout reflects the innovation that accompanies the rig. An integrated arch protects the cockpit from snapping main sheets and blistering sun with the optional bimini. This arch keeps the cockpit clear and open.

! WARNING !

Refer to Boating Safety, and the Getting Underway chapters for safe boat handling information.

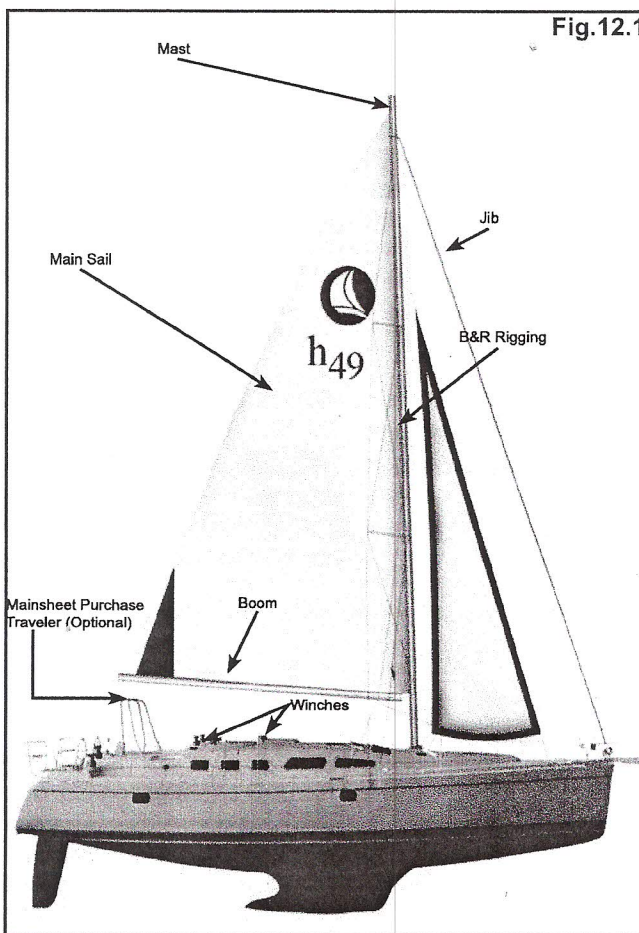
If this is your first boat of this type or you are changing to a new boat you are not familiar with, please ensure that you obtain handling and operating experience before assuming command of the boat. This document is not a course on boating safety or seamanship. Your dealer or national sailing federation or yacht club will be pleased to advise you of local sea schools, or competent instructors.

Never underestimate the potentially dangerous power of wind, tide and the sea. Always ensure there is sufficient trained and proficient crew on board to handle the boat and its operating systems even in adverse conditions.

NOTE: Standing rigging will stretch slightly when initially loaded. Therefore, the rigging may have to be further tensioned slightly after a few sails in a strong breeze to compensate for this initial stretch. Once the mast is tuned and initial stretch is taken out, the rig should need retuning only at the beginning of each season.

12.1 Main rig components

- Anodized B&R Rig Mast
- Boom
- Dual Single Line Reefing System
- Furling jib
- Inboard jib Track w / Adjustable Cars
- Internal Halyards led to Cockpit
- Jib Furling System
- Large Roach Mainsail w/Flaking System
- Mainsheet on Arch
- Self-Tailing jib Winches w/Handles
- Self-Tailing Rigging Winches w/Handles
- Line Stoppers & Organizers



Over the course of the next few pages we will outline some of the components featured here, along with some of the optional components of your sails and rigging aboard your Hunter sailboat.

12.2 The Mast

Your main and most vital rig component is the mast. It carries the sails and is supported by the standing rigging as shown in Fig. 12.3, also shown is the Standing Rigging Furling Fig 12.4. (Hunter 49 relevant diagram)

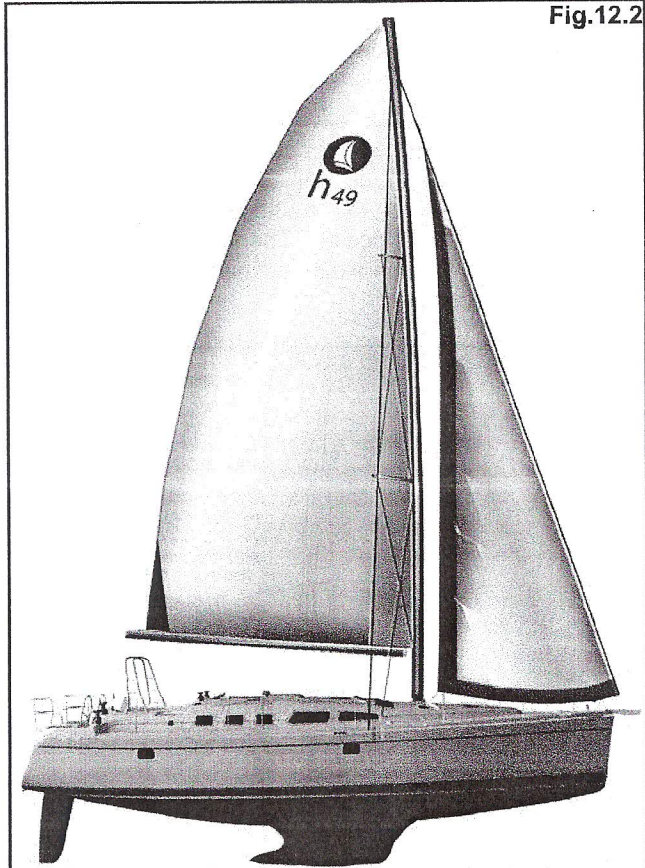


Fig.12.2

Your Hunter features the B&R rig; a design by Lars Bergstrom and Sven Ridder. The design was born in the 70's and has been used on ocean racers as well as world cruisers producing tremendous success. The B&R rig is designed to eliminate inner forestays, backstays, and running backstays. The 30-degree sweptback spreaders and reverse diagonals support the mast sideways, fore, and aft and the shrouds are discontinuous. Weight is minimized and using a smaller mast section maximizes airflow to the main. The angles between the shrouds and forestay equal an even 120-degree triangle that evenly spreads the load of the mast.

On the next page you will find the dimensions for the riggings listed in Fig. 12.3, and 12.4.

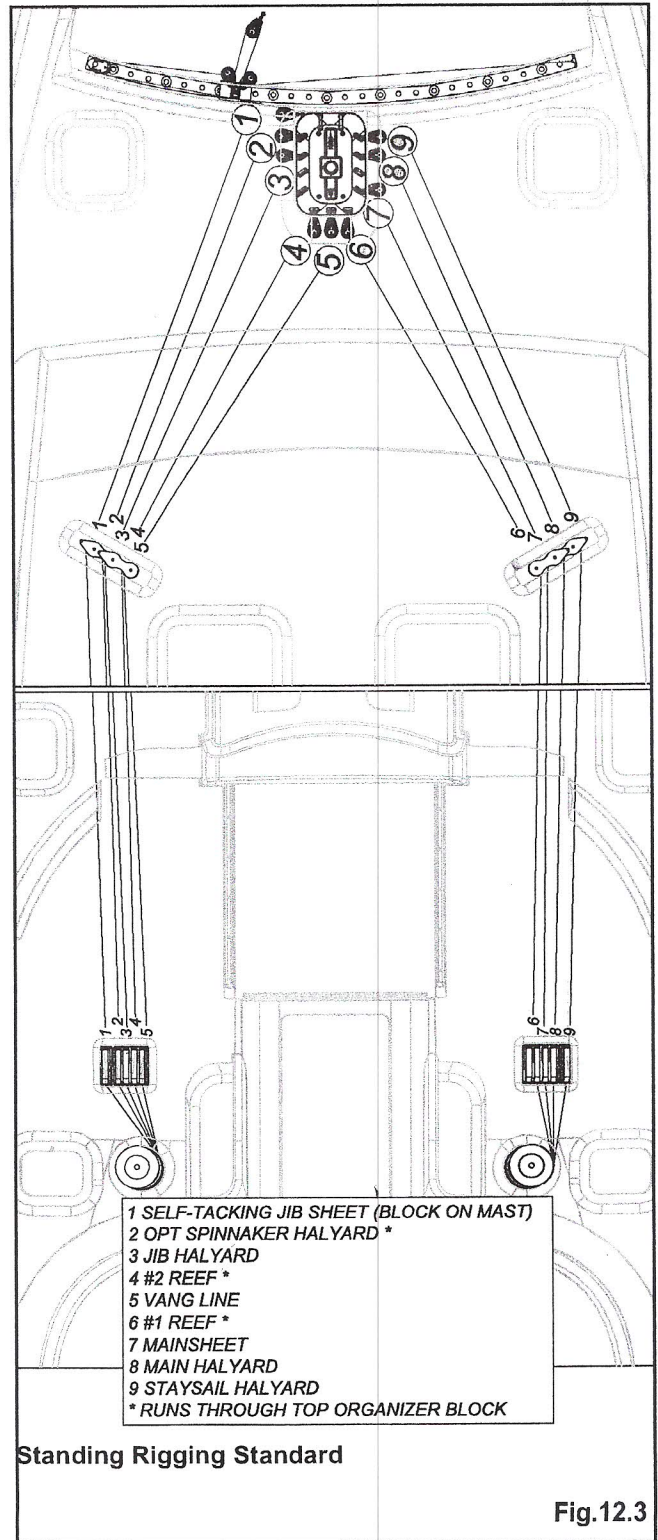
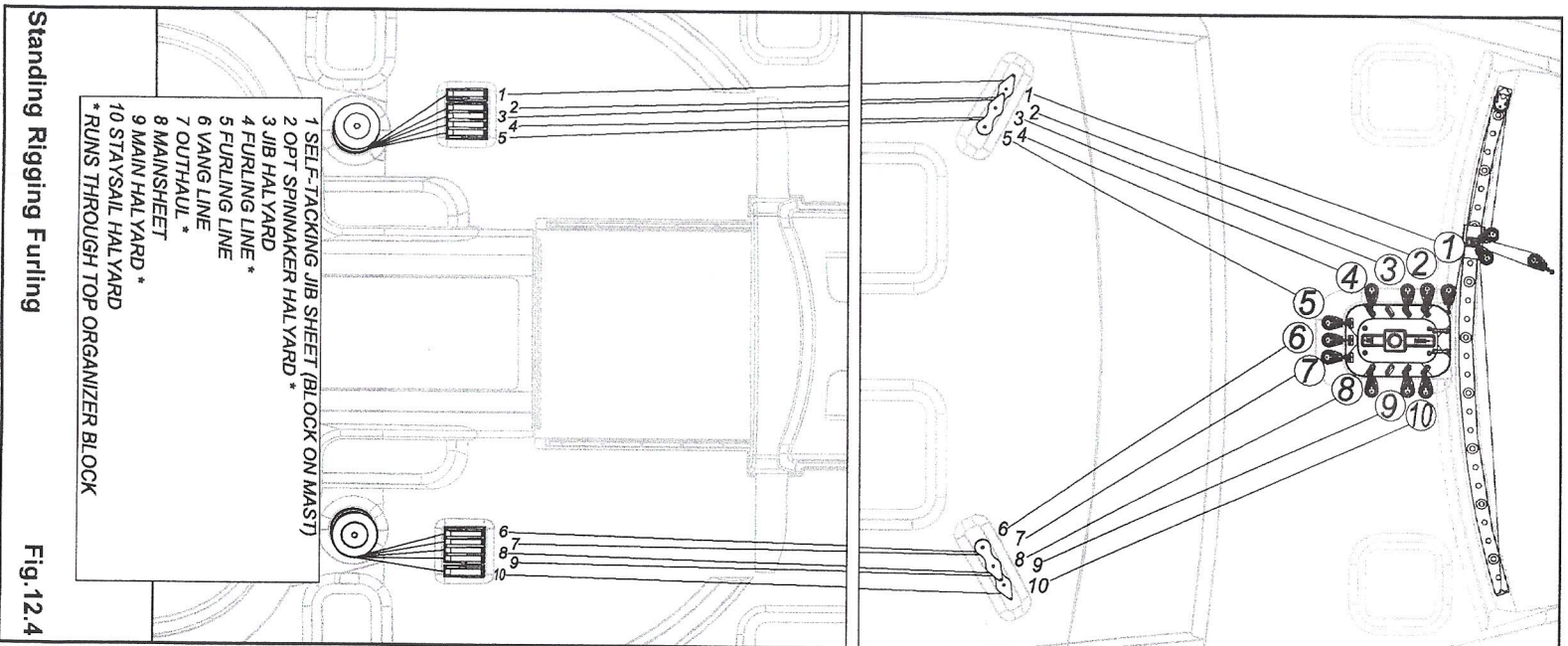


Fig.12.3

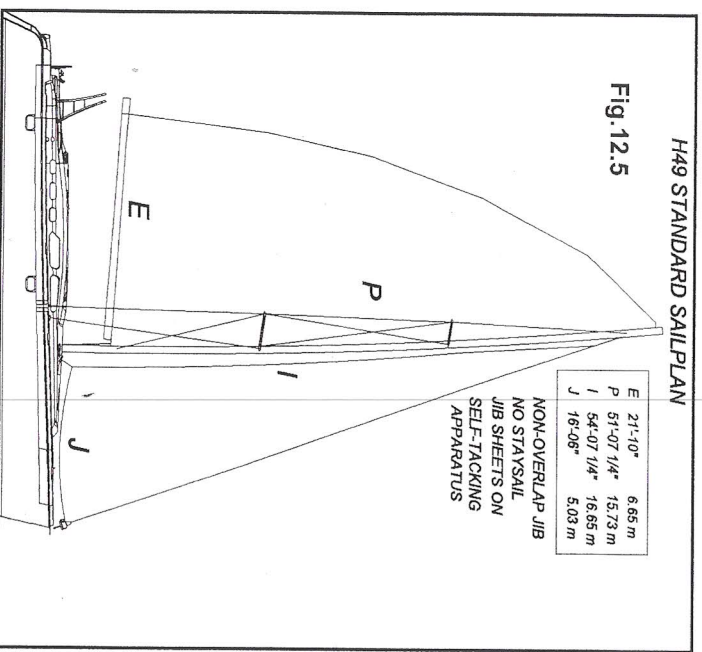


12.3 The Boom

The boom carries the lower sheeting point of your main sail and is controlled by the main sheet, the vang and the optional traveler lines. Page 12.5 (Fig. 12.6, and 12.7) contains illustrations demonstrating the boom with reefing layout and the Mainsheet Purchase layout.

12.4 The Sails

As standard your Hunter is equipped with a furling jib sail and a drop down main sail. The mainsail is the sail attached to the aft track of the mast and hoisted with the main halyard from the cockpit. The jib sail is attached to the forestay and like the mainsail hoisted with the jib halyard from the cockpit.



Most Hunter sailboats feature the control of the most important sail controls from the cockpit. In addition to the main and jib halyard you will find a main sheet line with a winch at the aft edge of the cockpit together with the vang and/or outhaul control (some optional). The jib is controlled with the jib sheet control lines lead back to the cockpit coming either side. In addition the jib furling line located to the starboard side of the cockpit allows the safe and easy unfurling and furling in of the jib sail.