



OCEANFURL LEGEND SERIES

PREMIUM IN-BOOM FURLING SYSTEM BY HALL SPARS



THE HALL OCEANFURL LEGEND SERIES – BRINGING PREMIUM CARBON-FIBRE FURLING BOOMS TO FAMILY SIZED YACHTS

Furling booms make sailing simpler and safer. Gone are the days of climbing all over your yacht's super structure, wrestling with a flogging main sail or struggling with tangles of reefing lines. The Oceanfurl Legend Series keeps you and your family in the safety of the cockpit as you quickly and easily raise or reduce sail.

The Legend Series of booms are an evolution of our booms seen on superyachts around the world. We have tweaked both the design and the manufacturing process to create a product that is faster and more cost-effective to build, thus putting it at a price point that is suitable for yachts between 40 and 65 feet.

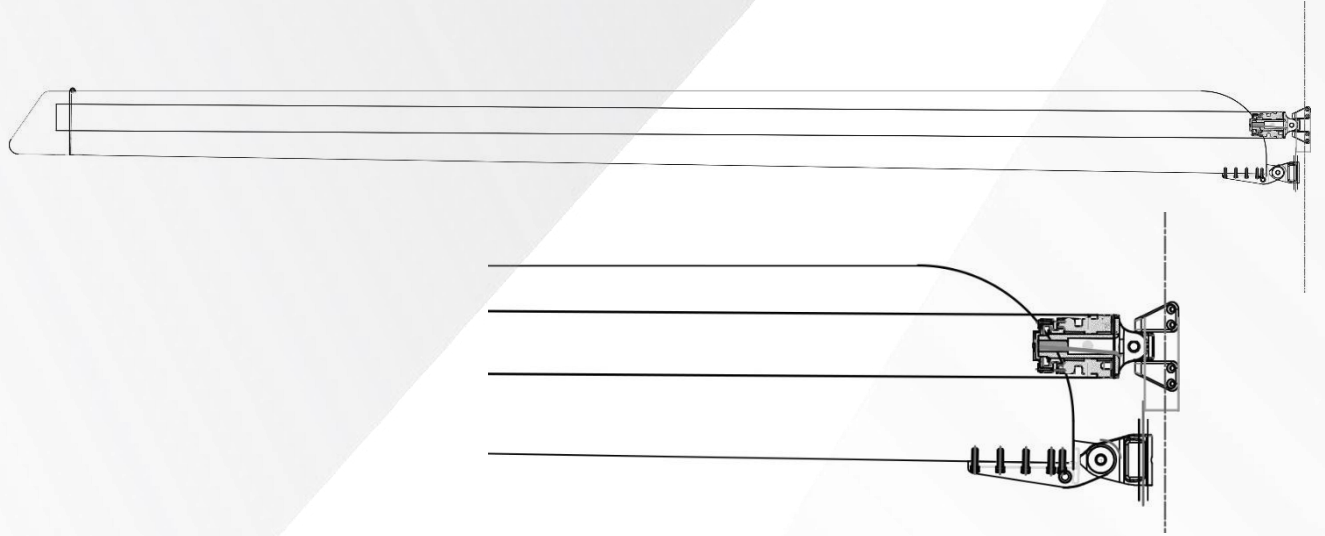
SAFER, SIMPLER, STRESS-FREE SAILING

HIGHLY REFINED

**TO COMBINE PLEASING
AESTHETICS WITH
UNCOMPLICATED RELIABLE
FUNCTIONALITY.**

OPEN FRONT DESIGN

The Open-Front design is the key to contemporary styling and reliable furling.



Opening the front of the boom brings the leading edge of the mandrel closer to the aft face of the mast.

The result is not only a more modern looking boom shell, but also a **smaller mast ramp and feeder**, which act to guide the sail on and off the mandrel during furling and deployment. This feature also gives the benefit of being able to see the sail as it is furling.

Design improvements include a **monocoque boom shell** which is able to bear the compressive, tensile and shear forces created by the sail plan and yacht.

Removing the **internal structure** that is only required for booms on much larger yachts, **streamlines the production process**.

The open front design allows the use of **full length sail battens**, which enhance the sail shape and reduce flogging – making your sails **perform better and last longer**.



FEATURES

Primary Components

BOOM SHELL

Hall Spars boom shells are made from highest quality carbon fibre. Our raw material comes with the resins and curing agents already impregnated into the fibre to give the fastest and most accurate building process. The resin content is precisely controlled, ensuring the weight and quality of the laminate exactly as designed. We use Kevlar Nomex as the sandwich core to give maximum weight savings and durability. Our boom shells are cured inside our aerospace grade autoclave.

FURLING MANDREL

The mandrels inside our booms are Hall Seamless autoclave cured carbon fibre tubes. Carbon fibre mandrels give minimal flex, which improves sail shape and performance while reducing chafe on the boom shell, increasing the lifetime of your sail.

MAST RAMP

To give the smoothest transition from the boom to the sail, Hall Spars builds flexible feeders and mast ramps which guide sail. Our mast ramps are designed in conjunction with the mast to allow a seamless luff curve through all sailing conditions.

FEATURES

Drive Options

DRIVE OPTIONS

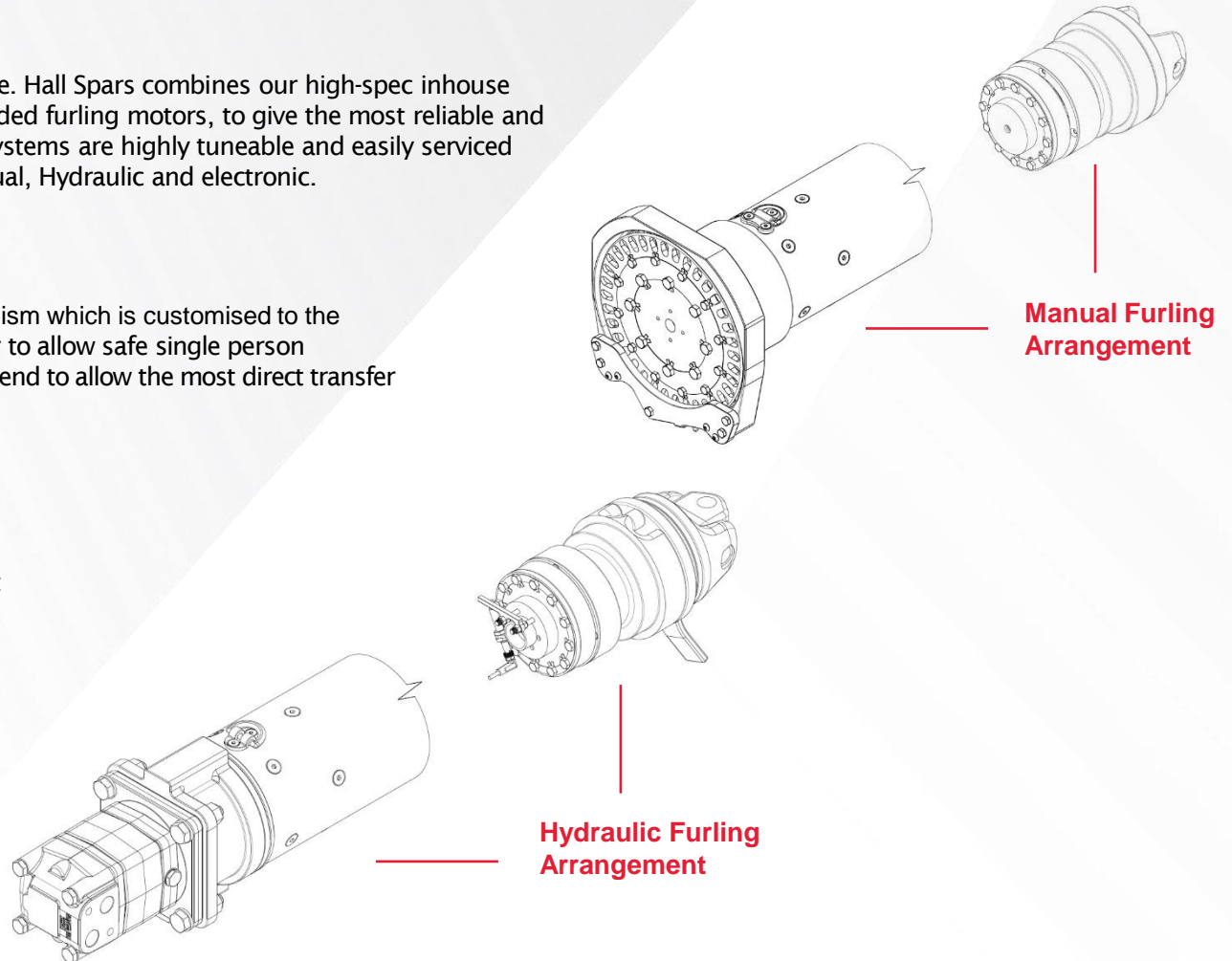
A variety of drive options are available. Hall Spars combines our high-spec inhouse engineering with the use of top branded furling motors, to give the most reliable and best performing system. Our drive systems are highly tuneable and easily serviced around the world. They include Manual, Hydraulic and electronic.

LOCK SYSTEM

Our booms have a stainless steel locking mechanism which is customised to the requirements of the boat with a proximity indicator to allow safe single person operation. The lock is also located at the outboard end to allow the most direct transfer of load from the leech of the sail.

EMERGENCY DRIVES

Every boom has an emergency drive option supplied to suit the boom and the yacht. These systems can either be ratchet or line driven, depending on the requirements of the boat.



FEATURES

Sail Controls

MAINSHEET SYSTEM

We can accommodate a wide variety of mainsheet arrangements and locations to best suit your yacht.

OUTHAUL

Adjustable outhaul options are available with a hydraulic outhaul housed within the mandrel.

PREVENTER SYSTEM

Our preventers can be customised with either an internal or external system and a variety of fairleads and sheave boxes.



FEATURES

Extras



CUSTOM DESIGN

We can make modifications to the shape of the outboard end of the boom to match the styling of your yacht. Any custom systems can be implemented, such as hydraulic traveller rams and tender-lift poles. Complete custom boom shell designs are available.

CLEAR CARBON FINISH

Hall Spars' clear-coat carbon finish gives the ultimate luxury carbon fibre finish. This finish accentuates the quality of Hall Spars' craftsmanship and prestige of the Oceanfurl carbon fibre boom.

LIGHTS

Dimmable LED lights can be set at your desired locations. These are available in warm or white lighting with a variety of illuminations and styles. These can be recessed so they look great even when they're not in use.



OCEANFURL LEGEND SERIES ADVANTAGES

Specialist design for smaller boats.

Constructed in the world's largest custom spar manufacturing facility.

Two decades of refinement, development and ocean testing.

Highest quality raw materials, tested and checked by world leading composite specialists.

Easily retrofitted to any existing yacht.

Finite Element Analysis completed to ensure shell integrity.

Specialised design and manufacturing process to ensure the optimum combination of strength, weight and cost.

Our design team work in concert with your sail makers to ensure the best performance of your rig and sails.

Serviced by Rig Pro's global service network anywhere in the world.





HALL BV

Deltahoek 42,
4511 PA Breskens, Holland
+31 117 381397
infobv@hallspars.com

HALL NZ

15 Jomac Place,
Avondale 1026 Auckland,
New Zealand
+64 9 427 5472
infonz@hallspars.com