



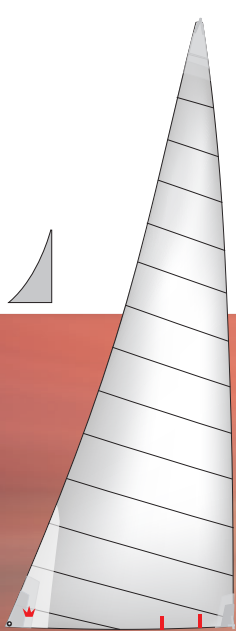
**Maximum Headboard  
Maximum Power  
Integrated Battens**

New innovative  
in-mast furling mainsail



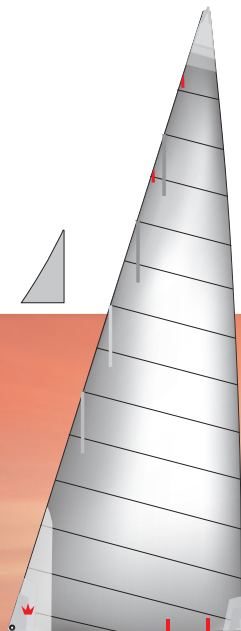
# The Evolution of Furls

The FatFurl main and FatFurl jib is a trendsetting design within furling sails designed for cruisers. It is a unique concept - optimum shape and maximum sail area and with the conveniences of a furling sail.



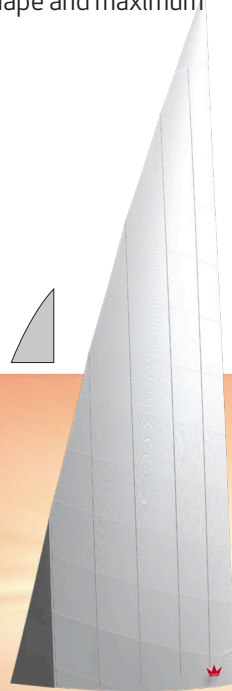
Furling Main

Simple Dacron Furling Mainsail, no battens. These sails had a poor performance, but they furled well. The roach was negativ



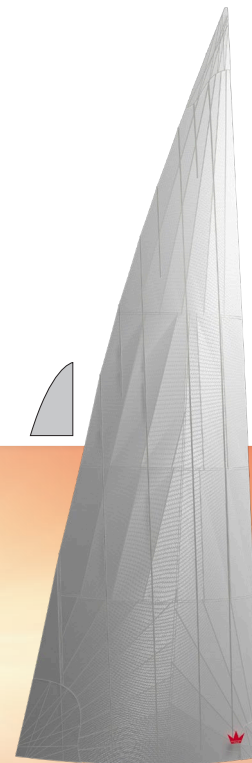
Short batten Furling Main

X-Cut Dacron Furling Mainsail with short battens. The battens increased the stability in the leech. The roach was almost straight.



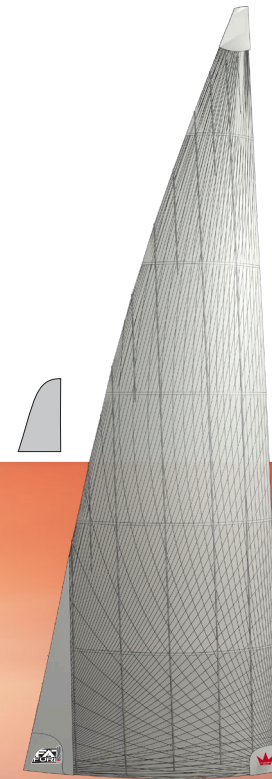
EMS Furling Main

EMS Furling Main has long vertical battens, which makes a positive roach possible. The sail was a quantum jump in terms of performance.



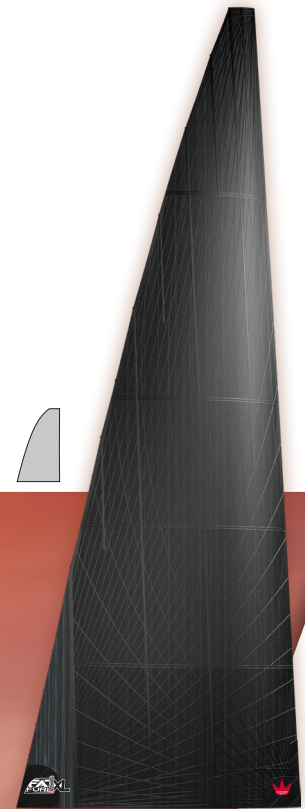
EMS MAX

EMS Max with maximum leech curve for more performance by means of the larger sail area. The continuous vertical carbon top sail battens provide optimal support for the leech, whether the sail is fully deployed or reefed. The short intermediate battens have the same function.



FATFURL

With the FATFURL Main and the FATFURL Jib (also self tacking) this concept has been further developed. The results are furling sails with sailing characteristics of a fully battened performance sail. The optimal profile when reefing is obtained by the battens.



FATFURL XL

The latest innovation is the FATFURL XLMainsail.

FATFURL XL is characterized by an XL headboard. The upper 1/3 of the roach is maximized further and crowned with a wider headboard so the top of the sail will open more and twist easily. Which gives the boat more power.

The continuous vertical integrated battens with carbon top provide maximum support for the leech, whether the sail is fully deployed or reefed. The short intermediate battens have the same function.



“Being an active sailor I have always been a strong advocate of furling masts. They offer a secure, simple, and comfortable handling. With an optimum and thought-through sail design there are no arguments against a furling mainsail, on the contrary! Throughout the past 25 years Hallberg-Rassy has had a close co-operation with Elvstrøm Sails exactly on the development of furling mainsails, and I am convinced Elvstrøm Sails is market leader with their proven designs, such as; EMS, EMS MAX, and now FATFURLXL. Whether you want to win the local regattas or to make a circumnavigation, I am sure you will find an Elvstrøm design for your furling mast!”

Magnus Rassy, CEO Hallberg-Rassy

