

Dart Sails & Covers

In-Mast Mainsail



Option of tri-radial using a very low stretch material is used for better spreading of the loads when reefing, better furling and a more efficient shape.

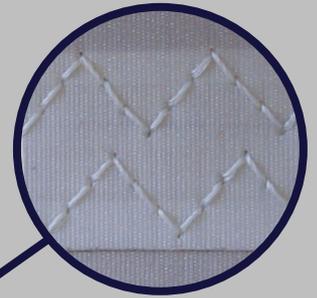


Low profile batten tensioning

Option of full length or short vertical battens allow a small roach on the sail maximising area and minimising loss of performance



Lightweight Patches and webbing loops for easy rolling



Anti-chafe 3-step stitched seams



UV protective cover at clew



Option of roller bearing clew block

In Mast Mainsails are always a compromise, they need to be flat to roll up into the chamber. Fortunately sail design techniques and our understanding of these sails has improved in recent years. For a long lasting and reliable mainsail when reefing we strongly recommend using a very high quality low stretch fabric. It is most important that it is stable in all directions to resist the rolling loads and to minimise creasing occurring from the tack. All Sailmakers have caught a cold many times before with using cheaper Dacron for In Mast mainsails and to minimise any problems or come back we simply only quote for high quality materials. There is now an option of far better performing positive

roach with vertical battens. Full length vertical battens allow a small roach on the sail maximising area and minimising loss of performance however if there is not much extra room in the chamber we can fit the sail with short vertical battens allowing for an almost dead straight leech. The battens are carefully positioned so as they do not overlap each other in a vertical plane thus reducing the extra bulk to the minimum. Naturally we still offer the regular non battened sail with a hollowed leech which is still the most popular option, this does not offer the ultimate in performance but it is reliable with less to go wrong!