

RACING MAINS NEED TO WORK IN EVERY WIND SPEED FROM 0 TO 30 . THAT'S WHY YOU NEED UK-HALSEY IN YOUR CORNER.



Above is a 5-batten Powerhead FST main. Powerhead mains have a full-length top batten to support a maximum-sized roach. FST is UK-Halsey's proprietary string sail technology.

Shouldn't Your Main Be the Very Best Sail in Your Inventory

The reason is clear. Whenever you're racing, your mainsail is up – every leg, every day, no matter what. Whether the wind is light or heavy. Whether you're a club racer or competing at grand prix level.

At UK-Halsey Sailmakers, we know some things about mainsails for racing. Shape is critical. Strength is important, especially for holding shape when loads build up in a heavy blow. Adjustability is key, too – so the sail's shape can adapt to changing conditions.

Racing mainsails should also be as light as possible. Lighter weight decreases heeling and pitching moments and lets the sail take shape in drifting conditions.

To meet these needs, UK-Halsey makes racing mainsails in a number of styles from a wide range of materials. With so many options, you can choose the sail that fits your boat and budget.

For occasional racers, today's woven mainsail fabrics provide a great sail at a great price. But for more serious competitors, laminated construction is the



www.ukhalsey.com



Two J/133 mains. ABOVE: Tape-Drive Titanium shape-shot. BELOW: A Tape-Drive main with carbon fiber tapes on an aramid laminate.

only choice. UK-Halsey offers laminates in three different constructions: FST loadpath sails, Tape-Drive and tri-radially paneled. All of these constructions can utilize the

Standard Features

- Draft Stripes
- Racing Numbers
- Maximum Allowable Roach
- Tapered Battens
- Low Profile Batten Pockets
- Webbing reinforcement inside the inboard end of the batten pockets
- Cunningham
- Telltales sewn at each batten pocket
- Webbed O-rings at Tack and Clew
- Loose Foot
- Anodized Aluminum headboard
- Drawstring sail bag and ties

latest fibers such as Carbon, aramids (such as Kevlar, Twaron and Technora), Vectran, Cuben, Pentex, fiberglass or polyester.

Our Tape-Drive construction system makes the longest lived racing sails you can buy. For more information about Tape-Drive, FST and Tri-Radial sails, go to The Sails section of our website at www.ukhalsey.com.

Battens are a wide open territory. Sail designers are free to use any length batten and as many battens as they want. That opens up a world of possibilities to customize the right sail for the job. Choose a traditional mainsail with conventional leech battens, or a mainsail with one, two or all battens full length. Most mainsails are designed with the top batten running full-length from the leech to the luff. We call this the Powerhead, because, the wider the head of the sail, the more efficient its aerodynamic shape.

The full-length top batten supports the maxi-sized roach. The Powerhead offers racing sailors an ideal combination of adjustability and performance. Since the head of the main sees some of the highest loads, the Powerhead's full-length top batten helps control distortion due to the loads. The full-length batten also helps keep the leech open. The remaining battens span the highly loaded leech of the sail and continue on into the less-loaded body of the sail. These battens are long enough to support the roach and prevent distortion at the inboard end of the batten pocket.

For the right mainsail, and the options that fit your needs, contact your local UK-Halsey loft. They'll work with you to get the best results.

