

FIREBALL TUNING GUIDE

(For Proctor Stratos)

Hull

The hull must be clean, fair, and have exceedingly good slot strips to minimise turbulence.

Mast Heel

From the back edge of the mast heel to the transom should measure 3100mm.

Spreaders

Length: 420mm
Deflection: 135 - 165mm

A deflection of 145mm would be a good starting point.

Mast Rake

Light/Medium 6920mm
Heavy Airs 6880mm

Rig Tension

400 lbs measured on forestay [no strut/no main]

Note: - Rig tension will need to be reduced slightly when over-powered.

Jib Sheeting

The bearing point of the fairlead block should be 205mm from the centreline and may have to be moved outboard when overpowered.

Prebend

Between 38-75mm

Strut

The Proctor Stratos needs a strut [bearing point 150mm below gooseneck approximately]. This will help control lower mast bend and mainsail leech tension.

Note: All these measurements are to be taken with full rig tension on, no strut or mainsail.

This tuning is suitable only for Banks Sails and it is important to realise that these figures are given as guide lines and should be used as a starting point for your boat. Individual boats will always have minor differences, therefore, these measurements and tips should not be treated as hard and fast rules.