

# Specification

for A Class

## RIG & SAILS

prices valid for orders paid during 2011

### RIG KIT

**£499**

a pack contains spars, rigging, one mainsail, one headsail, and fittings sufficient to make one rig with the following features

#### general features

- lightweight sails, 75 micron film, not sewn
- rigging plan
- high modulus carbon tube for mast spar - 16 mm round at bottom and 14 mm round tapering to 14 x 5 mm ellipse at top
- high modulus carbon round tube for boom spars
- carbon moulded backstay crane
- stainless, anodised and/or nickel plated fittings as appropriate
- headsail boom counterbalance weight
- robust ball raced gooseneck/kicking strap unit that is simple to fit to mast
- flexible 7 strand rigging wire for standing rigging
- Dyneema rigging cord for running rigging
- fastenings and terminations

*you will need the following materials to supplement the pack*

Epoxy resin, cyano glue, tape for limit marks (measurement bands)

#### options for rig kit with only No 1 suit sails

#### price

|                                                              |         |
|--------------------------------------------------------------|---------|
| ball raced swivel for headsail boom – not required for SWORD | £15.00  |
| bent joiner for No 1 headsail boom – required for SWORD      | £9.00   |
| pocket luff headsail                                         | £poa    |
| spar for pocket luff headsail                                | £poa    |
| apply insignia + sail numbers                                | £12.50  |
| apply national letters                                       | £6.50   |
| snap in/out rigging screws – required for SWORD              | £9.25   |
| complete a rig kit                                           | £354.00 |

#### options for rig kit with No 2 suit and lower sails

#### price

|                                                                 |        |
|-----------------------------------------------------------------|--------|
| headsail boom kit – with larger (14 mm) diameter spar tube      | £56.00 |
| ball raced swivel – heavy duty version for larger headsail boom | £16.75 |
| completion of headsail boom kit                                 | £53.75 |
| rigging headsail & mainsail onto boom and mast                  | £30.75 |

## delivery

masts over 1.5 metres long have to go by carrier  
masts & booms will be packed in grey tube  
fittings and rigging will be packed in another pack

*for five sets of equipment bought at same time*  
there is a 5% discount on the total price

| other options                                  | price |
|------------------------------------------------|-------|
| sail bag (for No 1 rig)                        | £poa  |
| we no longer stock rig box material, sorry     | -     |
| <i>delivery</i>                                |       |
| packed in a sturdy box for delivery by carrier | £poa  |
| alternatively collect the completed rigs       | -     |

## additional sails

|              |                                 |                |
|--------------|---------------------------------|----------------|
| <b>SAILS</b> | <b>No 1 panelled</b>            | <b>£147.75</b> |
|              | <b>No 1 lightweight</b>         | <b>£136.25</b> |
|              | <b>No 2, 3, 4 or 5 panelled</b> | <b>£147.75</b> |
|              | <b>No 4 or 5 standard</b>       | <b>£108.75</b> |

mainsail and headsail have the following features

general

- battens, self adhesive
- No 1, 2 and 3 suits of sails have five panels in the main and four panels in the headsail
- built in shaping at seams
- No 1 panelled sails in 75 micron film with sewn seams for stable shaping
- EITHER No 1 lightweight sails in 75 micron, seams NOT SEWN – as in rig kit
- OR No 1 lightweight sails in 50 micron film NOT SEWN
- other sails in Mylar scrim with sewn seams for stable shaping
- No 4 and 5 standard suits are not panelled
- luff shaping suitable for application
- cloth suitable for application

|                           |                |
|---------------------------|----------------|
| No 1 Lightweight headsail | 50 micron film |
| No 1 lightweight mainsail | 50 micron film |

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**SAILSetc**

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|                                      |                       |
|--------------------------------------|-----------------------|
| No 1 headsail                        | 75 micron film        |
| No 1 mainsail with eyelets or slides | 75 micron film        |
| No 2 headsail                        | 125 micron film       |
| No 2 mainsail with bolt rope         | 160/180 gram/m2 scrim |
| lower sails                          | as appropriate        |

- headsail luff has a narrow pocket suitable for a 0.75 mm diameter forestay

|                |       |
|----------------|-------|
| colour of tape | white |
| choose         | grey  |
| from           | blue  |
| this list      | black |

- corner reinforcements patches are self adhesive

|                 |               |
|-----------------|---------------|
| colour of patch | black         |
| choose          | grey          |
| from            | white         |
| the             | red           |
| list            | blue          |
|                 | green         |
|                 | dayglo orange |
|                 | dayglo yellow |
|                 | dayglo pink   |

| options for additional sails                                   | price  |
|----------------------------------------------------------------|--------|
| extended luff to full height on mainsails – see Note 1         | £25.00 |
| non standard shaping - see note 2                              | £5.50  |
| ‘finger’ patches                                               | £7.75  |
| small pocket at luff for jackstay                              | £7.25  |
| insignia + numbers added to each side of mainsail and headsail | £12.50 |
| national letters applied to each side of one mainsail          | £6.50  |

## delivery

sails are laid on thick paper then rolled and placed in a 90 or 100 mm diameter cardboard tube  
 tube has end caps taped in place  
 delivery by first class post in the UK  
 delivery by letter post outside the United Kingdom  
 delivery by other means on application

### Note 1

*GROOVY mast only*

*The extended luff on reduced height mainsails extends the luff of the sail up to the normal maximum luff height.*

*This leaves a strip of cloth about 75 mm wide behind the mast down to the position of the top of the main triangular*

area of sail. The purpose of this is to create a 'splitter plate' behind the section of mast exposed above the head of the sail and reduce the drag of that part. Reducing the drag will always improve performance and drag reduction high up in the rig is especially useful.

Since December 2008 we have started to use a mast with an elliptical section above the hounds. This reduces the drag of the mast and eliminates the need to add the extended luff.

Note 2

the shaping built into our sails has evolved over a long time and many generations of design

F2 sails have our standard shaping

F3 sails have 17% more camber

F1 sails have 17% less camber

sails with non-standard shaping are marked in the tack to show the difference so you will always know if the sails you see are of standard or non-standard shaping

end

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## SAILSetc

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