

## Moulds & Standard Rigging

For TR1x we only offer the rigger sizes shown below, we do not offer custom made riggers.

Blue highlight means "Wing rigger only"

Only heavy duty ali wing riggers (ie. without backstays) are supplied with TR1x

Trainer 1x75 and 1x90

Mould #	TR101-	TR102-
Boat type	1x	1x
Crew weight - kg	60-75	75-90
Crew weight - lb	143-165	165-198
Length	755	790
Waterline Beam -cm	27.7	27.9
Bow (starb'd) 1/2 span - scull	795	795
Stroke (port) 1/2 span - scull	795	795
Bow Work height - scull	165	175
Str Work height - scull	155	165
Bow Lateral pitch - scull	0	0
Str Lateral pitch - scull	0	0

Keep the same standard work height as we currently have, but we will modify the production of riggers so that this work height is achieved without using spacers. Continue to provide spacers, and the bolts will be the same as now, so customers can go higher, if they want.

## Grades/construction

All Swift Trainers share these features;

- "Sandwich" construction (ie. A core material such as honeycomb, coremat, or PVC foam is sandwiched between 2 "skins").
- Use epoxy resin, and vacuum moulding.
- Enclosed seat decks for maximum buoyancy (exceed FISA's requirement).

	Club A	Club B
Overview	This is the lightest grade offered for Trainer 1x.	Specifically built for training purposes. Quite heavy, but great "work horses" . This construction is relatively easy to repair.
Hull	Coremat core with kevlar skins.	Coremat core with fibreglass skins.
Saxboards	Closed cell PVC foam core with kevlar skins, and carbon reinforcing.	Closed cell PVC foam core with fibreglass skins, and carbon reinforcing.
Canvas decks	Coremat core with kevlar skins.	Coremat core with fibreglass skins.
Seat deck	Closed cell PVC foam core with kevlar skins.	Closed cell PVC foam core with fibre glass skins..

## Stretcher type

Club A and Club B boats are supplied with lightweight carbon and PVC foam sandwich stretchers. There is a choice between shoes and flexfoot:

	Swift shoes	Flexfoot
Club A	Standard	Standard
Club B	Standard	Standard



Swift Racing shoes  
Sizes 37-54 available



Heel restraints and solid heels for safety, rounded heels for a good fit. Approved by USRowing and British Rowing.

## Shoe sizes

For shoes, the order form needs to be completed with European shoe sizes. Please use this chart to help you.

Euro	GB	US	JPN	Euro	GB	US	JPN
37	4 1/4	4 3/4	22.75	46	11	11 1/2	29.5
38	5	5 1/2	23.5	47	11 3/4	12 1/4	30.25
39	5 3/4	6 1/4	24.25	48	12 1/2	13	31
40	6 1/2	7	25	49	13 1/4	13 3/4	31.75
41	7 1/4	7 3/4	25.75	50	14	14 1/2	32.5
42	8	8 1/2	26.5	51	14 3/4	15 1/4	33.25
43	8 3/4	9 1/4	27.25	52	15 1/2	16	34
44	9 1/2	10	28	53	16 1/4	16 3/4	34.75
45	10 1/4	10 3/4	28.75	54	17	17 1/2	35.5

## Colour options

All hulls are light grey, and there are 4 possibilities for the upper part of the boat (decks and cockpit), so:

Light grey hull/red upper

Light grey hull/aqua blue upper

Light grey hull/yellow upper

Light grey hull/Light grey upper



Colour & RAL	Name	Hull Colour	Upper Colour
RAL 7035	Light grey	Yes	Yes
RAL 3001	Red	No	Yes

Colour & RAL	Name	Hull Colour	Upper Colour
RAL 5012	Aqua blue	No	Yes
RAL 1018	Yellow	No	Yes

PLEASE NOTE that the colours shown here are only very approximate representations.  
If the choice of colour is very important, then you should check the colour using the RAL numbers listed above.

## Name on boat

50mm tall, ariel font, in UPPER CASE & lower case. MUST be ordered at the same time as boat.  
Ask Distributor about cost.

## Seat type

Club B boats are supplied with moulded plastic seat top.



Club A boats are supplied with lightweight carbon seat tops.



A. Single action type with bearings, height adjustable.

B. Double action type (add extra 220g per seat)

## Rigger type

See following page for a full explanation of different rigger types:

<http://swiftracing.com/tr-fittings-features/>

## Notes about riggers

Our riggers are made from high grade aluminium, welded to the optimum design and hard anodised for a long lasting finish.

All are adjustable for span, work height and pitch.

We guarantee the accuracy of our span, work height and pitch, see website for details.

Aluminium stern wing riggers – heavy duty

Scull riggers using a heavy duty aerofoil profile, for use without backstays, ideal for lower ability crews and recreational rowing, mounted over the foot stretcher.

All measurements are in millimeters or degrees.  $\pm 3\text{mm}$ ,  $\pm 0.3$  degrees is the margin of error we work to.

Span and work height are calculated:

- From the boat's center line, when the pin is in the MIDDLE position of the rigger block.
- When the oarlock is vertically in the MIDDLE position of the pin.
- From the curve around the hole in the seat top to the sill of the oarlock.

Trainer 1x are only available with our "heavy duty ali wing riggers", that are not supplied with backstays.

	Work height adjustment				Work height by height wedge	Span by height wedge
	by pin washers	by 10mm spacers	by rigger height	by height wedge		
Heavy duty ali wing riggers	$\pm 18\text{mm}$	$\pm 10\text{mm}$			$\pm 28\text{mm}$	$\pm 21\text{mm}$

Ali Wing riggers have  $\pm 10\text{mm}$  extra work height adjustment with Swift's "10mm spacers", Prod# Rig33 (1 set supplied as standard).

For heavy duty ali wing riggers, lateral pitch can be easily adjusted with our pin wedges, Rig10A (1 degree wedges supplied as standard).

## Wrapping

Clear plastic wrapping is available, but help us to reduce the negative impact of our sport by choosing not to have this on your boats.

## Quick release (for wing riggers)

Our wing rigger quick release system is precision made, easy to use and reliable.



Quick Release (QR) parts are the same height as our standard 10mm spacer. Therefore when QR parts are used adjustability of work height is reduced by 10mm.

## Trestles



Steel trestles  
(small for 1s & 2s)



Steel trestles  
(simple for 1s & 2s)



Aluminium trestles  
(small for 1s & 2s)

## Boat weights

Approximate boat weights:

	Club A	Club B
Trainer1x75	19kgs (42lbs)	20kgs (44lbs)
Trainer1x90	20kgs (44lbs)	21kgs (46lbs)
Variation	+1/-0.5kg (1lb)	+1/-0.5kg (1lb)