

Moulds, rigging

Below are the standard rigger specifications for each mould.

For Cadet and Cadet Mini, we only offer the sizes shown below, we do not offer custom made riggers.

Blue highlight means "Wing rigger only"

Mould #	CadMini101-	CadMini101-	CadMini101-	Cad101-	Cad101-
Boat type	1x	1x	1x	1x	1x
Crew weight - kg	40-50kg	40-50kg	40-50kg	45-60kg	45-60kg
Crew weight - lb	88-110	88-110	88-110	99-132	99-132
Length	601	601	601	720	720
Waterline Beam -cm	24.8	24.8	24.8	25	25
Production Date	Oct-'13	Oct-'13	Oct-'13	Nov-'13	Nov-'13
Bow (starb'd) 1/2 span - scull	735	755	775	755	775
Stroke (port) 1/2 span - scull	735	755	775	755	775
Bow Work height - scull	135	150	165	150	165
Str Work height - scull	125	140	155	140	155
Bow Lateral pitch - scull	0	0	0	0	0
Str Lateral pitch - scull	0	0	0	0	0
Cadet & Cadet Mini riggers are not interchangeable.	CM Small rigger	CM Medium rigger	CM Large rigger	C Medium rigger	C Large rigger
Recommended oars	Cadet Short	Cadet Medium	Cadet Long	Cadet Medium	Cadet Long

Grades/construction

All Swift Cadet boats share these features;

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

	Club A	Club B
Overview	Due to small hull size, only a little over FISA minimum, so can still be highly competitive.	Built for training, but due to small hull size, not as heavy as normal Club B Racing Shells. 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.

Stretchers

Club A and Club B 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's own rowing shoes



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

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
37	4 1/4	4 3/4	22.75
38	5	5 1/2	23.5
39	5 3/4	6 1/4	24.25
40	6 1/2	7	25
41	7 1/4	7 3/4	25.75
42	8	8 1/2	26.5
43	8 3/4	9 1/4	27.25
44	9 1/2	10	28
45	10 1/4	10 3/4	28.75

Euro	GB	US	JPN
46	11	11 1/2	29.5
47	11 3/4	12 1/4	30.25
48	12 1/2	13	31
49	13 1/4	13 3/4	31.75
50	14	14 1/2	32.5
51	14 3/4	15 1/4	33.25
52	15 1/2	16	34
53	16 1/4	16 3/4	34.75
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)

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 reverse wing riggers

Scull and sweep riggers using aerofoil profiles, with C bracket to hold the pin, mounted behind the rower

All measurements are in millimeters or degrees. $\pm 3\text{mm}$, ± 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.
- When Ali Reverse Wing riggers (1x only) are fixed to boats with 1 piece of 10mm spacer.
- From the curve around the hole in the seat top to the sill of the oarlock.

All rigger types are adjustable for work height and span.

	Work height adjustment				Work height by height wedge	Span by height wedge
	by pin washers	by 10mm spacers	by rigger height	by height wedge		
Reverse Ali Wing scull	$\pm 25\text{mm}$	$\pm 10\text{mm}$			$\pm 25\text{mm}$	$\pm 19.5\text{mm}$

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

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.

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.

Boat weights

	Club A	Club B
Cadet Mini 1x	14.5kgs (31lbs)	15.5kgs (33lbs)
Cadet 1x	16.0kgs (34lbs)	17.0kgs (36lbs)
Variation	+/-0.5kg (1lb)	+/-0.5kg (1lb)