

SAILSetc Mould List

List of moulds, templates and associated tooling no longer used for production and offered for sale. Also used to list moulds in use and not for sale.

SAILSetc

updated 9th May 2018

Prices do not include VAT which will be charged at the current rate (currently 20%). Packing and carriage extra.

General

Moulds are made of epoxy resin with glass, carbon and other materials used as appropriate. They will be suitable for use at room temperatures. Some will be suitable for use at an elevated temperature.

Compression moulds

Except for hull moulds, all the mould sets offered here are compression moulds. These are a pair of matched moulds. One is 'male', the other is 'female'. The reinforcement cloth is wetted with epoxy resin and placed between the moulds. The moulds are then cramped together using G cramps or a hydraulic press. The pressure squeezes the cloth to make a very thin, fibre rich, light and fault free moulding.

Hand lay up moulds

Hull moulds are conventional moulds where the surface is covered with a gel coat, allowed to part cure, and then covered with reinforcement cloth which is wetted out with resin.

Joining jigs & cloth templates

Where these are available they will be supplied with the moulds they are relevant to.

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Fin, rudder & ballast related moulds

List Number	Item Code	Item Name	Description	Price
APP-01	359C	Rudder mould, 2003 design, 200 mm x 73 mm.	CNC machined alloy mould and matching epoxy piece used to make a pair of half rudder skins – join two pairs to make two rudder blades at a time. Royalty £2/item.	£300
APP-02	370	Fin mould set, core, skins and assembly jigs	Alloy moulds for the fin skins with matched moulds in carbon/epoxy. Carbon/epoxy moulds for the corrugated carbon core - one for IOM fins and one for M/10R fins. Timber assembly jig.	£500
APP-03	200-IOM	Mould for CF coating SAILSetc IOM ballast	The mould set used to coat a SAILSetc IOM ballast with carbon fibre and epoxy resin.	£75
APP-04	200-10R	Mould for CF coating SAILSetc Ten Rater ballast	The mould set used to coat a SAILSetc Ten Rater ballast with carbon fibre and epoxy resin.	£75
APP-05	359Z	Injection mould tooling for IOM rudder	CNC machined alloy mould for injection moulding a rudder. An extremely cost effective solution that would be of interest to anyone needing large quantities of economically priced, and well designed, IOM rudders.	£200

Deck & fin box/mast tube related moulds				
List Number	Item Code	Item Name	Description	Price
DECK-01	312A & 312B	Deck, forward part and aft part	As used on PARADOX. Compression mould pair.	£100
DECK-02		Fin box & mast tube moulds	As used on PARADOX. Compression mould pair. Used to make two halves of the fin box/mast tubes mouldings that are joined to make the unit to be bonded into the hull. Mast tube for conventional rig and for swing rig.	£50
DECK-03	144D	Fin box & mast tube for IOM	For making the fin box & mast tube moulding for TINTO. The moulding is cut in two and the two parts are bonded together to make the unit ready to bond into the hull.	£25
DECK-04	344D	Fin box & mast tube for IOM	Basically for making the same item as 144D but a four part mould (two outer parts, two cores) that produces the fin box/mast tube in one operation.	£50
DECK-05	367A	Fore deck recess mould - 6M & A Class	Epoxy/carbon moulds used to produce the foredeck and track recess moulding. Normally used on A Class or 6M Class hulls.	£100
DECK-06	311E/F	Centre deck - recessed - for IOM, M, 10R	Both parts of the mould are epoxy/carbon. Used to make the central recess for the mast for IKON, PRIZM and other, wider, designs.	£100
DECK-07		QUARK raised deck at bow - for retro fitting to flat decked QUARK	Makes a part that can be retro fitted to a flat decked QUARK to raise the freeboard at the bow.	£25
DECK-08	365	Deck beam - U shaped - 400 mm long	Makes a deck beam 20 mm wide x 25 mm deep x 400 mm long. Useful for making structural parts in glass or carbon.	£25
DECK-09		Deck beam - top hat section - 350 mm long	Makes a deck beam 37 mm wide at its base with a 14 mm wide x 11 mm deep inverted U in the middle. Traditional top hat section.	£25
DECK-10		Mast gate - for 12B gooseneck	For making a mast gate similar to that used on PRIME NUMBER and DIAMOND. For use with the 12B gooseneck.	£10
RC support & pot installation related moulds				
List Number	Item Code	Item Name	Description	Price
RC-01	311J	RC tray for IOM	2 part mould for r/c tray as used in SAILSetc IOMs for installation of Hitec servo for sail control – now replaced by 311P	£50

RC-02		Pot bottom mould	Two part used to make the moulding that is bonded to the bottom of a SAILSetc pot (item 54) to allow it to fit into a narrow hull where space is not available for the un-altered pot	£30
RC-03		Pot recess and deck mould - 200 mm x 120 mm	Two part mould used to make a pot recess and the surrounding deck suitable for an IOM, M or 10R. Allows the SAILSetc pot (item 54) to fit flush with the deck. Pot recess set 5 mm off centreline.	£50
RC-04	311D	Pot recess and deck mould	Two part mould used to make a pot recess and the surrounding deck suitable for an IOM, M or 10R. Allows the SAILSetc pot (item 54) to fit flush with the deck.	£50
RC-05		RC support - for RMG winch and 1 or 2 servos	Support for the winch, servo and pot that was used for TOPIKO and PIKANTO. A two part compression mould, one half in aluminium alloy and one half in Perspex. Two recesses for servos, one for an RMG winch, one for a SAILSetc pot, item 54. 150 mm wide, bonds to rear of fin box and main sheet post trunking. Useful on other designs, especially M and 10R where two servos can be installed easily.	£75
RC-06	67G	Fairlead - moulded - IOM	Makes one moulded fairlead that can be bonded under the deck edge (designed for TOPIKO/PIKANTO) through which the various sheets can be safely routed.	£10
RC-07	67G	Fairlead - moulded - M/10R	Makes one moulded fairlead that can be bonded under the deck edge (designed for PRIME NUMBER & DIAMOND) through which the various sheets can be safely routed.	£10
Fitting related moulds				
List Number	Item Code	Item Name	Description	Price
FIT-01		Gooseneck part for 36R	4 part mould that makes 2 gooseneck bodies similar to 14B and suitable for 36R class or similar	£50
FIT-02		Boom end for A Class	4 part mould for boom end for A Class that exploits the 25 mm 'bend' permitted – to suit 14 mm diameter main boom	£50
FIT-03	459E, 459F	Swing rig blocks for M or 10R	2 pairs of moulds to make swing rig block – metal core parts (three are needed for M/10R and will work in either mould) are not available	£25
FIT-04		Bent joiner for 8 mm boom tube	2 parts of a four part mould for making a joiner for a headsail boom made of 8 mm carbon tubes – the two 8 mm core pieces are missing – use stainless steel – about 20 degrees angle.	£25
FIT-05	68-xxx	Tiller arm mould	Two part CNC machined alloy mould plus jig – no cores but various diameter cores can be used to produce 3, 4, 5 and 6 mm ID tiller arms.	£100
FIT-06		Vane gear - simple, non self tacking version	Moulds for making three bodies in one go. As used for the SAILSetc vane gear prior to 3D printing.	£50

FIT-07	25-100 & 25-120	Rotating arm for mast head fitting	For making the rotating arm part of the SAILSetc 25-100 and 25-120 mast head fittings. That part is now made by injection moulding but this mould remains perfectly viable.	£50
FIT-08	21-150	Carbon coated spreader mould	Mould set for adding a carbon casing to the SAILSetc faired spreader tubes. Makes two at a time. Each moulding is 305 mm long. Two moulds available.	£50/each
FIT-09	14D	Gooseneck body - A Class - 16.5 mm Ø mast	For making the carbon fibre body of the SAILSetc 14D gooseneck, for A Class.	£100
Miscellaneous				
List Number	Item Code	Item Name	Description	Price
MISC-01	TubeJ	Moulds for making 6 mm ID tubes	For making 5 TubeJ at a time. Alloy outer parts and stainless steel cores.	£50
MISC-02	TubeM	Moulds for making 9 mm ID tubes	For making 5 TubeM at a time. Alloy outer parts and stainless steel cores.	£100
		Connector set	Mould for making a set of connector ends – these are small glass or carbon mouldings that contain epoxy resin bonding to join a tube to a hull and give a very neat finish without the need to make a faired join.	£30
Hull moulds				
List Number	Item Code	Item Name	Description	Price
HULL-01		ROGUE - RG65/65 - master	One piece master of ROGUE, the first SAILSetc RG65 design. To be used for making a mould.	£50
HULL-02		JAZZ - IOM - 1988	Two part mould split down centreline for JAZZ the first SAILSetc production IOM. An old mould that would be suitable for a craft project rather than for making competitive boats. No deck edge flange.	£100
HULL-03		TINTO - IOM - 1994	Two part mould split down centreline for the IOM TINTO, the flat deck version of RED WINE. An old mould that would be suitable for a craft project rather than for making competitive boats. No deck edge flange.	£100
HULL-04		RED WINE - IOM - 1994	Two part mould split down centreline for the IOM RED WINE, winner of the first IOM world championship. An old mould that would be suitable for a craft project rather than for making competitive boats. With a deck edge flange.	£100
HULL-05		PIKANTO - IOM - 2006	New moulds for PIKANTO. Require some work to finish and prepare before moulding can be done.	£300

HULL-06		PIKANTO - IOM - 2006	Used moulds for PIKANTO. Located Australia - contact Tim Brown for details.	TBA
HULL-07		FRAKTAL 2 - IOM - 2013	The hull moulds to create FRAKTAL 2. Port and starboard, joined on the centreline. Separate moulds for the bow and stern transoms, and centreline joining/reinforcing piece. Jigs for cutting out the openings in the foredeck and adding the fin box.	£300
HULL-08		ENIGMA - M - 1989	Two part mould split down the centreline and with a deck edge flange. A much used mould for the 1989 design that replaced HUSH HUSH and enjoyed much success. A beamy boat by modern standards.	£50
HULL-09		PARADOX - M - 1991	Two part mould split down the centreline and with a deck edge flange. A much used mould for the 1992, 1994 and 1996 world championship winner. One of the first of the narrow breed of Marblehead design that is still giving good racing in 2018.	£400
HULL-10		DARE DARE - Ten Rater design by Paul Lucas	Two part mould split down centreline and with generous deck edge flange. Designed circa 1985 and successful at that time. Possibly it still has some potential now with updated foils and ballast. Polyester mould.	£350
HULL-11		AIRSHAFT - Ten Rater design by Geoff Draper	Two part mould split down centreline and with generous deck edge flange. Designed circa 1992 and successful at that time. Possibly it still has some potential now with updated foils and ballast. Construction drawing available for copying. Epoxy mould. Designed at 6.3 kgs and 1270 mm waterline, it would probably be better floated at 5.8 kgs and a shorter waterline with more sail area.	£250
HULL-12		PUZZLE - Ten Rater	2 part mould split on centreline for 1997 SAILSetc Ten Rater, winner of several national championships. 5.1 kgs, 1270 mm waterline.	£450
HULL-13		GUNBOAT - A Class	Moulds made to a very high standard by Lech Archizewski, New York. Located there.	TBA

Moulds - Not For Sale

List Number	Item Code	Item Name	Description	Price
	311M	A Class centre deck & rc support	As used on original moulded SWORDS and suitable for any A Class or 6 Metre.	In use. NFS
	350G	Fin box & mast tube	As used in original SWORDS. Suitable for any A Class & 6 Metre. MDF moulds	In use. NFS
	311P	RC support - as used in QUARK & DIAMOND	Universal design used in many boats.	In use. NFS

		Pot ring mould	For a simple pot ring that can be added to any other deck moulding or ply deck	In use. NFS
		Cups for 31SET	For making the under deck cups that are used when retro fitting for the 31S rigging screw system	In use. NFS
	RB-CUP	Rig box cup	For making the saucer like mouldings from which 2 rig box cups can be cut	In use. NFS
	PAD	Pad mould	For making the coin sized saucers that can be added over a feature to make a neat bonding.	In use. NFS
	NUT	Nut head mould	For making the nut shaped covers for bonding over an M4 nut head.	In use. NFS
	311RG	Centre deck mould with recess for mast	As used on original ARGON hulls. For use with any RG65 that needs the mast lowering.	In use. NFS
	311S	Winch & servo support	2017 retro -fitting item for QUARK & DIAMOND to get the winch drum above deck. Should be replaced by printed parts in mid 2018.	In use. NFS
	311RMG	Forward block support moulding for PIKANTO.	As used on PIKANTO to place a block far into the bow so that an RMG winch could be used with the underdeck sheeting system. Fits onto the foredeck joiner combined with headsail swivel tube.	In use. NFS