

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 1st February 2023

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	Stored
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	Think this is with JL - 2022
	359D	Large rudder used for A and 6M - later used for skeg and rudder for FS boats	epoxy matched moulds with joining jig		with Martin Dovey from Jan 2022 - royalty?
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	in use at SAILSetc
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	in use at SAILSetc
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	SAILSetc
APP-06	370-IOM	Moulds for IOM fin	CNC machined alloy mould for IOM fin. Intended for production using pre-preg carbon but suitable for conventional moulding (hand laminating or using vacuum). Could be used as compression moulds with the addition of matched moulds for each half and suitable modification. 6% t/c ratio. Tapering from 135 mm at top to 75 mm at 420 mm from top, then a constant 75 mm wide for a further 140 mm. Straight trailing edge. Requires polishing.	£200	SAILSetc
APP-07	360-BLADE	Moulds for A Class/6 Metre rudder	Carbon/epoxy moulds and joiner jigs. Rudder is formed from two sides that are bonded using the jigs.	Not for sale	in use at SAILSetc

Deck & fin box/mast tube related moulds

List Number	Item Code	Item Name	Description	Price	Stored
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DECK-01	312A & 312B	Deck, forward part and aft part	As used on PARADOX. Compression mould pair.	£100	
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	in use at SAILSetc
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	in use at SAILSetc
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	Stored
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	£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	in use at SAILSetc
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	Stored
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-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-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	
Miscellaneous					
List Number	Item Code	Item Name	Description	Price	Stored
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	Stored
HULL-01		ROGUE - RG65/65 - master	One piece master of ROGUE, the first SAILSetc RG65 design. To be used for making a mould.	£50	SAILSetc
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	MC?
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. May be useful for making a 36R (with the stern chopped off).	£100	MC?
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	MC
HULL-05		PIKANTO - IOM - 2006	New moulds for PIKANTO. Require some work to finish and prepare before moulding can be done.	£300	141
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	SAILSetc
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	141
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	SAILSetc
HULL-13		GUNBOAT - A Class	Moulds made to a very high standard by Lech Archizewski, New York. Located there.	TBA	NY, NY, USA
HULL-14		36R - Vintage style		TBA	SAILSetc
HULL-15		Southwold		TBA	SAILSetc