



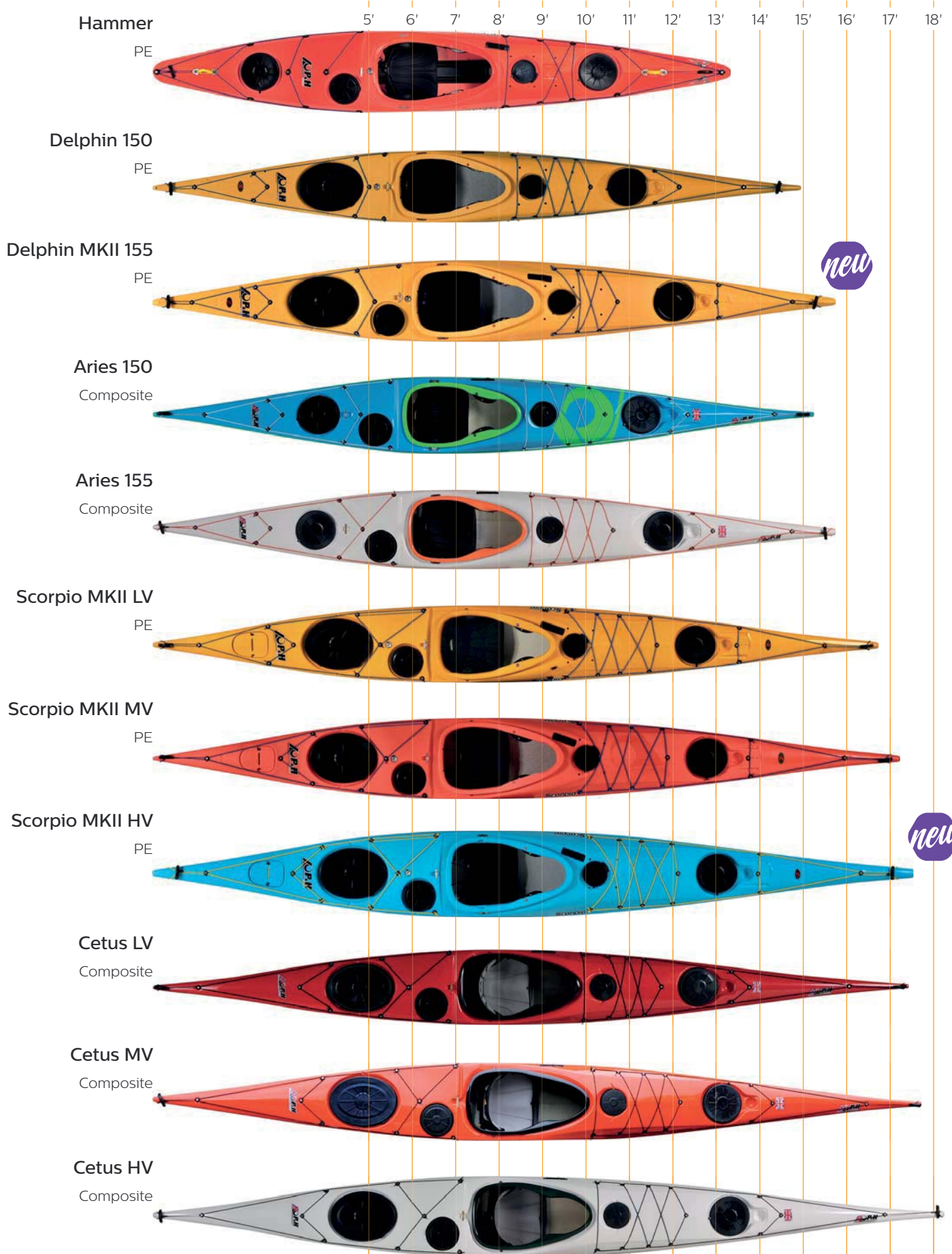
P&H CUSTOM SEA KAYAKS

SEA KAYAKS SPECIALISTS IN BRITISH SEA KAYAK DESIGN

phseakayaks.com

P&H SEA KAYAKS







SPECIFICATIONS

	MODEL	LENGTH	WIDTH	VOLUME	HATCH VOLUMES				COCKPIT		WEIGHT			LOAD WEIGHT
					Bow	Day	Stern	Mini	Length	Width	Diolen	K/C	LWK/C	
					liters				cm		kg			
COMPOSITE	Aries 150	466	56	279	45	36	52	4	81	42	23	22	21	40–105
	Aries 155	485	57	290	65	30	56	4	81	42	25	24.5	23.5	65–125
	Cetus LV	531	54	292	48.8	29	57	5.7	80	41.5	24.3	23.6	22.5	45–105
	Cetus MV	541	54.5	332	61.5	30	71.4	5	80	41.5	27.6	24.8	23.3	55–115
	Cetus HV	557	57	279	68.5	36.8	77.3	5.7	80	41.5	28.2	25.9	24.8	65–140
										CLX	CL	Surf		
POLYETHYLENE	Hammer	407	60.5	320	51	35	65	4	84	42			28	65–110
	Delphin 150	457	55	247	49	–	47	4	81	42	25	26.3		40–105
	Delphin 155	485	57	267	65	22	40	4	81	42	25.5	28.2		65–125
	Scorpio LV	508	53	271	49	21	51	4	76.5	38.5	26	28		50–110
	Scorpio MV	525	58	317	58	29	60	4	80	43	26.5	29.5		65–125
	Scorpio HV	535	61	344	60	32	64	4	80.5	43	29.5	32		75–135

Due to the nature of polyethylene roto-moulding some slight variations may occur. Please use this chart as a general guide only. E&OE.

Optimal load weight is the weight of the paddler when fully equipped, plus the weight of any gear stored in the kayak. Please note this is provided as a guide only and will depend on your skill level, as well as the conditions which you are paddling. We strongly recommend demoing kayaks before purchase.

 = New product.

COLOURS

Polyethylene colours below. Visit phseakayaks.com for the full range of colours available with composite kayaks.



Sunbeam
Blue Decklines



Lava
Blue Decklines



Turquoise
Yellow Decklines

ABOUT P&H

P&H have been pushing the boundaries of Sea Kayak design for over 40 years. From the ground breaking Delphin and Aries to the versatile Cetus and Scorpio, our designs have become the benchmark against which others are compared and the Hammer, has set a new standard for ocean play, surf and coastal rock hopping. We are committed to building the highest quality, most innovative sea kayak designs on the market.

Our range is used by some of the most respected sea kayakers, guides and coaches around the world due to the wide range of boats available and

the constant high standard of quality, durability of product and our international customer service.

All composite P&H Sea Kayaks are designed and handmade in the UK by a team of skilled craftsmen and our PE kayaks are manufactured using industry leading roto-moulding technologies.

A sea kayak is a significant investment, and most sea kayakers keep their craft many years. At P&H, we enjoy building the highest quality products, and building a long term relationship with our customers.



MODEL ARIES	USAGE Play The Sea	OUTFITTING Connect	SHELL Composite	COLOURS Visit phseakayaks.com to view all available colour options
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SIZE	LENGTH	WIDTH	VOLUME	WEIGHT [DIOLEN]	OPTIMAL LOAD WEIGHT
	466cm	56cm	279l	23kg	40–105kg
	485cm	57cm	290l	25kg	65–125kg

The Aries is ideal for anyone looking for a versatile, lightweight and stable kayak to explore the coast. Its Delphin features will excite those looking for a kayak to trip out to tide races to play the sea. The Aries will cater for the day paddler, and those that weekend from their kayak will not be disappointed.

After feedback from our team of pro coaches we have made the addition of a 4th day hatch behind the seat to provide vital, easy to reach storage making this boat a truly desirable coaching platform.

KEY FEATURES

- Mid hull and wide planing surface with smooth chines, stable forgiving and great for surfing.
- Rocker creates super manoeuvrability around rocks gardens and aids surfing.
- Bow volume helps quick resurfacing in turbulent water and helps punch through waves in the surf.
- Squared off stern creates long water line for speed and tracking, helps bow lift when surfing.
- Low back deck and cockpit, easy to roll when the wave wins.

The Aries is an exceptional day and weekend sea kayak due to its blend of comfort, versatility, space, manoeuvrability and performance in challenging conditions including surf and paddle sailing.



Douglas Wilcox.

DECK SIZE P&H Small

Visit our online customiser for a full list of options: phseakayaks.com



MODEL	USAGE	OUTFITTING	SHELL	COLOURS
CETUS	Expedition Load Carrying	Performance	Composite	Visit phseakayaks.com to view all available colour options



SIZE	LENGTH	WIDTH	VOLUME	WEIGHT [DIOLEN]	OPTIMAL LOAD WEIGHT
LV	531cm	54cm	292l	24.3kg	45–105kg
MV	541cm	54.5cm	332l	27.6kg	55–115kg
HV	557cm	57cm	379l	28.2kg	65–140kg

The asymmetric swede form hull design of the Cetus creates an expedition kayak that is fast through the water but extremely nimble on edge. The shallow V hull with the widest point at the hips makes the performance orientated Cetus exceptionally easy to hold on edge and the flattened hull shape gives enormous initial stability and secondary stability.

The Cetus HV has increased volume to give larger paddlers more knee and foot room. It will appeal to larger paddlers and those who need a high capacity expedition hull for extended trips.

The Cetus MV is our best-selling composite kayak – fast and manoeuvrable with plenty of cargo capacity for expeditions.

The Cetus LV shares the renowned performance of the Cetus family and gives smaller and lighter paddlers an expedition kayak that truly fits.

KEY FEATURES

- Swede form hull: stable, fast and manoeuvrable.
- Shallow V in hull easy to edge and hold on edge.
- 4 Hatch design, easily store and reach your gear for trips.

When it comes to the one boat that can do it all, it always seems to be about compromise, with the Cetus though the days of compromise are over. This really is the boat that can offer everything for everybody.



Doug Cooper, Head of Paddlesport at Glenmore Lodge.



MODEL

HAMMER

USAGE

Play The Sea

OUTFITTING

Connect

SHELL

Surf

COLOURS



SIZE	LENGTH	WIDTH	VOLUME	WEIGHT [SURF]	OPTIMAL LOAD WEIGHT
	407cm	60.5cm	320l	28kg	65–110kg

The Hammer is a new generation of sea playboat that will take 'playing the sea' to a higher level. Benefiting from the expertise at Pyranha Whitewater Kayaks and the influence of the P&H Delphin, the Hammer is designed for rock gardening, surfing and 'extreme sea play'.

The Hammer's planning hull, progressive rocker and unique bow profile make this ocean playboat extremely versatile. The Hammer is loose and manoeuvrable in surf and in tight rock gardens, yet tracks well on flatwater.

Construction is a tough, single skin roto-mould, the same as Pyranha Whitewater Kayaks, and offers full whitewater outfitting

including a fully adjustable seat, adjustable hip pads, thigh grips and full plate footrest.

KEY FEATURES

- Planning hull and progressive rocker, super manoeuvrable for surfing and rock gardening.
- Subtle keel, tracks well on the flat, is loose and disengages easily on the surf.
- Integral skeg, improves tracking on the flat and increases seafaring capabilities.
- 4 hatches and full deck lines for storing gear.
- Split paddle recesses.
- Flat space on the deck for mounting your favorite devices.
- Whitewater grab handles and end toggles for increased safety in big water.

P&H has stepped up and is introducing a boat that is proving to be the first true play / freestyle boat for the sea! Leaving compromises behind, the Hammer feels just as at home on long multi-day canyon river trips as it does in it's true home; the surf, rock gardens, and tearing up tidal races big and small.



Paul Kuthe, P&H Team Paddler.

DECK SIZE P&H Large

Visit our online customiser for a full list of options : phseakayaks.com



MODEL

DELPHIN

USAGE

Play The Sea

OUTFITTING

Connect

SHELL

**CoreLite X
Surf**

COLOURS

**new**

Delphin MKII 155



SIZE	LENGTH	WIDTH	VOLUME	WEIGHT [CLX]	WEIGHT [CL]	OPTIMAL LOAD WEIGHT
150	457cm	55cm	247l	25kg	26.3kg	40–105kg
155	485cm	57cm	267l	25.5kg	28.2kg	65–125kg

The Delphin has taken the Sea Kayak world by storm. Advanced paddlers love its agility and seaworthiness in rock gardens and tide races. Beginners find it a stable first kayak for day trips. The unique design of the Delphin gives this kayak unmatched manoeuvrability without sacrificing tracking or performance, and the dynamic hull comes alive in tide races, overfalls and surging water.

* [No day hatch on Delphin 150]

KEY FEATURES

- Bow rocker creates manoeuvrability and prevents purling when surfing.
- High volume bow splits and sheds water, quickly resurfaces on steep waves and helps punch through waves in surf.
- Hard bow chines direct water onto the planing surface allowing for a fast pick up on the wave.
- Flat planing hull with smooth chines, forgiving and stable for beginners, great for surfing, spins like a whitewater kayak to get you out of sticky situations.
- Squared off stern creates a long water line when paddling on flat water for speed and tracking.
- Low back deck and cockpit easy to roll.

Far from being a niche kayak and only suitable for experts in big conditions, it has a great deal to offer as a kayak for paddlers of all abilities. Beginners will make rapid progress and its forgiving nature, with no “nasty handling surprises”, will help paddlers advance their skills and push their comfort zones, whatever their level.



Douglas Wilcox.

DECK SIZE Delphin 150: P&H Small / Delphin 155: P&H Large

Visit our online customiser for a full list of options: phseakayaks.com



MODEL

SCORPIO MKII

USAGE

Expedition
Load Carrying

OUTFITTING

Performance

SHELL

CoreLite X

COLOURS



SIZE	LENGTH	WIDTH	VOLUME	WEIGHT [CLX]	WEIGHT [CL]	OPTIMAL LOAD WEIGHT
LV	508cm	53cm	271l	26kg	28kg	50–110kg
MV	525cm	58cm	317l	26.5kg	29.5kg	65–125kg
HV	535cm	61cm	344l	29.5kg	32kg	75–135kg

With a round chined and slightly V'd hull and generous bow rocker the Scorpio MKII runs with waves like no other polyethylene kayak out there. Suitable for both the professional sea kayak user and the individual owner looking for a stable and fast kayak for more exposed conditions with all round durability.

The MKII Scorpio's have a re-profiled deck to give a more comfortable seating position than before and better paddler to boat connectivity. The re-design also facilitates easier storage of the P&H Kayak Sail System when not in use and recesses to store split paddles. The rear of the cockpit rim and the volume behind has been lowered to increase roll-ability and make re-entry easier in the event of a swim.

KEY FEATURES

- First class design based on the Cetus. The features of the Scorpio offer the same responsiveness and manoeuvrability without sacrificing speed or stability.
- CoreLite X construction lightweight, durable and more ridged than standard PE constructions.
- 4 Hatch design; greater storage options and versatility.
- Outfitted with adjustable thigh grips and ratchets for easy back band adjustment.
- P&H Kayak Sail System ready – Inserts for mounting the mast are located on the deck and RDFs are positioned to take a 4-stay sailing rig and mainsheet.
- Now with adjustable ratchet backband system.

The Scorpio MKII, combined with the Code Zero rig, offers sea kayakers a real opportunity to expand their horizons and test their ocean skills. A well-trimmed sail will make moving through the water feel effortless, while enjoying the exhilaration of a fast moving boat; time to look to some distant shores!



Mark Tozer.

DECK SIZE P&H Large OPTIONS Skeg or Skudder

Visit our online customiser for a full list of options: phseakayaks.com



P&H Code Zero Sail

- High performance sail rig perfectly matched for our performance sea kayaks.

Sizes

0.8 // Sail area 0.8 square meters, ideal for gusty conditions and beginner kayak sailors.

1.0 // Suited for settled wind conditions or experienced kayak sailors looking for maximum power.



P&H Neoprene Deck

- Designed specifically for P&H Sea Kayaks to be as tough as a white water deck but with the additional features of deck elastics for your map when you want to explore. The latex underside gives seal and durability and a neoprene tube for comfort and dryness.

Waist tube sizes

S-M // 66–81cm

M-L // 81–86cm

L-XL // 86–97cm

Deck sizes

S // Scorpio LV, Cetus LV, Cetus MV, Cetus HV, Delphin 150, Aries 150, Aries 155

L // Scorpio MV & HV, Delphin 155, Hammer



P&H Combi Deck

- Waterproof and breathable spray skirt with 2 layer nylon adjustable waist tube and 4mm dive quality neoprene deck.

Waist tube size

One waist size // Fits all

Deck sizes

S // Fits Scorpio LV, Cetus LV, Cetus MV, Cetus HV, Delphin 150, Aries 150, Aries 155

L // Fits Scorpio MV & HV, Delphin 155, Hammer



P&H Classic Cap – Grey

- Classic curved bill cap with P&H embroidered to front and Union Jack on the back.

Waist tube sizes

S-M // 55–57cm

L-XL // 57cm–60cm



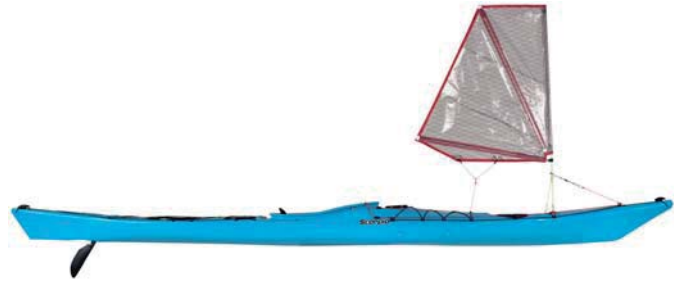
Why Kayak Sailing?

There are many reasons to consider rigging your kayak with a sail. Sails can be used to increase your range and speed on expeditions or day trips. They can add a level of safety on ambitious journeys or take the sting out of long crossings. And most of all, kayak sailing is fun – the thrill of flying across the water in a small boat with the wind in your sails can't be matched!

Sailing has been a part of the sport of sea kayaking since John MacGregor first put to sea in his Rob Roy canoe more than 150 years ago. MacGregor's focus was on adventuring and he fitted the Rob Roy with a simple lug sail design to help him cover ground when the winds were right.

As sea kayaking developed in the 1970's, 80's and 90's boat designs shifted toward more high performance shapes that weren't suited to the sail designs of the day. Sails failed to keep pace with innovations in kayak design and technique, and sailing became a speciality part of the sport instead of a central focus. Sea kayak sailing faded in prominence and emphasis was placed on powering the kayaks with the paddle alone.

But now, all this has changed with the advent of the Flat Earth sail design. Flat Earth Sails are simple, effective sail rigs that are perfectly matched to today's kayak designs. They can be adapted to fit virtually any touring kayak and require no complex outriggers, lee boards or rudders. Rigging and learning to sail a Flat Earth system is easy and fun. And Flat Earth Sails put kayak sailing right back where it belongs – as a central part of the sport of sea kayaking.



There's never been a kayak sail like this and there's never been a better time to jump into the world of sea kayak sailing.

The P&H Kayak Sail System

P&H Custom Sea Kayaks has partnered with Flat Earth sails of Australia to produce a high performance sail rig that can be adapted to fit a wide range of sea kayak designs.

Sizes // Offered in two sizes.

- 0.8 – with 0.8 square meters of sail area. Ideal for gusty conditions and beginning kayak sailors.
- 1.0 – with 1.0 square meters of sail area. Suited for settled wind conditions or advanced kayak sailors looking for maximum power.
- Simple to rig – Adaptable to virtually any touring kayak.
- Simple to sail – One line raises the mast, one line controls the sail.
- Rolls and stows on deck when not in use.
- Deploys in seconds.
- Forward mounted sail is completely clear of cockpit allowing for normal paddling technique.
- Allows for rolling and paddling in dynamic conditions.
- Sails down wind and across the wind without leeboards.
- Ideal for use on kayaks with retractable skegs or rudders.
- Extra mounting hardware allows use of the sail system on multiple kayaks.
- Both sizes of sail fit the same mast so you can change sails for different conditions.

After testing the sail it would take a hurricane to get it out of my hands. It has become such an integral part of my paddling, I cannot now imagine sea kayaking without it.



Douglas Wilcox.



IT'S NOT A SKEG VS RUDDER WORLD ANYMORE

The Skudder® combines the strengths of both a skeg and rudder and eliminates the weaknesses of either. The Skudder® is simple and bombproof like a skeg and ultra-efficient like the rudder. Deploy it partway and it functions like a skeg for control in wind and waves. Drop it all the way and the Skudder® becomes a super-efficient under-stern foil rudder. All parts stored internal for safe transportation with easy access for cleaning and maintenance.

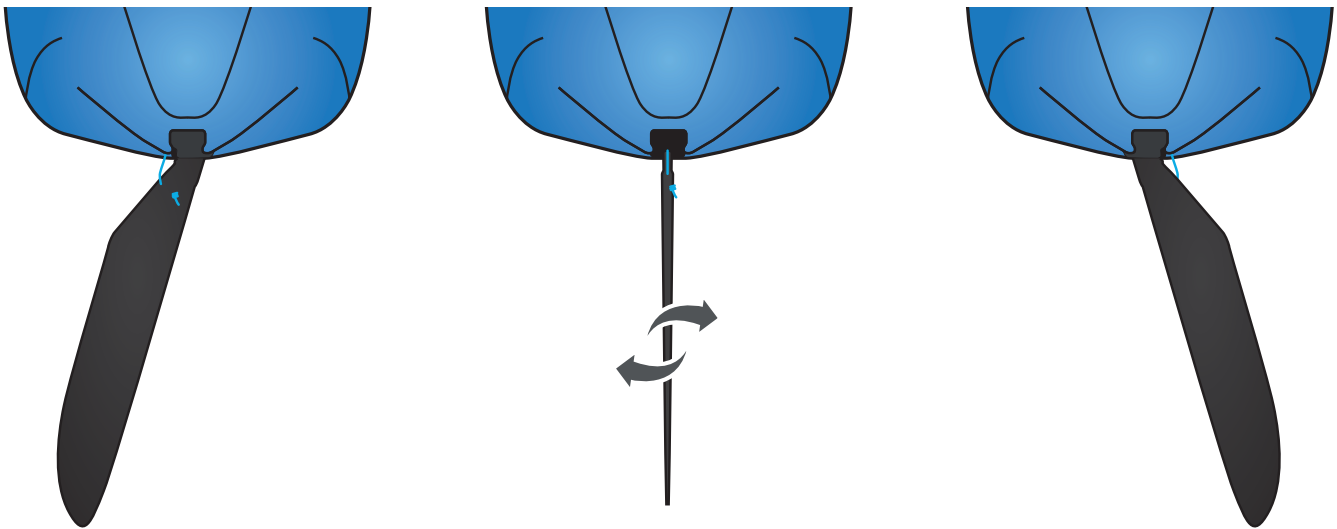
What makes the Skudder so great?

Efficiency — an under-stern rudder is much more effective than an over-stern rudder; particularly in rough water and having the end plate effect against the hull can double its efficiency.

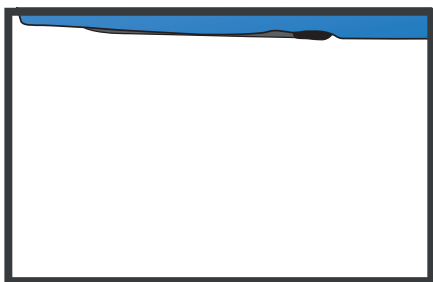
Lighter — At only 283grams the Skudder® is 46% lighter than a typical rudder.

Strength and Protection — A traditional rudder is bolted to the deck, and with blade up or down upsets the wind balance in the design. The long blade design of a rudder to reach the water is inherently more flexible and less effective than a Skudder®. The Skudder® when not deployed is completely protected, but when deployed all joints are shock protected, enormously strong, and all fully replaceable.

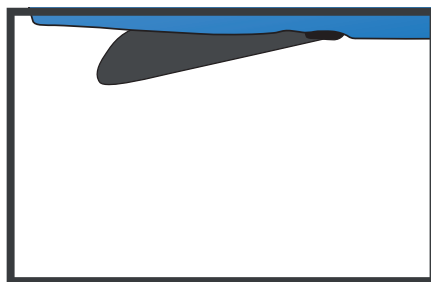
Available as an option on P&H Scorpio MKII, Venture Islay 12, 12LV, Islay SOT and Jura.



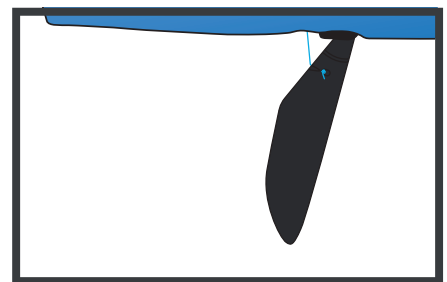
REVOLUTIONARY STEERABLE SKEG



Fully retractable when not in use.



Deploy partially for straight-line predictability.



Deploy fully for rudder-style maneuverability.



PYRANHA MOULDINGS ABOUT US

Pyranha have been manufacturing kayaks in the North West of England since 1971. Over the last 44 years we have supported local paddlers and world class expeditions, developed some of the most innovative products on the market, won numerous industry awards and in the process become Europe's leading specialist manufacturer of canoes and kayaks. Every boat is designed by our international team and built in Great Britain.

Owned and run by kayakers, we are committed to being on the leading edge of kayak design

across all our brands. As paddling enthusiasts, we also cherish the waters where we enjoy our sport and we strive to reduce our impact on the natural environment. At Pyranha we make constant improvements to our whole production process to support these goals. Developing the most technologically advanced materials, using industry leading processing methods and implementing detailed quality control systems means we can produce truly world class kayaks and help reduce our impact on the environment at the same time.



COVER PHOTOS //

PYRANHA PHOTO © Andraz Krpic / Paddler: Zan Kuncic (Leeway Collective)

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VENTURE PHOTO © Scott Martin (scottmartinimages.com)

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REVENGE TAB © Paul Smith



**YOU WON'T SEE
THE DIFFERENCE
BUT YOU'LL
DEFINITELY
FEEL IT**

**X
Lighter**

**X
Stiffer**

**X
Stronger**

CoreLite X is about 3–6kgs lighter than standard CoreLite and exceptionally stiffer for increased performance, all whilst adding durability too!

MADE IN GREAT BRITAIN

Technology advances at an incredible pace; we are constantly researching, innovating and trialling progressive approaches to the design of canoes and kayaks. 90% of these ideas never make it into production, either due to our own limitations or those of the machinery and processes available at that time, but we are enthusiasts making boats for other enthusiasts, so we carry on.

This approach to the manufacture of canoes and kayaks has seen us constantly pushing its boundaries over the past 25+ years, all from our headquarters and factory in Cheshire, England.

In 2015, we revisited an idea we first trialled in 1991, but at the time were unable to control well enough for it to be viable for production; it's amazing what 25 years of machinery advancements, experience and thought can do though, and we're pleased to say that this time we successfully produced the advanced material that we now call, 'CoreLite X'.

CoreLite X is a huge step forward in the construction of sandwich layer polyethylene canoes and kayaks, produced with a high degree of precision, and finely tuned to give the following benefits:

Key Benefits of CoreLite X:

- Lighter: much easier to carry & paddle than standard PE canoes, particularly for those with minimal experience of canoe handling.
- Significantly increased hull stiffness, bringing it closer than ever to composite performance.
- Greater durability, meaning you can forget your worries and lose yourself in the adventure.

“To lift a CoreLite X boat is as if you've spent months getting fit, and to paddle one is as though you've had an upgrade to a Kevlar/Carbon Lightweight construction too!”

– **Graham Mackereth, Founder & MD of Venture Canoes / Pyranha Mouldings Ltd.**