



THE SPIRIT OF SEA KAYAKING



TIDE RACE

WORKBOOK
2015

NEWFO

2015 LOOKS set to become a year when Tiderace further consolidate their position at the top of the sea kayak market. As the Tiderace brand goes from strength to strength, new constructions will be introduced along with a new model to the Pace family. Boat performance is paramount for Tiderace, and if we're guilty of one thing, that would be not shouting loud enough about the cutting edge and market leading nature of our composite constructions. The technology incorporated in our G-Core, G-CoreLite and HardCore laminates is second to none – these composite structures are far superior to the offerings of our market rivals, a fact that's well known and cherished by all our Team Tiderace customers. 2015 sees Tiderace introducing extravagance and thrift to the construction range, namely Race and Active to complement the existing offerings.

RACE construction: take it to the limit! Remove all the glass cloth, replace it with nothing other than Carbon and Kevlar. This extravagant layup brings the absolute best performance along with a serious weight reduction. Boat fittings and components are also made lighter in this construction – we wanted to build and paddle the ultimate, this is it! Padding does not get better than this...

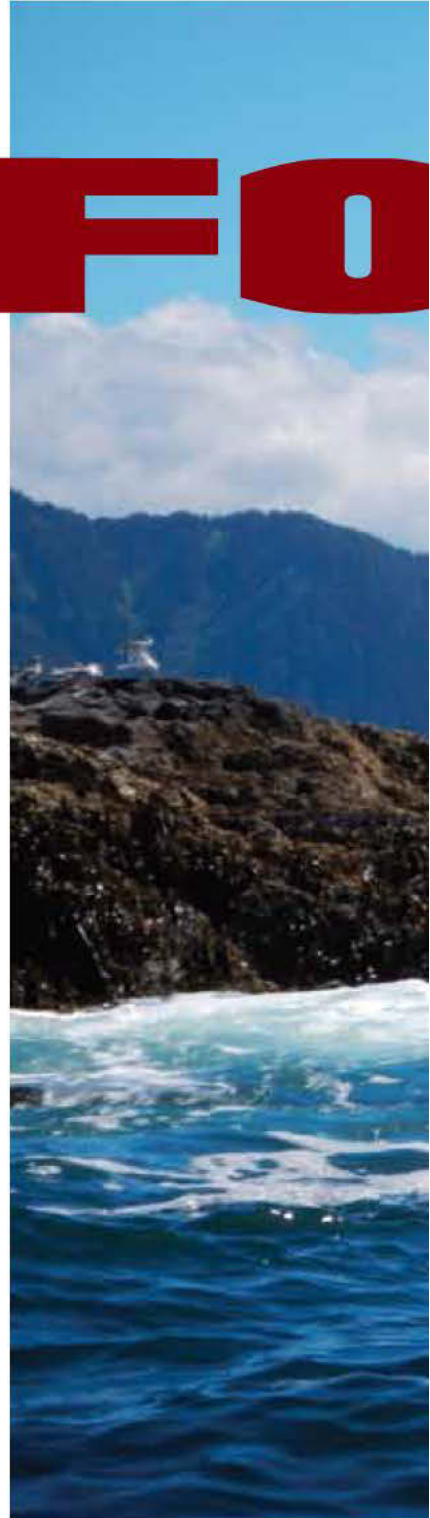
ACTIVE construction: introduced due to customer demand. This thrifty composite polyester construction will extend the established customer profile to those on a tighter budget, who have craved the opportunity of enjoying the performance of a Tiderace boat. Available only in select models, it's the perfect introduction to Team Tiderace.

NEW MODEL 2015 see's the introduction of the Pace Tour-S. We are delighted with the market's reception of the Pace Tour17, and again due to customer demand, we've created a version with reduced volume which is designed for lighter and smaller paddlers. The Pace Tour has become the 'go to' expedition sea kayak, it's pedigree and serious capabilities has been proven world over. The Tour's speed and stability gives paddlers a new confidence, and a level of performance and efficiency that exceeds our competitors.

HERE AT TIDERACE,

we are committed paddlers – we created the company to manufacture our paddling vision, and to build the original and exact designs we personally wanted to paddle. We enjoy paddling our boats, we sincerely hope you enjoy paddling our boats too.

TIDERACE 



IR2015



PHOTO CREDITS:

Cover: Kristoffer Vandbakk (Instagram: Kristoffervan)

p3: Ryan Rushton (Paddler: Sue Gjeraset at Yakobi Island, Alaska)

p7: Natalie Maderova, sixknots.net (Paddler: Michal Madera, River Thames, London)

p8: Lena Fjeld (Paddler: Frode Lund)

p10: Alice McInnes (Paddler: Lynne Walden, near the Isle of Eigg)

p14: Alastair Ferrar (Paddler: Michal Madera, Bigbury, South Devon)

p16: Paul Rutherford (Paddler: Michal Madera, Jersey)

p17: Conor Schultz (Paddler: Ryan Rushton, Cumberland Island National Seashore, Georgia, USA)

p18: Mark Sundin, Expedition Kayaks (Start of the 111km Hawkesbury Classic Ultra-marathon paddle)

p20: Paul Rutherford (Paddlers: Natalie Maderova and Michal Madera, South Devon)

p21: Rob Mercer, Expedition Kayaks (Paddler: Mick McRobb, Beecroft Peninsula, Australia)

p23: Paul Rutherford (Paddler: Julie Perren, Jersey)

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CONSTRUCTION



TCT EPOXY CONSTRUCTION

Tiderace Core Technology – a specially formulated epoxy resin in a multi-layer laminate, with an additional resin supported core that's designed to take abuse in rock gardens, big surf and expedition use.

These are performance laminates that give significantly stronger, stiffer and lighter kayaks, far exceeding a typical polyester resin, fibreglass construction.

TCT Core makes use of the structural 'I-Beam' principle of strengthening and stiffening structures. The further apart the inner and outer surface become, (i.e. the thicker the material), the stiffer it becomes but at a weight penalty. When material in the middle of the laminate is made lighter, (i.e. the core), overall stiffness is preserved while weight is dramatically reduced.

By using only the very best fibre reinforcements and epoxy resins to make up both inner and outer layers, and using a core material that structurally connects these layers, Tiderace achieves a structural composition that's second to none. By simply test-paddling our boats, this performance advantage becomes obvious and measurable. We've gained our reputation by the way we design and build our boats, we are proud of the products we manufacture, and we are dedicated to bringing the best to market.



All TCT constructions use a specially formulated epoxy resin which is stronger, tougher and has greater water resistance than a polyester or vinylester resin. Epoxy costs 2 to 3 times more than polyester resin but adds significantly to the strength and durability of your kayak.



A unique polyester gelcoat designed to bond to epoxy resin systems without the need of a tie coat. It has excellent u.v. resistance and is easy to repair in the field.



All TCT constructions are multi-stage post-cured at elevated temperatures to create the strongest sea kayaks.



Adhesive bonded "biscuit tin" side seam for strength and stiffness with additional inside and outside tape seams

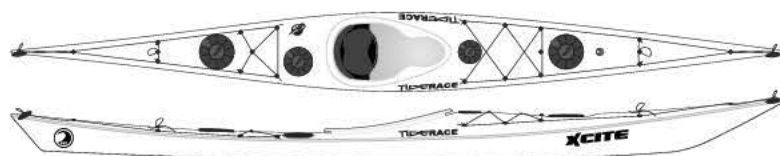
- | | |
|-----------------------|-------------------------|
| 1 Gel Coat | 8 Glass biaxial medium |
| 2 Glass cloth s-lite | 9 Glass biaxial heavy |
| 3 Glass cloth lite | 10 Resin Supported Core |
| 4 Glass cloth medium | 11 Carbon Kevlar cloth |
| 5 Glass cloth heavy | 12 CSM |
| 6 Glass cloth s-heavy | 13 Coremat |
| 7 Glass biaxial lite | 14 Diolen |



ACTIVE CONSTRUCTION

Active is the most economical construction we offer. It is our least technical construction, yet offers a more rewarding entry to the delights of Tiderace kayak performance than a rotomoulded plastic version. Active construction is currently offered on Xcite, Xplore-M & Xcape-S only.

- Glassfibre, localised coremat reinforcing, with polyester resin
- Polyester gelcoat for easy field repair
- Butt joined side seam with additional inside and outside tape seams
- Active construction boats are white with black Diolen to the inner hull



T73 Colourway : Hull/Deck/Bulkheads/Seat/
Outside Seam & Cockpit Rim "White"

Inner layer of woven cloth in hull laminate is black

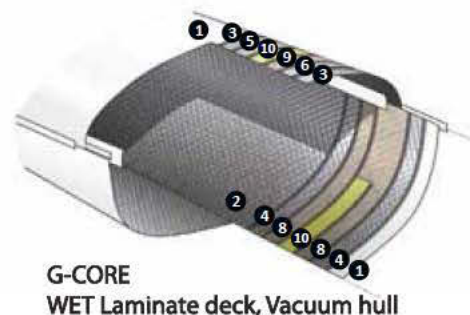


"butt-joined" side seam

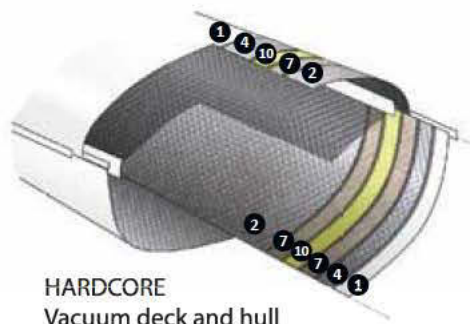
FUNCTION



The bedrock of the Tiderace constructions, G-Core employs a biaxial glass cloth to encapsulate the resin supported core material. Biaxial cloths have straight fibres running in two diagonal directions – these dense straight fibres increase the fibre to resin ratio and add stiffness to the laminate. Extra localised reinforcing is employed in high stress areas.

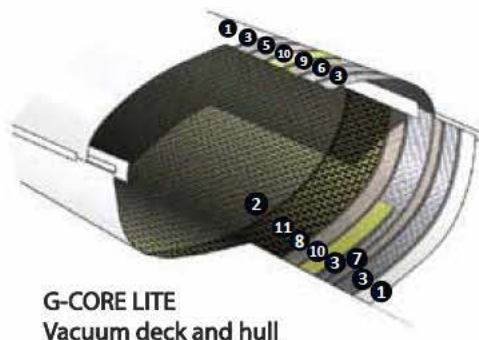


Aspirational, the toughest and most durable of the Tiderace constructions. Multiple layers are employed giving a puncture resistant glass skin outside the core. Employing only glass on the outside of the laminate makes for easy repairs. Inside, a high tensile layer of carbon/kevlar resists deformation and absorbs heavy impacts – as with all constructions, this is covered with a fine glass cloth to resist foot abrasion inside the cockpit.



Hardcore **Xtreme** for the Xtra playboat series – higher density core and chine edge reinforcement in the cockpit area give awesome strength and stiffness for big surf conditions.

Proven in the Pace series, G-Core Lite employs a full length core throughout both hull and deck. Fewer glass layers can be used which reduces weight while stiffness is maintained by the resin supported core and lighter biaxial glass cloth. This laminate is less impact resistant than G-Core, but the lighter weight provides easier handling and the stiffness is ideal for racing, fitness training or light fast touring.



The only reinforcing used in this laminate is Carbon and Kevlar. This highest specification cloth is combined with epoxy resin and various thickness of core material, then vacuum bagged and heat treated. This extravagant layup brings the absolute best performance along with a serious boat weight reduction. Fittings and components are also made lighter in this construction. Perfect for ultimate speed, less suited to the rigours of expeditioning.



Active construction has been introduced to offer the opportunity to experience the design detail and performance of Tiderace kayaks in a more economical way. Use of CSM Glassfibre, coremat stiffening, polyester Diolen in the hull, butt join side seams and polyester resin match the industry standard construction. It does not achieve the strength, stiffness and durability of a Tiderace TCT construction but allows us to present design detail that would not be possible in a rotomoulded polyethylene version.



CHOOSING THE RIGHT SEA KAYAK

AT TIDERACE, when we create new kayak models we aim to give you the best choice of design, fit and performance. This, we believe, will ultimately lead to greater enjoyment and achievement from your time spent kayaking.

More choice, however, requires a more involved decision making process and we recognise that people often want more help with their choice of kayak. We pride ourselves in trying to provide all the information we can about the performance of our kayaks. We aim to develop and expand the understanding of sea kayak design and manufacture and encourage paddlers to join us in that development process.

The Team Tiderace Facebook Group is there for you to join and to share your thoughts about Tiderace kayaks. We love to read your comments here and on our Company Facebook Page and for you to follow us on Twitter. Several of this year's innovations have developed from customer feedback.

PRIMARY DESIGN FOCUS AND CROSS PLATFORM FLEXIBILITY

Each kayak model has a primary design focus and this is a good way to understand the strongest characteristics of each kayak: whether **Touring, Play** or **Speed**. A Tiderace sea kayak will perform exceptionally well in its primary category, but most of our kayaks are also outstanding multi-disciplined platforms which perform well in all three categories.

All our kayaks are computer designed which enables us to accurately scale a model to suit different paddler sizes and weight and they all have an exceptionally ergonomic cockpit design.

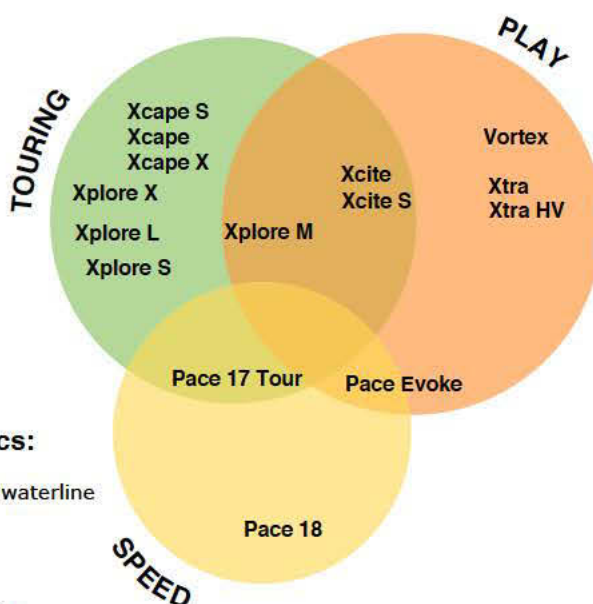


Characteristics:

Load carrying
Directional stability
Effortless paddling

Great for:

Multi-day trips
Varied sea-scapes
Core activity: Touring



Characteristics:

High manoeuvrability
Stability on edge

Great for:

Rock-hopping
Surfing
Day trips
Core activity: Playing

Characteristics:

Rudder
Longer length waterline

Great for:

Fast touring
Sea kayak racing



THE RIGHT SEA KAYAK FOR YOU DEPENDS ON A NUMBER OF FACTORS:

1. The kayak's primary design focus
2. Your intended main activity for the sea kayak
3. Your physical size and shape
4. The load carried
5. Your personal preferences

Of course nothing substitutes a test paddle. Tiderace can only build the kayaks and provide the information. We always encourage you to test paddle a range of Tiderace and other sea kayaks for comparison, and whichever Tiderace model you choose will be the right one for you.

Details of demos and Tiderace dealers are on the Tiderace website.

www.tideraceseakayaks.co.uk



Model	Total volume Litres	Touring	Play	Speed	Optimum paddler weight range	
					kgs	lbs
Xcape S	332	●●●●●	●●	●●●●	60 - 85	132 - 187
Xcape	360	●●●●●	●●	●●●●	75 - 95	165 - 210
Xcape X	406	●●●●●	●●	●●	85 - 105	187 - 230
Xplore S	330	●●●●●	●●	●●●●	60 - 85	132 - 187
Xplore M	354	●●●●●	●●	●●●●	75 - 95	165 - 210
Xplore L	380	●●●●●	●●	●●●●	80 - 100	176 - 220
Xplore X	430	●●●●●	●●	●●●●	85 - 110	198 - 243
Xcite S	310	●●	●●●●●	●●	55 - 80	120 - 176
Xcite	366	●●●●	●●●●●	●●	75 - 95	165 - 210
Xtra	337	●●	●●●●●●	●●	65 - 90	143 - 198
Xtra HV	369	●●	●●●●●●	●●	80 - 100	176 - 220
Vortex	340	●●	●●●●●●	●●	70 - 100	154 - 220
Pace 18	373	●●●●●	●●	●●●●●●	70 - 95	154 - 210
Pace Tour	405	●●●●●●	●●	●●●●●	80 - 110	176 - 243
Pace Tour-s	375	●●●●●	●●	●●●●	65 - 95	132 - 210
Pace Evoke	370	●●●●●	●●●●●	●●●●	75 - 95	165 - 210

XPLORE

XPLORE-S

suitable paddler weight 60 - 85 kg

XPLORE-M

suitable paddler weight 75 - 95 kg

XPLORE-L

suitable paddler weight 80 - 100 kg

XPLORE-X

suitable paddler weight 85 - 110 kg

A HIGH PERFORMANCE EXPEDITION SEA KAYAK FOR THE ADVENTUROUS PADDLER

The Xplore range of sea kayaks is designed to serve two purposes: to be efficient, capable, seaworthy expedition kayaks, while also being dynamic to paddle on day trips. Computer designed, the Xplore series hulls are honed to provide especially efficient cruising at above 4 knots. Hatch volume is large, especially in the larger model sizes – these boats have a proven expedition pedigree and are used on record-breaking achievements. Cockpit foredecks are relatively high giving a dynamic and commanding paddling position. When paddled with a light load on day trips, the Xplore rewards the enthusiastic paddler who enjoys edge-turns and easy wave catching.

XPLORE SERIES STANDARD FITTINGS.



Retractable Skeg



Comfort cockpit



Adjustable
Backrest



Reflective Deck
Elastic



Silva 70P
Compass Recess



Footbrace



Curved
Cockpit bulkhead















Split Paddle



Model	Dimensions				Volumes/Hatches						
	length	width	depth	cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
XPLORE-S Paddler 80kg, kayak 24kg Suitable paddler weight	530 cm overall 460 cm waterline 60 - 85 kg	51 cm overall 50.6 cm waterline	30 cm	87 x 49cm	80 ltr A	6 ltr C	38 ltr D	70 ltr B	136 ltr	330 ltr	 24cm Round
XPLORE-M Paddler 85kg, kayak 25kg Suitable paddler weight	530 cm overall 460 cm waterline 75 - 95 kg	54 cm overall 53 cm waterline	31.5 cm	87 x 49cm	85 ltr B	6 ltr C	44 ltr D	73 ltr B	146 ltr	354 ltr	 44 x 26cm Oval
XPLORE-L Paddler 90kg, kayak 26kg Suitable paddler weight	550 cm overall 470 cm waterline 80 - 100 kg	54 cm overall 53 cm waterline	33.5 cm	87 x 49cm	92 ltr B	6 ltr C	48 ltr D	76 ltr B	158 ltr	380 ltr	 15cm Foredeck
XPLORE-X Paddler 95kg, kayak 29kg Suitable paddler weight	550 cm overall 470 cm waterline 85 - 110 kg	61 cm overall 58.6 cm waterline	35 cm	89 x 52cm	105 ltr B	6 ltr C	50 ltr D	90 ltr B	179 ltr	430 ltr	 20cm Day

Design Features					
	Hull Shape	Rocker	Kg of cargo	Stability	Speed
	shallow 1 - deep 3	1 (low) - 5 (high)	to submerge 1 inch	1 (low) - 5 (high)	1 (high) - 5 (low)
XPLORE-S	V2	2	36.3 kg	1.5	3.5
XPLORE-M	V2	2	38.7 kg	2.5	3.5
XPLORE-L	V2	2	38.9 kg	2.5	4
XPLORE-X	V2	2	43.0 kg	5	5

		XPLORE-S			XPLORE-M			XPLORE-L		XPLORE-X	
<div><div><div>EPOXY</div></div><div>Constructions</div></div>		<div><div>AH₂ TCT</div></div>	<div><div>CK TCT</div></div>	<div><div>AH TCT</div></div>	<div><div>ACTIVE TCT</div></div>	<div><div>AH₂ TCT</div></div>	<div><div>CK TCT</div></div>	<div><div>AH₂ TCT</div></div>	<div><div>CK TCT</div></div>	<div><div>AH₂ TCT</div></div>	<div><div>CK TCT</div></div>
<div>Average weights</div>		25.50 kg	23.50 kg	22.0 kg	25.0 kg	26.75 kg	25.0 kg	27.0 kg	26.0 kg	27.50 kg	28.50 kg
<div></div> <div>T52</div>		●	●			●	●	●	●	●	●
<div></div> <div>T53 (T73)</div>		●	●	●	●	●	●	●	●	●	●
<div></div> <div>T60</div>		●	●			●	●	●	●	●	●
<div></div> <div>T61</div>		●	●	●		●	●	●	●	●	●
<div></div> <div>T51</div>		●	●			●	●	●	●	●	●
<div></div> <div>T62</div>		●	●			●	●	●	●	●	●

XCAPE

XCAPE-s

suitable paddler weight 60 - 85 kg

XCAPE

suitable paddler weight 75 - 95 kg

XCAPE-x

suitable paddler weight 85 - 105 kg



AN EFFICIENT EXPEDITION

SEA KAYAK FOR THE DISCERNING PADDLER

Experience calm before, during and after the storm when paddling the Xcape. The Xcape series are designed as solid, dependable, highly stable yet very efficient touring kayaks. These straighter running boats are an excellent platform to ease away the miles, to hammer through chop and carry a substantial load. The Xcape is the quiet and unassuming performer who grows to be your best friend. The lower, smoother deck creates a sleek profile; Designed to take the hard work out of expeditioning, the Xcape glides through the most challenging waters whilst eating away the miles.

XCAPE SERIES STANDARD FITTINGS.



Retractable Skeg



Comfort cockpit



Adjustable
Backrest



Reflective Deck
Elastic



Silva 70P
Compass Recess



Footbrace






Curved
Cockpit bulkhead



Split Paddle



Model	Dimensions				Volumes/Hatches						
	length	width	depth	cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
XCAPE-s Paddler 75kg, kayak 25kg Suitable paddler weight	513 cm overall 445 cm waterline 60 - 85 kg	54 cm overall 53.2 cm waterline	28.5 cm	87 x 49cm	80 ltr A	6 ltr C	39 ltr D	70 ltr B	137 ltr	332 ltr	 24cm Round
XCAPE Paddler 85kg, kayak 25kg Suitable paddler weight	540 cm overall 466 cm waterline 75 - 95 kg	55 cm overall 53.4 cm waterline	31 cm	87 x 49cm	87 ltr B	6 ltr C	45 ltr D	72 ltr B	150 ltr	360 ltr	 44 x 26cm Oval
XCAPE-x Paddler 95kg, kayak 28kg Suitable paddler weight	535 cm overall 468 cm waterline 85 - 105 kg	57.5 cm overall 56.4 cm waterline	35.5 cm	89 x 52cm	99 ltr B	6 ltr C	47 ltr D	85 ltr B	169 ltr	406 ltr	 15cm Foredeck  20cm Day

Design Features					
	Hull Shape shallow 1 - deep 3	Rocker 1 (low) - 5 (high)	Kg of cargo to submerge 1 inch	Stability 1 (low) - 5 (high)	Speed 1 (high) - 5 (low)
XCAPE-S	V3	1.5	36.7 kg	3	4
XCAPE	V3	1.5	38.6 kg	3	4
XCAPE-X	V3	1.5	40.9 kg	4.5	5

 EPOXY	Constructions	XCAPE-S				XCAPE		XCAPE-X	
	Average weights	 24.0 kg	 26.25 kg	 24.50 kg	 22.0 kg	 26.50 kg	 25.15 kg	 26.75 kg	 26.50 kg
	T52		●	●		●	●	●	●
	T53 (T73)	●	●	●	●	●	●	●	●
	T60		●	●		●	●	●	●
	T61		●	●	●	●	●	●	●
	T51		●	●		●	●	●	●
	T62		●	●		●	●	●	●

XCITE



NEW T60, T61
Asymmetric
Chevron Design

XCITE-S

suitable paddler weight 55 - 80 kg

XCITE

suitable paddler weight 75 - 95 kg

THE WORLD'S FINEST ROUGH WATER, TOURING SEA KAYAK.

The Xcite is Tiderace's original playboat for the sea. It surfs, it carves, it edges. It's the enthusiast's boat of choice. Easily capable of light touring, the Xcite's ease of turning and stability also makes it the adventurer's favourite 'go-anywhere' and 'take-on-anything' sea kayak. The Xcite has ample speed to get you to the remotest locations and a seaworthy design which lets you enjoy the rough-stuff along the way. The cockpit ergonomics transfer a wealth of feedback back to the paddler making the Xcite a true paddler's boat. The compact size of the Xcite S makes it an excellent rolling kayak – in the right hands, this boat is capable of performing all the competition Greenland rolls!

XCITE SERIES STANDARD FITTINGS.



Retractable Skeg



Comfort cockpit



Adjustable
Backrest



Reflective Deck
Elastic



Silva 70P
Compass Recess



Footbrace



Curved
Cockpit bulkhead



Split Paddle



Model	Dimensions				Volumes/Hatches						
	length	width	depth	cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
XCITE-s Paddler 70kg, kayak 23kg Suitable paddler weight	500 cm overall 432 cm waterline 55 - 80 kg	50 cm overall 50.4 cm waterline	29 cm	85 x 47cm	73 ltr A	6 ltr C	n/a -	99 ltr B	132 ltr	310 ltr	<div><div>A</div><div>24cm Round</div><div>B</div><div>44 x 26cm Oval</div><div>C</div><div>15cm Foredeck</div><div>D</div><div>20cm Day</div></div>
XCITE Paddler 85kg, kayak 25kg Suitable paddler weight	532 cm overall 456 cm waterline 75 - 95 kg	54 cm overall 53 cm waterline	31 cm	87 x 49cm	90 ltr A	6 ltr C	42 ltr D	76 ltr A	152 ltr	366 ltr	

Design Features					
	Hull Shape shallow 1 - deep 3	Rocker 1 (low) - 5 (high)	Kg of cargo to submerge 1 inch	Stability 1 (low) - 5 (high)	Speed 1 (high) - 5 (low)
XCITE-s	V1	3	34.6 kg	2	4.5
XCITE	V1	3	37.4 kg	2.5	4.5

 	Constructions	Average weights	XCITE-s			XCITE		
			23.5 kg	22.5 kg	21.0 kg	25.0 kg	25.50 kg	24.0 kg
	T52		●	●			●	●
	T53 (T73)		●	●	●	●	●	●
	T60		●	●			●	●
	T61		●	●	●		●	●
	T51		●	●			●	●
	T62		●	●			●	●

XTRA



NEW T60, T61

Asymmetric
Chevron Design

THE NEXT STEP IN THE "PLAY THE SEA" REVOLUTION.

Tiderace has created another extraordinary kayak. Designed for surf and rock hopping, the Xtra makes all the traditional play manoeuvres easy and new ones possible! Incorporating a planing hull and loads of rocker, this highly controllable boat plays the sea with abandon.

Quick acceleration for bursting through the eddyline or initiating a surf, excellent stability for carving bottom turns, and loose ends for quick cut-backs are some of the results of this forward thinking design. Like all Tiderace sea kayaks, the Xtra is designed to keep pace with the group on a day trip. Load up your camping kit and paddle to your favourite remote play spot, the Xtra handles the sea in all conditions!

XTRA-HV

suitable paddler weight 65 - 90 kg

XTRA

suitable paddler weight 80 - 100 kg

XTRA SERIES STANDARD FITTINGS.



Retractable Skeg



Comfort cockpit



Adjustable
Backrest



Reflective Deck
Elastic



Silva 70P
Compass Recess



Footbrace



Curved
Cockpit bulkhead



Split Paddle



Model	Dimensions				Volumes/Hatches						
	length	width	depth	cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
XTRA Paddler 80kg, kayak 25kg Suitable paddler weight	505 cm overall 435 cm waterline 65 - 90 kg	56.0 cm overall 55.0 cm waterline	30.5 cm	87 x 49cm	70 ltr A	6 ltr C	43 ltr D	69 ltr A	152 ltr	337 ltr	 24cm Round 44 x 26cm Oval 15cm Foredeck 20cm Day
XTRA-HV Paddler 90kg, kayak 25kg Suitable paddler weight	505 cm overall 435 cm waterline 80 - 100 kg	56.5 cm overall 55.4 cm waterline	32.5 cm	87 x 49cm	75 ltr A	6 ltr C	48 ltr D	75 ltr A	165 ltr	369 ltr	

Design Features

	 "Flat" Hull Shape F1 flat - F2 almost flat	 Rocker 1 (low) - 5 (high)	 Kg of cargo to submerge 1 inch	 Stability 1 (low) - 5 (high)	 Speed 1 (high) - 5 (low)
XTRA	F2	4	37.3 kg	3	5
XTRA-HV	F2	4	37.7 kg	3	5

XTRA

XTRA-HV

 Constructions Average weights	 24.5 kg	 24.0 kg	 25.0 kg	 26.0 kg	 24.5 kg	 26.5 kg
 T52	●	●			●	●
 T53	●	●	●	●	●	●
 T60	●	●			●	●
 T61	●	●	●		●	●
 T51	●	●			●	●
 T62	●	●			●	●

VORTEX



VORTEX

suitable paddler weight 70 - 100 kg

A NEW ROCK-HOPPING AND SURFING SUPERSTAR!

Like its cousin the Xtra, the Vortex is an excellent design for rock-hopping, surfing and tidal play. The triple-layer polyethylene construction is ideal for newcomers to sea kayaking or those looking to take their kayak into rock gardens or surf. Generous width gives the Vortex a high initial and secondary stability – this inspires confidence in less experienced paddlers who wish to improve their skills. Add the Vortex to your quiver of Tiderace boats for a performance playboat for you and a stable, well-mannered sea kayak you can put your friends in!

VORTEX STANDARD FITTINGS.



Retractable Skeg



Comfort cockpit



Adjustable
Backrest



Reflective Deck
Elastic



Silva 70P
Compass Recess



Footbrace



Split Paddle



Model	Dimensions				Volumes/Hatches						
	length	width	depth	cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
VORTEX Paddler 80kg, kayak 25kg Suitable paddler weight	505 cm overall 435 cm waterline 70 - 100 kg	56.5 cm overall 55.4 cm waterline	31.5 cm	87 x 49cm	70 ltr A	6 ltr C	43 ltr D	69 ltr A	152 ltr	340 ltr	  

Design Features



Hull Shape

F1 flat - F2 almost flat



Rocker

1 (low) - 5 (high)



Kg of cargo

to submerge 1 inch



Stability

1 (low) - 5 (high)



Speed

1 (high) - 5 (low)

VORTEX

F2

4

37.3 kg

3

5

Constructions



Average weights

27.5 kg



COLOURWAYS

● Standard



PACE



NEW FOR 2015 Pure Carbon/Kevlar construction

PACE 18

THE NEW STANDARD IN FAST AND LIGHT SEA KAYAKING.

Pure science! A fast sea kayak (FSK) is defined by the ratio of its surface waterline length to surface waterline width when it sits 4 inches deep in the water. This 18 foot long kayak takes this measurement ratio as close to the limit as tolerances allow. Minimal mid-section rocker, rounded cross-sections throughout and computer designed to give the lowest possible resistance values at racing speed. The Pace18 is configured with the signature Tiderace cockpit design which allows full boat control in rough or moving water along with an ability to be eskimo rolled. This swede form hull possesses a high sprint speed yet is surprisingly stable for such a pure-bred racing sea kayak and can be an effective lightweight touring kayak for the "Alpinist" style paddler who wants to cover distances quickly.



PACE SERIES STANDARD FITTINGS:



Smart Track
Rudder



Comfort cockpit



Adjustable
Backrest



Reflective Deck
Elastic



Footbrace



Curved
Cockpit bulkhead



Split Paddle



Model	Dimensions				Volumes/Hatches						
	length	width	depth	cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes

PACE 18

Paddler 80kg, kayak 22.5kg
Suitable paddler weight

548.6 cm overall 53.5 cm overall 31.5 cm 87 x 49cm
548 cm waterline 48.4 cm waterline
70 - 95 kg

110 ltr 6 ltr n/a 120 ltr 137 ltr 373 ltr
A C - B



Design Features

PACE 18



Hull Shape

shallow 1 - deep 3

Round



Rocker

1 (low) - 5 (high)

1



Kg of cargo

to submerge 1 inch

43.6 kg



Stability

1 (low) - 5 (high)

1.5



Speed

1 (high) - 5 (low)

1.5



Constructions

Average weights



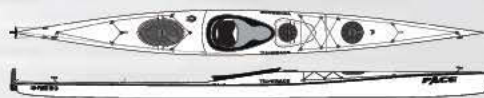
16.75 kg



22.50 kg



T70



T71



T72



PACE

A FRESH LOOK AT EXPEDITION SEA KAYAKING



NEW FOR 2015 Pace Tour-S

PACE 17 TOUR

The Pace Tour takes a fresh look at how a high performance expedition kayak should perform. Retaining our signature Tiderace cockpit design and four hatch layout, the Tiderace Pace Tour has been designed using computer from the keel up. Some key concepts have been taken from the Pace18 and adapted and embodied into the Pace Tour to create a modern expedition kayak. The Pace Tour carries a load more efficiently over a distance than any other Tiderace expedition kayak, it's more stable, has a faster sprint speed to catch and surf waves easily and is more efficient paddling upwind. A narrow hull width forward of the cockpit allows for an effective catch during the paddle stroke and it has a rudder for precise direction control. The new styled deck shape adds storage space, increases overall boat stiffness and water-shedding properties.

PACE SERIES STANDARD FITTINGS:



Smart Track
Rudder



Comfort cockpit



Adjustable
Backrest



Reflective Deck
Elastic



Silva 70P
Compass Recess



Footbrace



Curved
Cockpit bulkhead



Split Paddle



Model	Dimensions				Volumes/Hatches						
	length	width	depth	cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
PACE TOUR Paddler 85kg, kayak 22.75kg Suitable paddler weight	522 cm overall 506 cm waterline 80 - 110 kg	53 cm overall 50 cm waterline	32 cm	87 x 49cm	100 ltr B	6 ltr C	48 ltr D	93 ltr B	158 ltr	405 ltr	 24cm Round 44 x 26cm Oval 15cm Foredeck 20cm Day
PACE TOUR-S Paddler 70kg, kayak 22.75kg Suitable paddler weight	522 cm overall 506 cm waterline 60 - 95 kg	52.5 cm overall 49.5 cm waterline	30 cm	87 x 49cm	94 ltr B	6 ltr C	45 ltr D	90 ltr B	140 ltr	375 ltr	

Design Features



PACE TOUR

V2

2

42.7 kg

3

3

PACE TOUR-S

V2

2

42.7 kg

3

3



Constructions

Average weights

PACE TOUR



26.0 kg



25.0 kg

PACE TOUR-S



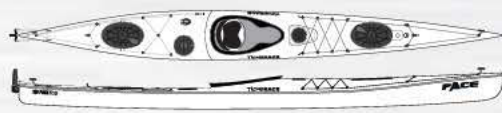
25.5 kg



24.5 kg



T70



T71



T72



PACE

**LIGHT, FUN, FAST
AND CAPABLE!**



When setting out to design the Pace series, Tiderace aimed to create innovative hulls which hit the mark for paddlers of all sizes and abilities. The Pace Evoke brings world class rough water handling and light touring in a compact ruddered format to sit nicely at the professional end of the recreation market. Built for smaller paddlers who want a versatile sea kayak and hate being anywhere but the front of the pack, the Pace Evoke's hull speed rivals most traditional sea kayaks. The compact boat format saves weight and makes full use of the waterline length while the four hatch layout, signature cockpit and expedition quality fittings mean the only thing the Evoke is short on is drag.

PACE SERIES STANDARD FITTINGS.



Smart Track
Rudder



Comfort cockpit



Adjustable
Backrest



Reflective Deck
Elastic



Silva 70P
Compass Recess



Footbrace



Curved
Cockpit bulkhead



Split Paddle



Model	Dimensions				Volumes/Hatches						
	length	width	depth	cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
PACE EVOKE	480 cm overall	54 cm overall	30.5 cm	87 x 49cm	91 ltr	6 ltr	43 ltr	78 ltr	152 ltr	370 ltr	   
Paddler 80kg, kayak 21.5kg	456 cm waterline	52.5 cm waterline			A	C	D	B			
Suitable paddler weight	75 - 95 kg										

Design Features

PACE EVOKE

Hull Shape	Rocker	Kg of cargo	Stability	Speed
shallow 1 - deep 3	1 (low) - 5 (high)	to submerge 1 inch	1 (low) - 5 (high)	1 (high) - 5 (low)
V1	3	32.2 kg	2.5	4.5



Constructions

Average weights



23.50 kg



22.50 kg

	T70
	T71
	T72





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