

TID RACE

THE SPIRIT OF SEA KAYAKING



www.welhonpesa.fi

DEALER
workbook **2013**



www.welhonpesa.fi

INTRODUCTION :

2012 has been a year of both growth and consolidation for Tiderace. Our association with Cobra International, Thailand has given us the ability to further expand both our model range and production capacity to service the increasing demand for our products. We pride ourselves in developing cutting edge sea kayak designs manufactured to the highest quality using the finest and most advanced materials and construction techniques. This places Tiderace sea kayaks at the forefront of global sea kayak production.



- **New Models:**

Pace Tour and Pace Evoke: These latest developments builds on the experience and innovation Tiderace has generated over the years. This fresh interpretation brings a new shape and function to our latest sea kayaks.

Xtra and Xtra HV: Originally designed as a large person's play the sea kayak and now called the Xtra HV. A lower volume model has been created, called the Xtra, in response to unrepresented dealer and customer demand.

Vortex: First cousin to the Xtra, the Vortex is Tiderace's first polyethylene (PE) kayak and set to take "play the sea" to a new level.

- **New Visual Designs – the success continues:**

In 2012, Tiderace introduced a stunning new graphic layout to its top range constructions. This new look has become an outstanding success – this graphic theme continues into 2013.

- **Constructions.**

Further technical advancements have been made to the Tiderace construction methods making our composite kayaks more robust and durable.

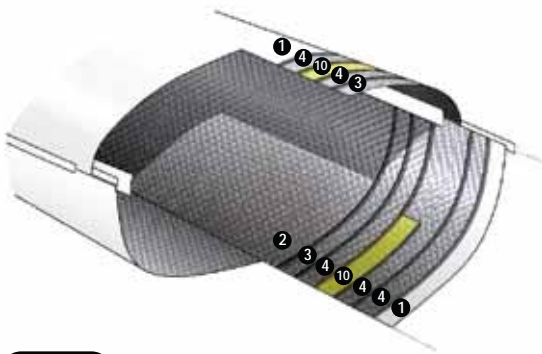


TCT CONSTRUCTION

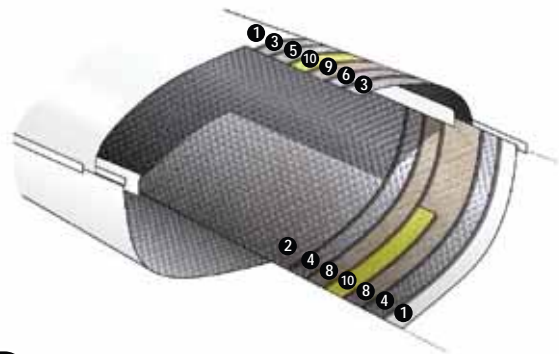
Our kayaks feature Tiderace Core Technology – a multi-layer laminate with an additional resin supported core that's designed to take abuse in rock gardens, big surf and expedition use. Performance laminates that give significantly stronger, stiffer and lighter kayaks, far exceeding the typical industry standard.



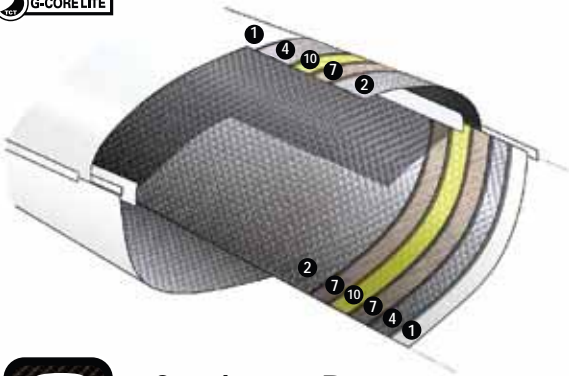
classic
Wet Laminate deck and hull



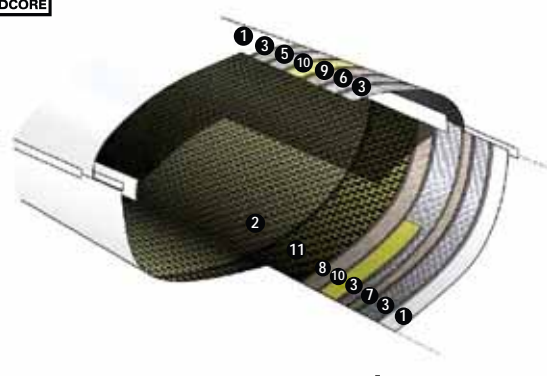
G-CORE
Wet Laminate deck, Vacuum hull



G-CORE LITE
Vacuum deck and hull



hardcore
Vacuum deck and hull



Carbon-Pro
Vacuum deck and hull



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



All constructions use a specially formulated epoxy resin which is stronger and tougher than polyester or vinylester resin.



Epoxy compatible polyester gelcoat for easy field repair.



All constructions are post, heat-cured.



Bonded "biscuit tin" side seam with additional inside and outside tape seams.

XPLORE

A high performance expedition sea kayak for the adventurous paddler. The Xplore is a record breaking expedition kayak. Its generous load carrying capacity and high cruising speed have made it a favourite with adventurers all over the world. Its ability to accelerate quickly to catch a swell, along with its precise edging control make the Xplore an inspiration for the accomplished kayaker.

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XPLORE-S

suitable paddler weight 70 - 90kg



XPLORE-M

suitable paddler weight 75 - 95kg



XPLORE-L

suitable paddler weight 80 - 100kg



XPLORE-X

suitable paddler weight 85 - 110kg



Xplore Series Standard Fittings:



Retractable Skeg



Comfort cockpit



Adjustable Backrest



Reflective Deck Elastic



Silva 70P Compass Recess



Footbrace



Curved Bulkhead







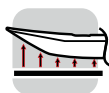
Split Paddle Holders

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XPLORE

Tiderace Touring Series :

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 70 - 90 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



Constructions

Average weights

	XPLORE-S			XPLORE-M			XPLORE-L			XPLORE-X		
												
	25.50 kg	23.50 kg	21.75 kg	26.75 kg	25.0 kg	23.50 kg	27.0 kg	25.0 kg	24.0 kg	28.75 kg	28.50 kg	26.0 kg



T17



T18



T20



T19



T22

COLOURWAYS ● Standard ● Forward Order only

XCAPE

An efficient expedition sea kayak for the discerning paddler. Refinement through and through. The Xcape is renowned for its stability, its predictable control in the wind, its ease of tracking and its slippery and efficient hull shape. Designed to take the hard work out of expeditioning, the Xcape will glide through challenging conditions and while away the miles.

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XCAPE-S

suitable paddler weight 65 - 85 kg



XCAPE

suitable paddler weight 75 - 95 kg



XCAPE-X

suitable paddler weight 85 - 105 kg



Xcape Series Standard Fittings:



Retractable Skeg



Comfort cockpit



Adjustable Backrest



Reflective Deck Elastic



Silva 70P Compass Recess



Footbrace







Curved Bulkhead



Split Paddle Holders

XCAPE

Tiderace Touring Series :

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 65 - 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 Paddler 85kg, kayak 25kg 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

XCAPE-S
XCAPE
XCAPE-X

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)
V3	2	36.7 kg	3	4
V3	2	38.6 kg	3	4
V3	2	40.9 kg	4.5	5

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Constructions
Average weights








Xcape-S	Xcape	Xcape-x
 23.0 kg	 24.0 kg	 25.0 kg




T22

T32

T31

Colorways  Standard  Forward Order only

XCITE

The world's finest rough water, touring sea kayak.

Xcite is a touring sea kayak with high manoeuvrability, stability, comfort and seaworthiness. The boat's composure in rough water is legendary - it give paddlers a feeling of security and invincibility that is rarely found in other designs.



XCITE

suitable paddler weight 75 - 95 kg

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XCITE-S

suitable paddler weight 60 - 80 kg



Xcite Series Standard Fittings:



Retractable Skeg



Comfort cockpit



Adjustable Backrest



Reflective Deck Elastic



Silva 70P Compass Recess



Footbrace



Curved Bulkhead







Split Paddle Holders





Tiderace play at sea : www.welhonpesa.fi

Model	Dimensions				Volumes/Hatches						
	length	width	depth	cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
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	<div><div></div><div></div></div>
Xcite-s Paddler 70kg, kayak 23kg Suitable paddler weight	500 cm overall 432 cm waterline 60 - 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></div><div></div></div>

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)
Xcite	V1	3	37.4 kg	2.5	4.5
Xcite-s	V1	3	34.6 kg	2	4.5



Constructions

Average weights

Xcite			Xcite-s		
25.50 kg	24.0 kg	22.0 kg	23.5 kg	22.0 kg	20.75 kg



T17



T18



T20



T19



T22

Colourways Standard Forward Order only

XTRA

Perfect for surfing, rockhopping and day touring.

The Xtra is a short, nimble and stable sea kayak designed for manoeuvrability through the rock gardens. It incorporates a hard-chined hull mid-section for outstanding surfing ability. This highly controllable boat provides security and fun for those seeking adventures close to shore.

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XTRA

suitable paddler weight 70 - 90 kg

XTRA HV

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 Bulkhead



Split Paddle Holders

Dimensions

Model	length	width	depth	cockpit
xtra Paddler 80kg, kayak 25kg Suitable paddler weight	505 cm overall 435 cm waterline 70 - 90 kg	56.0 cm overall 55.0 cm waterline	30.5 cm	87 x 49cm
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

Volumes/Hatches

Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
70 ltr A	6 ltr C	43 ltr D	69 ltr A	152 ltr	337 ltr	A
75 ltr A	6 ltr C	48 ltr D	75 ltr A	165 ltr	369 ltr	B C D



Design Features

XTRA
XTRA HV

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



Constructions

Average weights



Xtra	Xtra - hv
AX ² G-CORE	CK HARDCORE
25.5 kg	24.0 kg
26.0 kg	25.0 kg
T17	
T18	
T30	

COLOURWAYS ● Standard ● Forward Order only



VORTEX

Tiderace's first roto-moulded polyethylene (PE) kayak.

With features similar to the new Xtra, the Vortex is a short, nimble and stable sea kayak. Designed for "playing the sea" the Vortex is easily manoeuvred through rock gardens and carves up the surf. The generous width of 56.5cm gives the Vortex a high initial and secondary stability - this inspires confidence in less experienced paddlers who wish to improve their skills. Vortex has a high cruising speed for a "play the sea" kayak, easily keeping up with the group on day trips

Thrill seekers will enjoy the Vortex's progressive edging characteristics and revel in its outstanding surfing abilities. Taking off on a wave can be done with pinpoint precision, easily setting up for a screaming diagonal run across the wave face.



VORTEX

suitable paddler weight 70 - 100 kg

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Vortex Series Standard Fittings:



Retractable Skeg



Comfort cockpit



Adjustable Backrest



Reflective Deck Elastic



Silva 70P Compass Recess



Footbrace

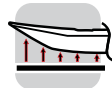


Split Paddle Holders

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	30.5 cm	87 x 49cm	70 ltr A	6 ltr C	43 ltr D	69 ltr A	152 ltr	340 ltr	



* Flat *



Design Features

VORTEX

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

Constructions

Average weights

Vortex



25.0 kg



T36



T38

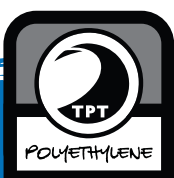


T39



T40

COLOURWAYS ● Standard ● Forward Order only



XTREME

The next generation of playing on the sea.

The Xtreme is designed to open new doors for ambitious paddlers who want to redefine what is possible in a sea kayak in rough water. This design has a performance potential beyond the present norm, limited only by imagination.



XTREME

suitable paddler weight 75 - 95 kg

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Xcape Series Standard Fittings:



Retractable Skeg



Comfort cockpit



Adjustable Backrest



Reflective Deck Elastic



Footbrace



Curved Bulkhead



Split Paddle Holders

Model	Dimensions				Volumes/Hatches						
	length	width	depth	cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
XTREME Paddler 85kg, kayak 26kg Suitable paddler weight	517 cm overall 440 cm waterline	54 cm overall 53.2 cm waterline	30 cm	87 x 49cm	89 ltr A	6 ltr C	46 ltr D	74 ltr A	155 ltr	370 ltr	 A B C D

Design Features

Hull Shape	Rocker	Kg of cargo	Stability	Speed
F1 flat - F2 almost flat	1 (low) - 5 (high)	to submerge 1 inch	1 (low) - 5 (high)	1 (high) - 5 (low)
F1	5	38.1kg	3	5



Constructions

Average weights



T26



T29

XTREME



28.0 kg



27.5 kg



Colourways ● Standard ● Forward Order only



PACE

THE PACE SERIES - A NEW DIRECTION FOR SEA KAYAKING.

We've taken the best features and characteristics from our existing models and combined these with "new thinking" of how the next generation of sea kayaks should look and perform. The Pace Series sea kayaks are aimed at the progressive paddler who's looking to upgrade to the next level.

EVOKE PACE 18

The design brief was simple – take Tiderace's best selling model and add some of the "new thinking" to create the next generation of stable rough water performing kayaks. This latest 'compact boat format' saves weight and makes full use of the waterline length. The computer designed hull is specifically shaped to take advantage of the precise direction control gained by incorporating a rudder. These features allow more power to be directed into forward propulsion in rough water. It retains the signature Tiderace cockpit design and dynamic paddling position within a new styled deck shape which increases overall boat stiffness and water-shedding properties.

PACE 17 TOUR

The Pace Tour takes a fresh look at how a high performance expedition kayak should perform. It retains the signature Tiderace cockpit design and four hatch layout – beyond this everything has been redesigned using computer from the keel up. 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 easier 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 18

Pure science! 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:



SmartTrack
Rudder



Comfort cockpit



Adjustable
Backrest



Reflective Deck
Elastic



Footbrace



Curved
Bulkhead



Split Paddle
Holders

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Tiderace speed at Sea :

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Model	Dimensions				Volumes/Hatches						
	length	width	depth	cockpit	Front	Foredeck	Day	Rear	Cockpit	Total	Hatch Sizes
PACE EVOKE Paddler 80kg, kayak 21.5kg Suitable paddler weight	480 cm overall 456 cm waterline 75 - 95 kg	54 cm overall 52.5 cm waterline	30.5 cm	87 x 49cm	91 ltr A	6 ltr C	43 ltr D	78 ltr B	152 ltr	370 ltr	 24cm Round
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	 44 x 26cm Oval
PACE 18-21 Paddler 80kg, kayak 22.5kg Suitable paddler weight	548.6 cm overall 548 cm waterline 70 - 95 kg	53.5 cm overall 48.4 cm waterline	31.5 cm	87 x 49cm	110 ltr B	6 ltr C	n/a -	120 ltr B	137 ltr	373 ltr	 15cm Foredeck 20cm Day



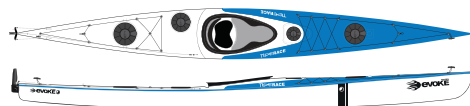
Design Features

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)
V1	3	32.2 kg	2.5	4.5
V2	2	42.7 kg	3	3
Round	1	43.6 kg	1.5	1.5

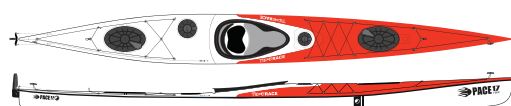


Constructions

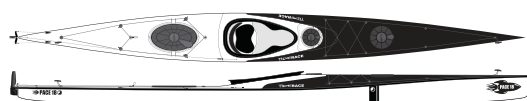
Average weights



T22



T32



T31

Pace EVOKE	Pace TOUR	Pace 18-21
 21.5 kg	 22.75 kg	 22.5 kg

Colourways Standard Forward Order only



TIDERACE
THE SPIRIT OF SEA KAYAKING

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