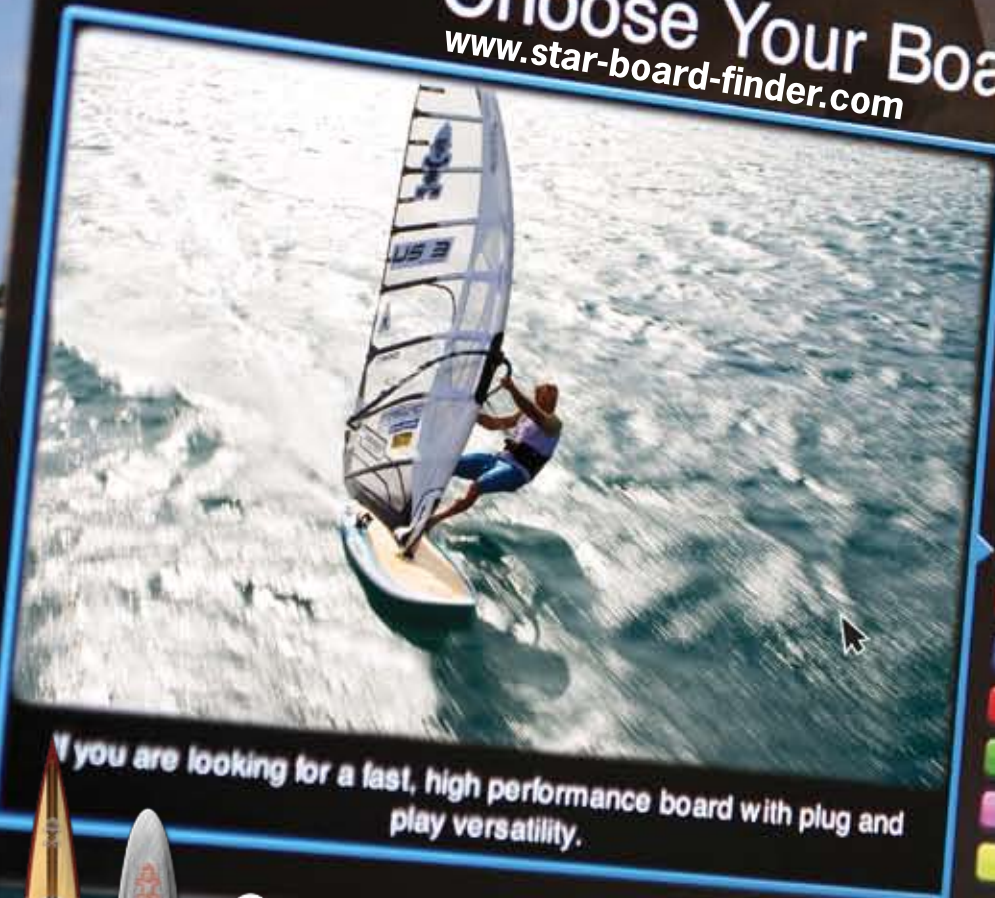




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GEMINI SERENITY PHANTOM SUPER RIO START KODETUSKIN GO FUTURA CARVE ATOM KODE QUAD FLARE ISONIC FORMULA

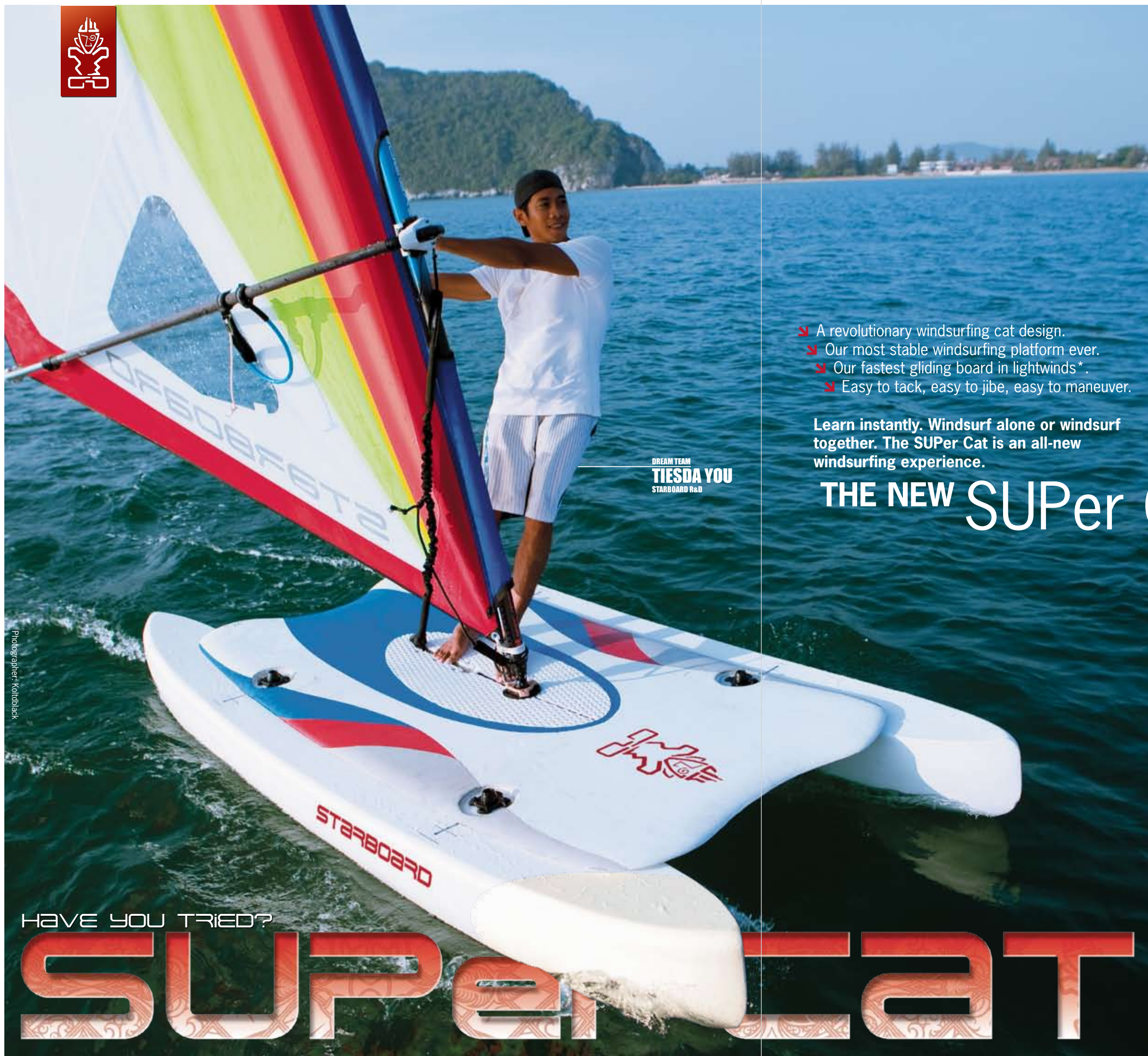


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SPRING SUMMER 2011

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Photographer: Koltback

DREAM TEAM
TIESDA YOU
STARBOARD R&D

- A revolutionary windsurfing cat design.
- Our most stable windsurfing platform ever.
- Our fastest gliding board in lightwinds*.
- Easy to tack, easy to jibe, easy to maneuver.

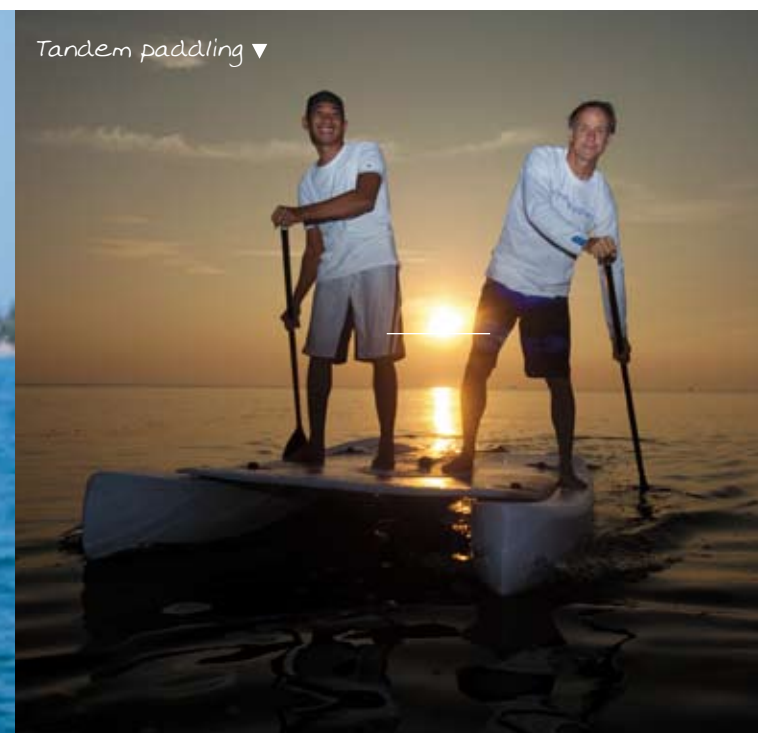
Learn instantly. Windsurf alone or windsurf together. The SUPer Cat is an all-new windsurfing experience.

THE NEW SUPer CAT

HAVE YOU TRIED?

SUPer Cat

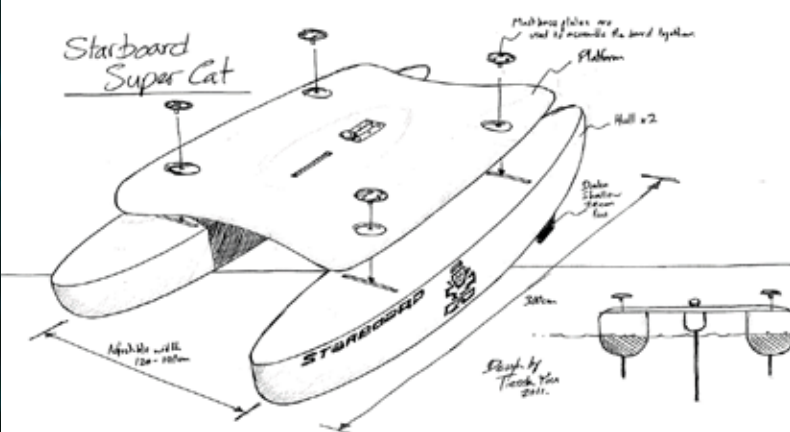
Tandem paddling ▼



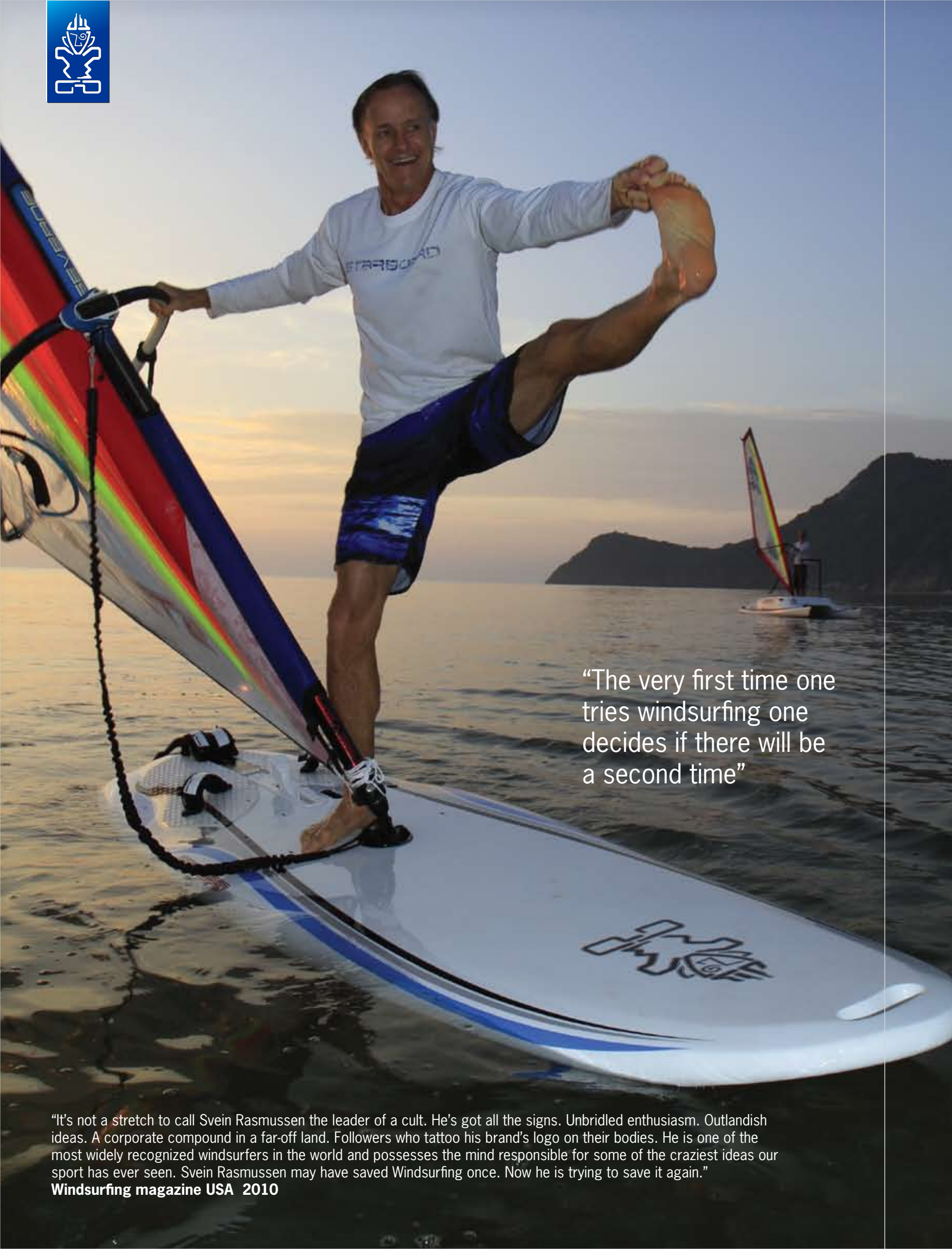
▼ A new way to teach, learn and share windsurfing.



The SUPer Cat splits into three parts.
The width is easily adjusted, from 120-140cm. ▼



Model	Length	Width	Fin	Finbox	Sail range
SUPer Cat	299	120-140	Drake Shallow 22 + Clipperbox Daggerboard 570	2x 10" US Box + Clipperbox	3.0-9.5



“The very first time one tries windsurfing one decides if there will be a second time”

“It’s not a stretch to call Svein Rasmussen the leader of a cult. He’s got all the signs. Unbridled enthusiasm. Outlandish ideas. A corporate compound in a far-off land. Followers who tattoo his brand’s logo on their bodies. He is one of the most widely recognized windsurfers in the world and possesses the mind responsible for some of the craziest ideas our sport has ever seen. Svein Rasmussen may have saved Windsurfing once. Now he is trying to save it again.”

Windsurfing magazine USA 2010

Suddenly I was standing

on a very long, very heavy board, spending 50 minutes uphauling a 5.4 meter rig with a lovely teak boom. It was hard work and the Norwegian water was cold as my 35 kg body did not fit well in my brother-in-law’s 8mm diving suit. But the sensation of gliding along on top of the water, holding the wind in my arms, is still hammered into my mind. I remember the slight forward motion with small bubbles in the wake behind the board, and there I was gliding into the Norwegian summer recognizing that this was the journey of a lifetime.

Over the 43 years of the sport’s evolution we have been involved in 16 of them as windsurfing developers, striving to make better equipment and campaigns for every riding style.

The very first time one tries windsurfing one decides if there will be a second time, thus our crew keeps on developing the best gear for an easy entry into our sport.

The key to our high performance board range is the focus on shapes that are effortless to ride and further combining those shapes with technologies that are forgiving and offer good rebound characteristics for speed and acceleration.

Which of our brand new boards are we most the most happy with for 011?

The all new Rio M and L. They have kept the wonderfully shaped contour deck with comfortable inside standing position. The new lower rocker and longer hull makes it glide effortlessly in light winds and it comes very early onto a plane with hardly any effort. My second choice is the new Go 151, it’s a dream machine, early to plane, a fun stable platform with incredible jibing characteristics. Third choice is easy, the new 8’10” SUPer Wave; get one and you’ll have doubled your days wavesailing and found a new way to enjoy the no-wind wave days.

On the other side of the coin, take the new iSonic’s for a spin, its simply a new adventure in high performance and everyone who have tried one agrees. There has never been so much positive buzz around a race program before and I would like to thank Remi Vila, Tiesda You, Scott McKercher and our workshop crew for keeping the midnight oil burning to deliver that extra performance edge that has made Starboard a World leader in windsurfing for the last 9 years or so.

Thanks for making our journey possible and welcome on board for 2011.

Svein Rasmussen

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Photographers: Kord Black / Dave White

SPRING SUMMER IS HERE!

A new world of lightwind windsurfing - introducing the new SERENITY Mk II, the K15 and the Serenity Cat



Serenity Mk II

The Serenity is the uncompromised lightwind board designed to give the most exciting, lightwind ride in 1-10 knots. The board's round-hull design is inspired by racing kayaks and Division II boards of the 70s and 80s. The Serenity is also about simplicity. This principle created a design with no retractable daggerboard, no adjustable mast tracks or footstraps, thus keeping the board light and easy to use: just jump on, glide and go. In lightwinds, this is our most exciting and fastest board. Available in Sport Tech and Wood Technology.

Model	Length	Width	Fin	Finbox	Sail range
Serenity MkII	460	61.5	Drake Race XL 700 + Drake Shallow 410 + Tail fin 135 Dee	Deep Tuttle + US Box	5.0-10



K15

The K15 is the new round-hull model that is close to the Serenity in concept, with a more stable shape and including a cockpit. This cockpit fulfills three purposes: it makes the board much more stable for windsurfing, it gives room for a passenger to sit aboard, and it makes the board stable for stand-up-paddling. As a SUP, the K15 is ultra-fast and efficient for flat water paddling. Available in Tufskin Technology

Model	Length	Width	Fin	Finbox	Sail range
K15	460	77	Drake Shallow 410 + SUP Fin 260	Deep Tuttle + US Box	5.0-10



Serenity Cat

The Serenity Cat explores how far we can push the concept of sharing windsurfing. We wanted to see how a totally different approach can transform the windsurfing experience. To maximize the ability to share windsurfing, we designed an ultra stable shape that carries multiple passengers. The design is more stable than any other board we have ever conceived. To maximize the fun, we need a board that glides effortlessly and is packed full of features to make cruising social and most enjoyable. From beer can holders, fishing rod holders and water-tight storage compartments to store sun-block lotions, phones and sandwiches, we implemented plenty of neat ideas. On the water, its greatest feeling of all is the effortless and speedy glide. The Serenity Cat, with its twin round hull design, glides beautifully and accelerates in the lightest of breezes. The world's most stable and most social windsurfing board. A new windsurfing experience. Currently an experimental concept.

Model	Length	Width	Fin	Finbox	Sail range
Serenity Cat	460	175	Drake SUP 6 3/4" x2 + Clipperbox Daggerboard 570 x2	US Box x2 + Clipperbox	6.0-9.5



“Wind-powered SUP?
That would be Windsupping then.”

DREAM TEAM
HALVARD FERAGEN
STARBOARD R&D

THE KEY
SUPER

SUPER

THE KEY

The SUPers are Starboard's cross-over boards between windsurfing and stand-up paddling.

The SUPers are the most accessible way for people of all ages to open the door to the wonderful world of wind and water.

Starboard's SUPers are available with or without windsurfing sail packages.

The perfect non-planing family range that brings you into surfing, paddling and windsurfing. All in one.



FOUR SIZES

The SUPer 12'6 – the longest and most slender board known as the Cruiser. It'll glide beautifully whether windsurfing or paddling.

Includes a fully retractable daggerboard.

The SUPer 12 – the most stable board. It's a solid platform for even the heaviest of riders. Great for riding with a paddle or a rig.

Includes a fully retractable daggerboard

The SUPer 10 – the favourite all-rounder. A fabulous paddle board that performs very well in the waves and at the same time doubles as a cool entry-level Windsurfer.

Camo and Blue Touch models includes a retractable daggerboard.

The Slick model includes a Tuttle centre box instead of a retractable daggerboard.

The SUPer 8'8 – the most compact model and the most radical surfer. Ideal for younger sailors.

Available in Slick only and includes sidebiter fins instead of a retractable daggerboard.

THREE CONSTRUCTIONS

Camo Black – tough, epoxy fibre glass construction with a camouflage soft deck finish.

Blue – tough, epoxy fibre glass construction with polished blue rails and a special non-slip deck finish. The lightest option.

Slick – a soft-board construction with a durable smooth bottom skin and double internal wood stringers. The most affordable option. The slick models are also available as pure paddle boards, without windsurfing options.

Availability Chart			
	Camo Black	Blue Touch	Slick
SUPer 12'6	o		
SUPer 12	o	o	
SUPer 10	o	o	o
SUPer 8'8			o

“Open the door to the wonderful world of wind and water”



DREAM TEAM
SCOTT MCKERCHER
STARBOARD WAVE R&D

Model	Volume	Length	Width	Tail width	Fin	Finbox	Sail range
SUPer 8'8 Slick	130	266	76	41.5	2x F5 Soft + 2x F5 Stiff + Tail fin	4x DFS box + US 8"	2.5-6.0
SUPer 10 Slick	191	306	85.5	46.5	Drake Shallow 410 + 2x F5 Stiff + Tail fin	Tuttle + 2x DFS + US 8"	4.0-7.0
SUPer 10 Camo Black	191	306	85.5	46.5	SUPer Daggerboard 570 + SUP 6" 3/4 + 2x M7	Clipperbox + 2x Mini Tuttle + US 8"	4.0-7.0
SUPer 10 Blue	191	306	85.5	46.5	SUPer Daggerboard 570 + SUP 6" 3/4 + 2x M7	Clipperbox + 2x Mini Tuttle + US 8"	4.0-7.0
SUPer 12 Camo Black	205	370	82	42.6	SUPer Daggerboard 570 + SUP 9"	Clipperbox + US 8"	4.5-7.5
SUPer 12 Blue	205	370	82	42.6	SUPer Daggerboard 570 + SUP 9"	US 8"	4.5-7.5
SUPer 12'6" Camo Black	202	380	76.5	40.4	SUPer Daggerboard 570 + SUP 9"	US 8"	4.5-7.5
				40.4			

SUPer WAVE

THE NEW HYBRID

“A lightwind wave-riding shape that has the remarkable ability to generate planing speed *while turning*.”

DREAM TEAM
SCOTT McKERCHER
STARBOARD WAVE R&D

DREAM TEAM
MIKE GALVO
STARBOARD AUSSIE LEGEND

It's a lightwind Wave Windsurfer - This new design blends a planing windsurfing rockerline with a paddleboarding rockerline to create a new hybrid breed: a lightwind wave-riding shape that has the remarkable ability to generate planing speed *while turning*. The smallest of waves and lightest of winds have become something to enjoy like never before.

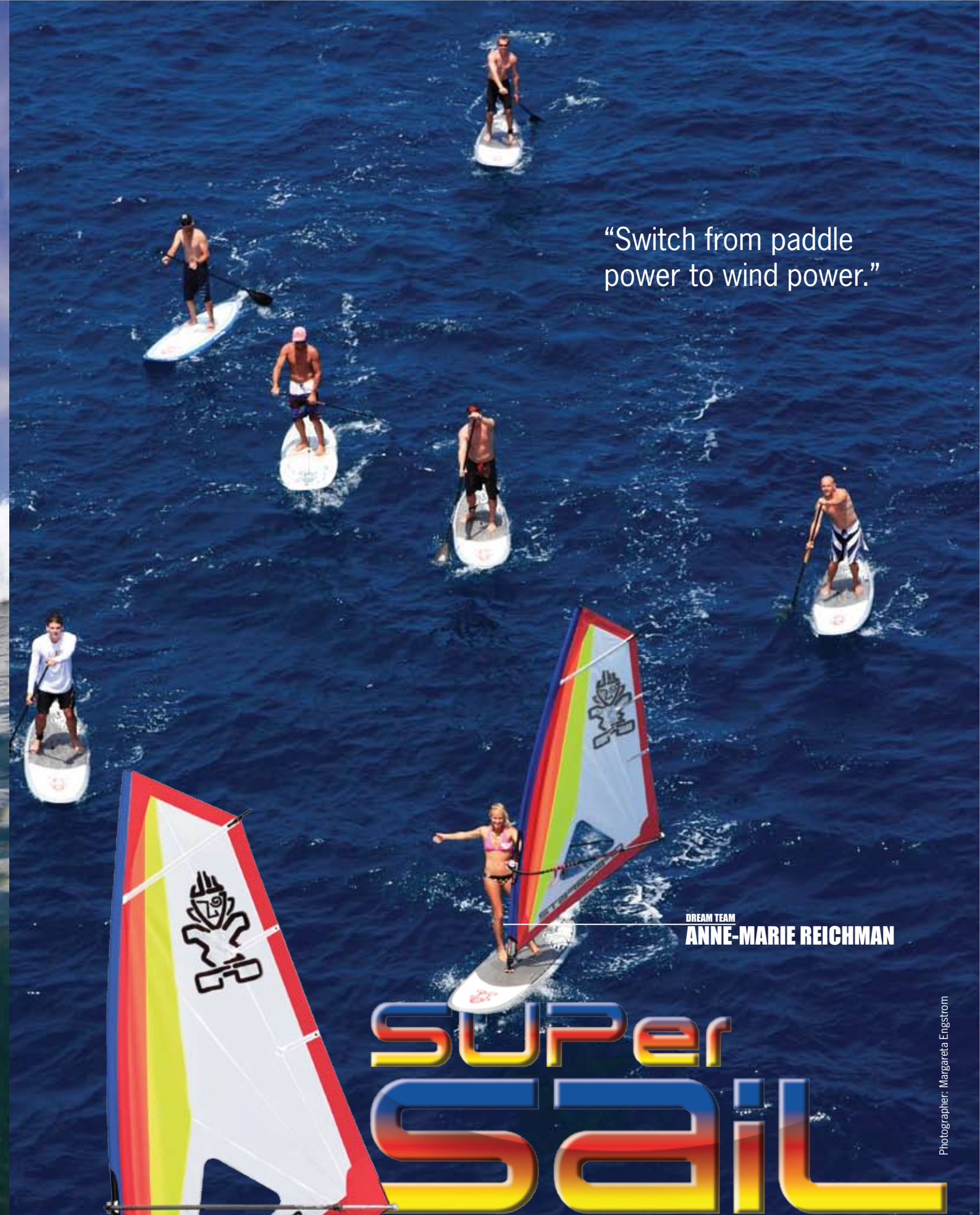
With plenty of volume, lots of width yet within a compact, manoeuvrable shape, wave riding has never been easier. Ride out and catch any wave, any time.

It's a stand-up paddleboard - As a SUP, the board's 31 1/2" width and generous volume makes it user friendly. The compact 8'10"x32" outline maintains a high surfing performance edge. Its unique windsurfing/paddleboarding hybrid rocker and single concave bottom configuration gets the board onto waves incredibly easy and early. In less than perfect waves, it generates unprecedented speed whilst maintaining surprising paddling and surfing manoeuvrability.



When wave riding with a sail, only the front straps are used.
For pure paddle boarding, no straps are needed.

Model	Length	Width	Tail width	Fin	Finbox	Sail range
SUPer Wave 8'10" x 32"	269	80	49.8	Drake Natural Wave 190 + 2x Drake 4.7	US 8" + 2x Surfinsz	5.0-7.0



“Switch from paddle power to wind power.”

DREAM TEAM
ANNE-MARIE REICHMAN



SUPer Sail

Light, powerful, durable – the SUPer Sails are easy to assemble, easy to disassemble and easy to transport with your SUP board. At 1.5kg, the 6.5 is half the weight of a conventional 6.5 sail, making it easy to handle and throw about. They compliment any stand-up paddleboard fitted with a mast track. So anytime a light breeze kicks in, switch from paddle power to wind power. Windpowered SUP? This would be Windsupping then.

Model	Mast	Boom
SUPer Sail 5.5	435cm	182cm
SUPer Sail 6.5	465cm	202cm



DREAM TEAM
BOUJMAA GUILLOUL
WORLD'S HIGHEST JUMPER

➤ These 5 new shapes get planing so much more easily. Fast, fun and exciting. One for all!



FIVE NEW SHAPES

The GO - Starboard's iconic range of progressive freeride boards. They are the original, comfortable, stable and easy all-round designs that keep transforming modern windsurfing.

The GO introduced the concept of extra-wide and super stable freeride shapes. They were the first boards to feature a full soft EVA deck, making windsurfing more comfortable than ever. Their revolutionary wide-style designs gave the GO boards the ability to outperform even the most advanced racing designs at the time. Today, the GO widestyle freeriders continue to live the concept, with five all new shapes. Comfort, ease of use, stability and performance all in one: The GO. One for all.

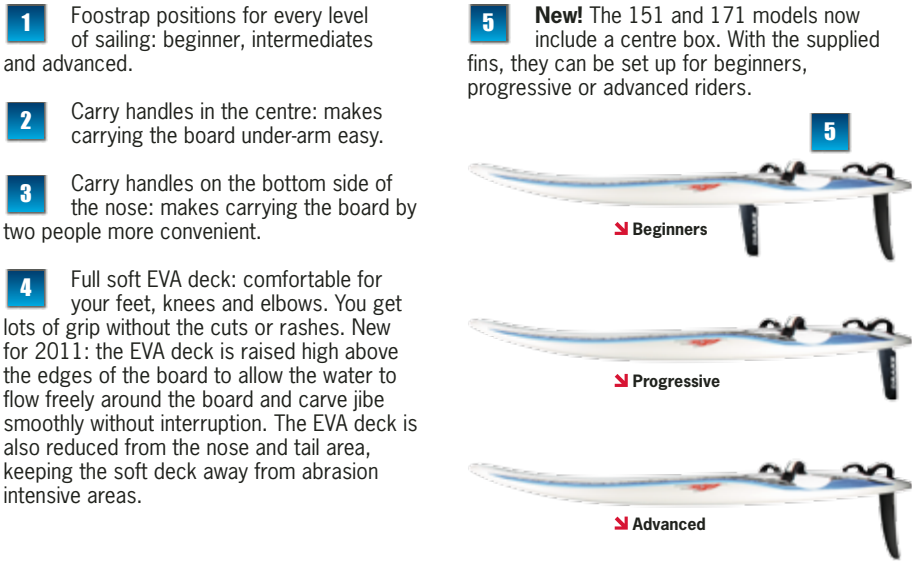
Design
The GO boards are designed around three key principles: make planing easy, make the ride fast and exciting, and make the handling fun and responsive.

The new outlines are longer, with a rocker-line that is stretched out and more slender.

This allows the boards to get planing more smoothly and more gradually as they glide forwards. Maintaining plenty of width, the GOs remain super stable with lots of power in reserve.

Sizes and features
The five sizes available are 121, 131, 141, 151 and 171. All the boards come with a host of neat features that make windsurfing more enjoyable, simpler and more easy.

- 1** Footstrap positions for every level of sailing: beginner, intermediates and advanced.
- 2** Carry handles in the centre: makes carrying the board under-arm easy.
- 3** Carry handles on the bottom side of the nose: makes carrying the board by two people more convenient.
- 4** Full soft EVA deck: comfortable for your feet, knees and elbows. You get lots of grip without the cuts or rashes. New for 2011: the EVA deck is raised high above the edges of the board to allow the water to flow freely around the board and carve jibe smoothly without interruption. The EVA deck is also reduced from the nose and tail area, keeping the soft deck away from abrasion intensive areas.



Model	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
ProKids GO	216	76.3	50.1	Drake Freeride Flow 400 S-FLEX + 2 x Drake Shallow 310 + Plugs	Tuttle	34-44	2.0-7.5
GO 121	251	68	43.8	Drake Freeride Power 400	Tuttle	36-42	5.0-8.0
GO 131	251	71	45.7	Drake Freeride Power 440	Tuttle	28-46	5.5-9.0
GO 141	252	73	47.2	Drake Freeride Power 460	Tuttle	40-48	6.0-9.5
GO 151	254	79.5	51.3	Drake Freeride Power 480 + Drake Shallow 410 + Plugs	Tuttle	42-50	6.5-10
GO 171	271	85.5	54.6	Drake Freeride Power 520 + Drake Shallow 410 + Plugs	Tuttle	46-54	7.0-10

For more advanced riders, this power can be used with larger sails to maximize the board's early planing abilities, drive upwind and reach top speed.

New hard rail edges allow the board to release cleanly from the water as it accelerates, promoting early planing yet further and giving the board a crisp, clean ride with sharp accelerations with every gust of wind. In the turns, the GO's shape makes jibing virtually automatic. They are the easiest boards to learn your carve jibes, perfect your skills and make your first fully-planing jibes on.

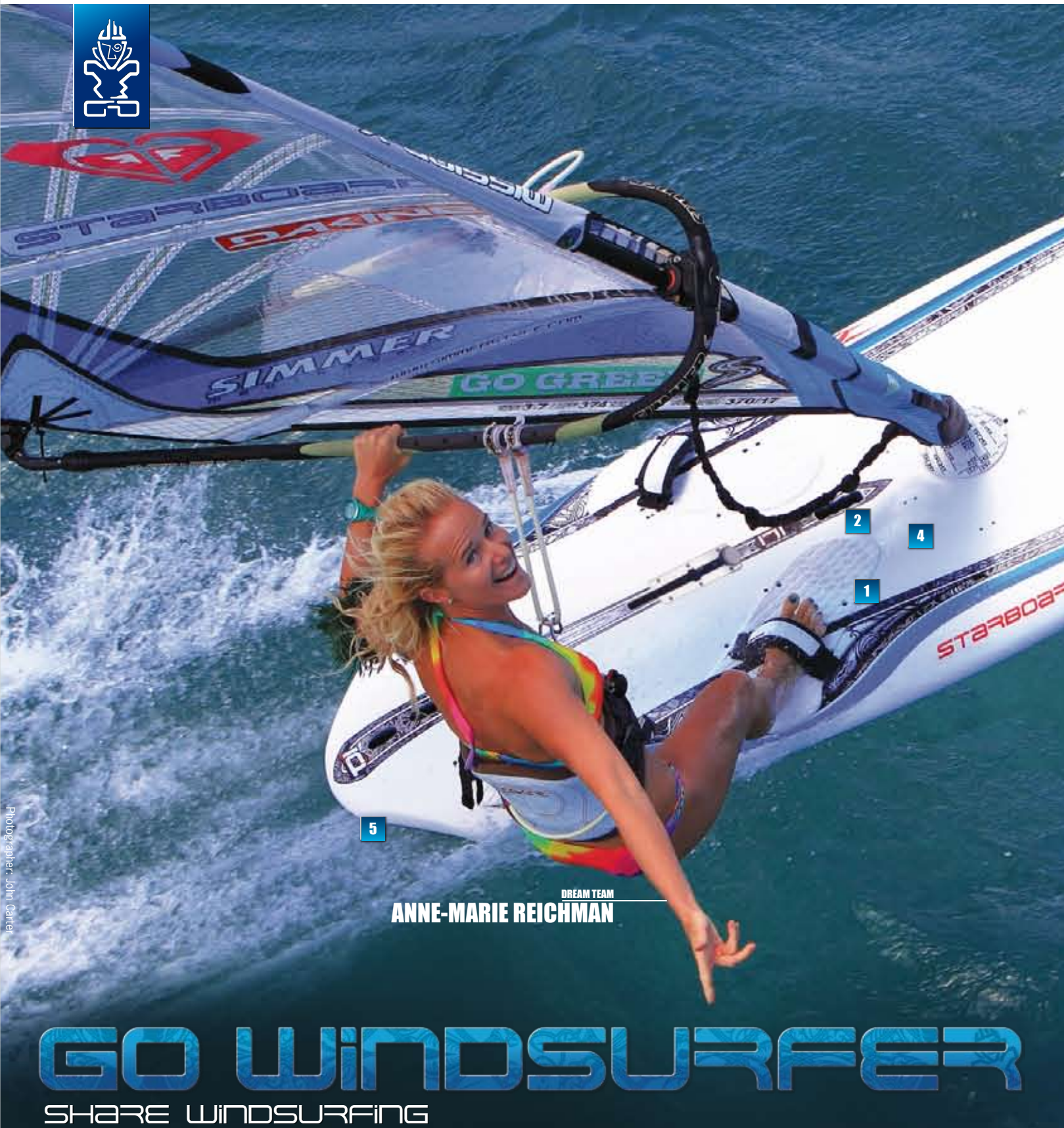
Their width, their narrow, rounded tails and the float designed into the board's rails makes them plane out of a jibe more easily than ever.

Technology: available in Tufskin with a full EVA deck, the GO boards are tough and durable.



DREAM TEAM
IBALLA MORENO
2010 PWA WAVE VICE CHAMPION

The new outlines are longer, with a profile that is stretched out and more slender: plane up earlier and easier.



DREAM TEAM
ANNE-MARIE REICHMAN

GO WINDSURFER

SHARE WINDSURFING

The GO Windsurfer is the natural concept born out of the Starboard Share Windsurfing movement. It is currently the world's most stable freeride board with a daggerboard.

The Go 171 shape is amazingly versatile, fun and stable with plenty of performance for the advanced windsurfer. Fast, exciting to ride and with supremely easy jibing abilities, the GO 171 shape also has plenty of stability, plenty of volume and some extra length to glide along smoothly in light winds.

From these ingredients came a simple idea: add a retractable daggerboard to make the GO Windsurfer the perfect board to crossover between high-wind freeride performance, entry-level windsurfing and summer-time light wind cruises. However the addition of Starboard's Clipperbox system is unlike adding a conventional daggerboard system.

The new Starboard Clipperbox plays two key roles in making the GO Windsurfer concept special:

Firstly, the new Clipperbox system allows the daggerboard to be removed entirely from the board without tools, in a fraction of a second. Secondly, the Clipperbox system has a smart plastic L-plate glued to the inside of the rubber lips. This L-plate system creates a one way system where the water cannot gush through the board in full planing mode.

The GO Windsurfer, with the daggerboard removed, planes and up rides just like a board without a daggerboard box. These key elements combine to make the new GO Windsurfer a magical board to share the joys of windsurfing: an amazingly versatile shape, an easily removable daggerboard and the efficient one-way rubber lips system.

The GO Windsurfer: go windsurfing.

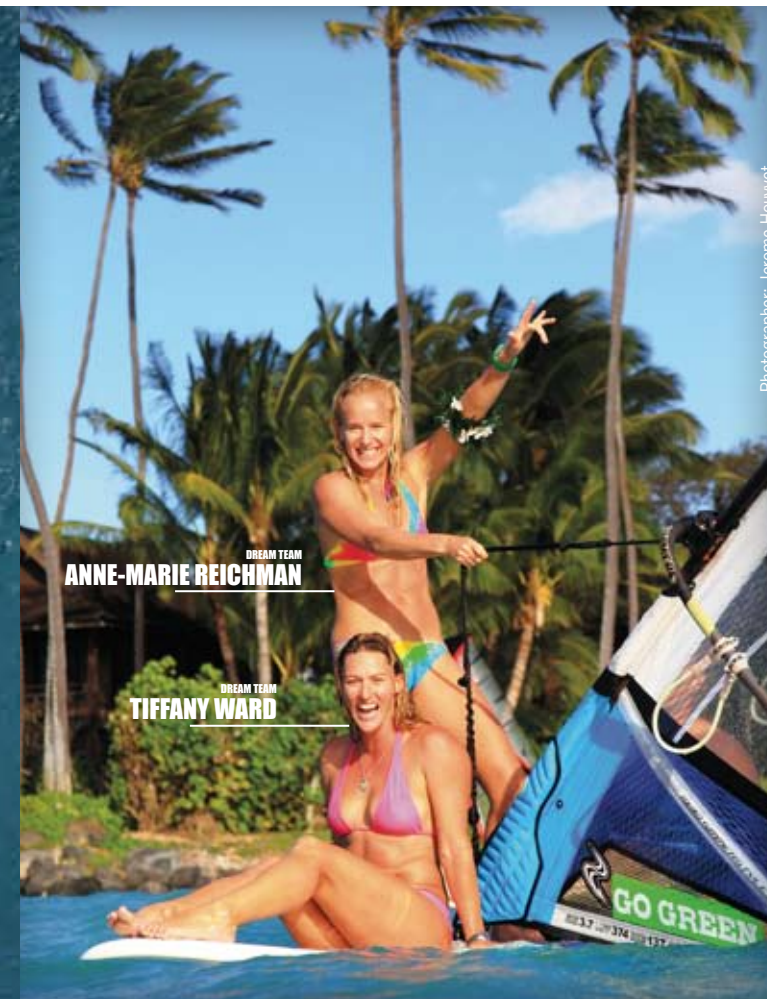
“With its daggerboard, the GO Windsurfer extends its range to include lightwind non-planing days.”

Shape and Fittings

- 1 Footstrap positions for every level of sailing: beginner, intermediates and advanced.
- 2 Carry handle in the centre
- 3 Carry handle under the nose
- 4 Full soft EVA deck: comfortable for your feet, knees and elbows. You get lots of grip without the cuts or rashes.
- 5 The GO Windsurfer comes with two fins – a shallow fin that makes handling easier for beginners, including the first steps in shallower water, and a deeper, high performance fin that unlocks the full performance potential.

Available in Tufskin with a full EVA deck

Model	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
GO Windsurfer	271	85.5	54.6	Drake Freeride Power 520 + Drake Shallow 410 + Clipperbox Daggerboard 570	Tuttle	46-54	7.0-10



DREAM TEAM
ANNE-MARIE REICHMAN

DREAM TEAM
TIFFANY WARD



DREAM TEAM
LIAM DUNKERBECK
STARBOARD PRODUCTIONS





Photographer: John Carter



DREAM TEAM
CONNOR BAXTER

DREAM TEAM
ALICE ARUTKIN
2010 PWA SLALOM 4TH PLACE OVERALL

GEMINI MARK II

THE RETURN OF THE GEMINI

The original Gemini became an incredible hit as it brought with it a totally new social windsurfing experience. Being the first wide-style tandem windsurfer, it transformed the idea of sharing windsurfing.



Deck Contour (Tail rider)

Deck Contour (Front rider)

Fittings:

- 1** Front rider's mast track
- 2** Front rider's footstraps
- 3** Tail rider's mast track
- 4** Tail rider's footstraps
- 5** Forward positioned daggerboard – improved upwind performance
- 6** Tail carry handle
- 7** Front carry handle

With its incredible stability, you could share windsurfing with beginners instantly and take them planing within seconds. Schools wondered at the ability to teach beginners while sailing together with them on the same board. For windsurfing clubs, windsurfing centres and high performance riders, there was no better exhilaration than to share a high speed reach with a friend on the world's easiest tandem platform.

Today, we are pleased to present the all new, totally redesigned Gemini Mk II, another quantum leap over the original Gemini and the by far fastest tandem we have ever designed.

New longer shape

Benefit 1: **the new Gemini Mk II gets planing much easier, much earlier and with less effort thanks to its longer shape.** This longer shape allows the rocker to be stretched out for an ultra long flat profile. The Gemini Mk II planes up easier and rides faster than ever.

Benefit 2: there is more space between the sails. You can tack and jibe **more easily without the two sails interfering with each other.**

New Deck Contour

Benefit: total comfort for both riders. **Enjoy the perfect grip under your feet and feel right at home.** The new Gemini's deck shape is designed to feel and ride just as if you were riding your solo freeride board.

New Daggerboard position:

The new daggerboard is now operated by the front rider. The daggerboard is positioned much more forward in the board, improving the leverage the daggerboard has to track you upwind. The upwind speed and angle of the new Gemini is drastically improved, in either planing or non planing mode.

Technology

The Gemini Mk II is built in the super tough and durable Tufskin Technology. The deck is finished in a non-slip coating. Grooved EVA pads are positioned around the deck where extra grip and comfort are required.

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
Gemini Mark II	384 litres	399	100.5	87.2	Drake R13 Race 700 NR + Daggerboard Allgaier 620	Deep Tuttle	40-70	3.5-11



"With their longer noses, the two new shapes glide beautifully, planing up so smoothly and so easily."

DREAM TEAM
CONNOR BAXTER

THE EASY CHOICE

RISE



Photographer: John Carter



DREAM TEAM
ANNE-MARIE REICHMAN

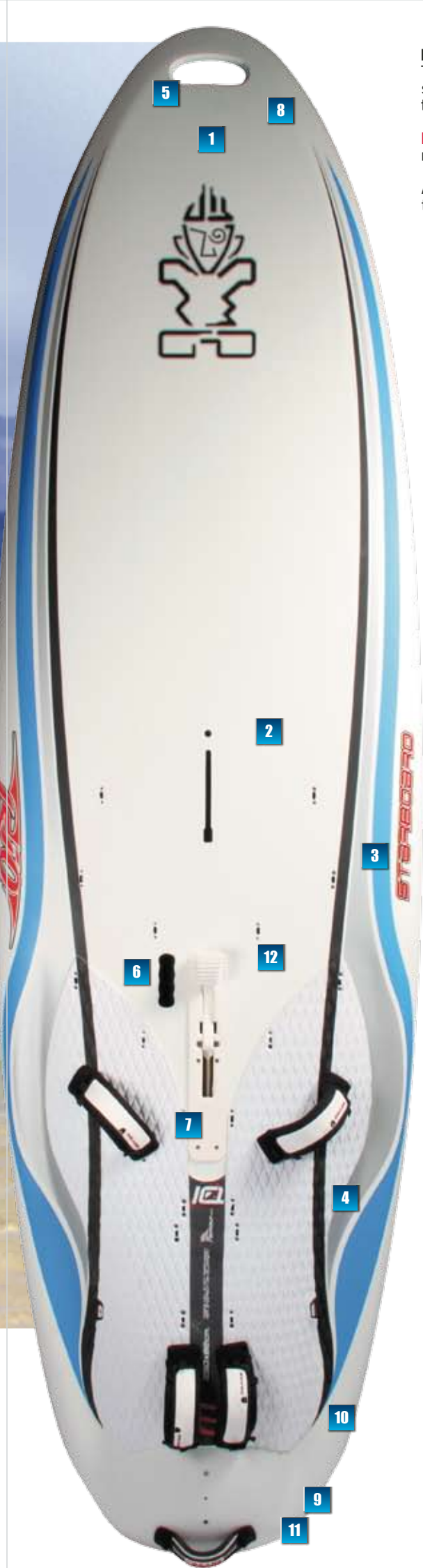
DREAM TEAM
LIAM DUNKERBECK
STARBOARD PROKIDS

RIO

THE EASY CHOICE

Bridging the gap between planing boards and lightwind longboards, blurring the line between stable entry level boards and progressive freeride boards, the Rio S, M and L are the boards that cover the widest scope of users for all-wind conditions: windsurfing for everyone, every time and everywhere.

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
Rio S	180 litres	269	76	56.2	Drake Shallow 310 + Daggerboard Allgaier 620	Deep Tuttle	31-41	2-9.5
Rio M	206 litres	289	81.5	59	Drake Shallow 410 + Daggerboard Allgaier 620	Deep Tuttle	31-41	2-9.5
Rio L	233 litres	300	85.5	67.5	Drake Shallow 410 + Daggerboard Allgaier 620	Deep Tuttle	31-41	2-9.5
Rio XL	266 litres	335	82.5	48.1	Drake Shallow 220 + Daggerboard Allgaier 620	US 8"	22	2-9.5



RIO S, M, L
Their long and wide shapes are fast with a smooth glide in light winds. For advanced riders, the longer, narrower shape combined with the inboard heel-recesses and a strong daggerboard allows the board to power upwind off the leeward rail.

New! The Rio M and L are all-new shapes that are planing earlier and easier. The new shapes are longer in the nose: the boards are stretched out to glide faster and transition into planing mode smoothly and effortlessly.

As the wind speed increases, the Rio S, M and L's extra wide tail provides the early planing, the high speeds and the high performance racing fun that have made it a best seller in the all-wind windsurfing category.

Rio S, M, L

- New! Longer nose with a longer, lower rocker – for more longitudinal stability and more glide (Rio M and L)**
- Full EVA deck (Rio), Star Touch deck finish (Rio Sport and Armor Tech)
- Long, wide outlines with extra volume in the rail midsection for additional stability
- Contour deck makes it easier than ever to get into the footstraps
- Nose carry handle
- Centre carry handle
- Allgaier daggerboard system
- Integrated nose protector (EVA models only)
- Tail cutaways improve speed and acceleration
- Extra-wide tails offer easier and earlier planing
- Side-cuts improve fin drive and release
- Multiple insert positions for entry level/intermediate/advanced riders

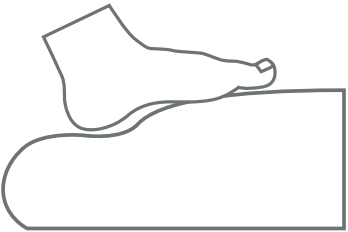
Technology

The Rio S, M and L are available with a soft EVA deck, in Sport Tech or Armor Tech. The Rio XL is available only in Armor Tech.

The soft EVA deck option is the best choice for those who want comfort above everything else. The deck of the board is covered in a soft, grippy and grooved EVA sheet 2 to 6 mm thick. The bottom and rails of the board are reinforced with a thin ASA plastic skin for extra impact and scratch resistance.

The Sport is the lighter, high performance version of the Rio. In the Sport model, the EVA deck is replaced with a non-slip finish. To save further weight, the thin ASA skin has been removed, replaced by a strong epoxy gel coat finish.

The Armour Tech model is the extra strong model. Perfect for school and clubs, the Armour Tech's double thickness, double layered construction makes the board extra beefy for extra durability. The deck, bottom and rails of the board are reinforced with a thin ASA plastic skin for extra impact and scratch resistance.



Starboard's Contour deck shape: the specially designed heel gutters makes it easier than ever to get into the footstraps

Rio XL

The Rio XL is our longer addition to the Rio range, offering the most most glide due to its length, most light-wind speed and most longitudinal stability. It has good sideways stability for beginners due to its 82.5cm width and boxy rails, but not as much as the Start M and L.

This makes Rio XL the ideal choice for schools that base their methods on classic gliding speed from the start. First-time windsurfers get gliding right away, and at the same time they'll get hooked to the sensation. This is not a board for planing, but a dedicated entry level board.



Rio XL

- Nose hole allows the board to be towed or safely locked
- Armour Tech construction: lighter and stronger than polypropylene blow-moulded plastic boards
- Extra-long shape offers maximum light-wind speed and glide for beginners
- All-white finish makes the Rio XL easy to repair and maintain.
- Moderate width offers sufficient lateral stability for beginners
- Allgaier daggerboard system
- Shallow 22cm tail fin to help keep the board tracking straight yet easy to maneuver



DREAM TEAM
ANNE-MARIE REICHMAN

DREAM TEAM
TIFFANY WARD

START WINDSURFING

START

START

START WINDSURFING

Feature-packed with smart ideas and offering the most advanced shape in the entry-level segment, the Starts make learning to windsurf and planing in the straps easier than ever.

The original Start from 1999 was the board that changed windsurfing from a difficult sport to learn into a sport that you could learn in just 60 minutes. Many of its features continue in today's Start:

- Super wide shape: therefore ultra-stable.
- Full EVA deck: makes the Start comfortable and fun to ride on.
- Convenient carry handles
- Beginner footstrap positions

Other features are new, with each new generation of Start boards over the last decade bringing in new ideas and evolving the concept to continue to make windsurfing easier and easier.

Ultra-stable but also fun

- More glide thanks to longer shapes with a low, slender rocker that makes getting on to the plane smooth and easy.
- Early planing: the extra-wide tail of the new Starts allows them to plane early and easily. The quicker you get planing, the quicker you get hooked.

The Start's special features

➤ **Contour deck:** Normally, a deck is mostly curved towards the outside edges. This means that the strap positions need to be out on the edges to be comfortable, but then getting into the footstraps is very difficult. If the straps are positioned closer to the board's centre line, the deck will be flat and uncomfortable. With Starboard's Contour Deck, specially shaped recesses make the deck comfortable when the straps are positioned inboard. This makes it easy and natural but also comfortable to use the more advanced footstrap positions.

➤ **Extra thick rail** section in the middle of the board: adds extra stability. The deck is totally flat in the area where entry level sailors will walk around the first hours onboard.

➤ **Colour coded deck:** different colours on the deck indicate both ideal foot positions and sail positions: for uphauling, for medium-power-zone and for more-power-zone. Makes learning and teaching much simpler.

➤ **Integrated nose protector:** to protect the board from mast impacts.

➤ **Allgaier daggerboard:** the new Starts now come fitted with the classic All Gaier daggerboard system. The All Gaier system is a guarantee of reliability and convenience. Extremely easy and smooth to operate, it can last for decades without the need for any special maintenance.

Technology

The Starts are built in super durable Tufskin Technology with an ASA plastic skin wrapping the board for extra impact and scratch resistance. For maximum comfort and safety, the decks of the boards are covered in a soft, grippy and grooved EVA sheet 2 to 6mm thick.

- 1

New! Allgaier daggerboard system
- 2

Longer nose with a longer, lower rocker – for more longitudinal stability and more glide
- 3

Colour Coded, soft EVA deck
- 4

Extra-wide outlines with extra volume in the rail mid-section for additional stability
- 5

EVA-Tufskin construction
- 6

Specially designed deck contours make it easier than ever to sail in the footstraps
- 7

Nose carry handle for convenience
- 8

Centre carry handle
- 9

Multiple insert positions offer tuning options for entry level/intermediate/advanced riders
- 10

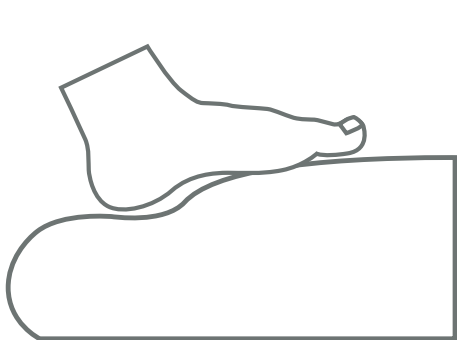
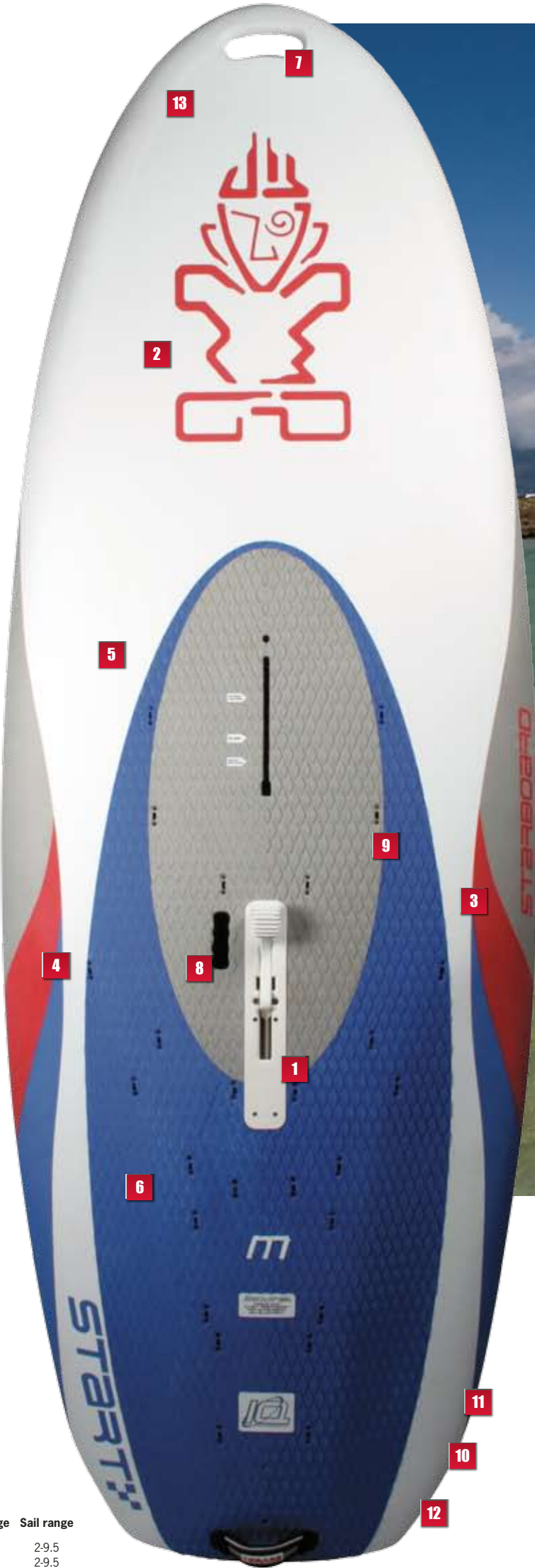
Side-cuts improve fin drive and release
- 11

Extra-wide tails offer easier and earlier planing
- 12

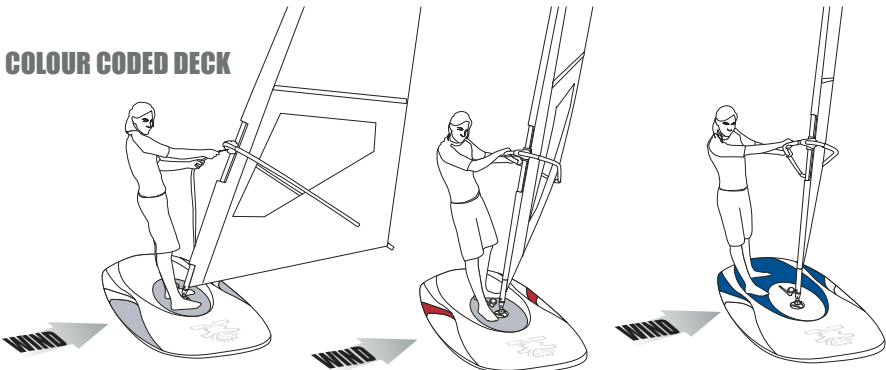
Tail cutaways improve speed and acceleration
- 13

Integrated nose protector

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
Start M	223	275	94	74.2	Drake Shallow 410 + Daggerboard Allgaier 620	Deep Tuttle	31-70	2-9.5
Start L	234	275	100.5	80.8	Drake Shallow 410 + Daggerboard Allgaier 620	Deep Tuttle	31-70	2-9.5



Starboard's Contour deck shape: the specially designed heel gutters makes it easier than ever to get into the footstraps



UPHAULING

Feet: grey zone
Sail: grey zone

MOVING FORWARDS (LIGHT WINDS)

Feet: grey zone
Sail: red zone

MOVING FORWARDS (MEDIUM WINDS)

Feet: blue zone
Sail: blue zone

KODE TUFskin

DUAL CONCEPT

The Kode Tufskins are two boards in one: exciting, maneuverable freeriders for adults on one hand and stable, compact entry level boards for kids on the other hand. Perfect for sharing windsurfing with Mum, Dad and the kids.

What makes the Kode Tufskins unique is first of all their shape. They are very compact: short and wide. This makes them very stable and maneuverable for kids to learn and progress with. For adults, this compact shape makes the board maneuverable, fast and fun. Secondly, the Kode Tufskins are loaded with features and parts that allow the board to fully adapt to its dual purpose. Available in three sizes, 113, 123, 137, there is a perfect Kode Tufskin to match any and every windsurfing family's needs.

113: the smallest board in the family and an all new shape. The 113 now has some extra volume in the rails in the tail section, improving float through a jibe to make jibing easier. The deck was also thinned down to improve handling and reduce roll at low speeds: it's more stable.

123: the middle size. Like the 113, the shape is new with more volume in the rails in the tail and a thinner deck: for easier jibing and more stability.

137: the largest model and the most stable Kode Tufskin. Great for using larger sails, easier summer time cruising and maximum stability for the kids to learn on.

Technology
The Kode Tufskins are built in tough and durable Tufskin Technology. The deck is covered in a soft EVA deck for maximum comfort and safety.



Fittings:

- 1 They are supplied with three fins and are fitted with two fin boxes. This allows them to be fitted with a beginner's fin setup, an intermediate's fin setup, or an advanced rider's fin setup.
- 2 The footstrap position can be fitted to match a beginner's needs, an intermediate rider's or and advanced rider's.
- 3 The Kode Tufskins feature a full soft EVA deck for maximum comfort
- 4 A centre carry handle is fitted in the centre to make handling the board on land easy.



DREAM TEAM
PHILIP KOSTER
2010 PWA WAVE THIRD OVERALL

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
Kode Tufskin 113	113	237	68	44.7	Drake Freeride Glide 380 + 2 x Drake Shallow 310	Tuttle	26-40	2.0-8.5
Kode Tufskin 123	123	236	72	47.1	Drake Freeride Glide 400 + 2 x Drake Shallow 310	Tuttle	28-42	2.0-9.0
Kode Tufskin 137	137	246	74.5	47.3	Drake Freeride Glide 420 + 2 x Drake Shallow 310	Tuttle	30-44	2.0-9.5



Starboard's new UltraSonic blends incredible early-planing performance with comfort, ease and accessibility. Enjoy magical speeds in the lightest of winds.

Visit the UltraSonic page on our website to watch a video of the UltraSonic overtaking the Formula in lightwinds, with not a white cap in sight. Riders: Steve Allen and Wojtek Brozowski.

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
Ultra iSonic 147	147	240	93.2	65.3	Drake R132 Race 580 NR	Deep Tuttle	50-62	8.0-11



DREAM TEAM
KEVIN PRITCHARD
PISTOL RIVER 2010 CHAMPION



Photographer: John Carter

ULTRASONIC

ULTRA EFFICIENT, ULTRA EASY, ULTRA COMFORTABLE

Design

- 1 The UltraSonic design starts from the iSonic base and adds some extra width and loses more thickness. It sits outside the PWA width limit, but nevermind that if you're not in a PWA race.
- 2 The nose of the UltraSonic is then lengthened to make the board more accessible. Tacking, jibing and getting up on to the plane are easier, smoother and more accessible.
- 3 The rail shapes under the footstraps are more comfortable and less boxy than the iSonics. This makes the board more comfortable, the straps are easier to get into and there is less burning-power in your back-thigh when fully powered.
- 4 Like the iSonics, some key new design features make the UltraSonic the most advanced design to date: Harder rail edges in the tail increases top speed, enables quicker acceleration in gusts, improves earlier planing and improves the board's ability to maintain top speed in lulls.
- 5 Very Deep Deck Concave maximizes control by having the pivot point between sail and board kept low. The centre of gravity of the board is also lowered further to minimize undesired swing weight. The very deep deck concave also break the aerodynamic suction effect that often lifts the nose out of control in high winds.

Last but not least, the gap between the sail and deck is eliminated and the mast track can be moved back to improve top end speed without compromising control

Note the very deep deck concave requires the boom to be set about 2cm higher than your normal setting.

Technology

The UltraSonic is available in Wood Technology and Carbon Technology. Wood offers the best ratio between light weight, comfort, control and stiffness. Carbon Technology is Starboard's lightest and stiffest option, with the highest levels of bottom-end acceleration and the sharpest sensations. For more details on the constructions, see the Technology page.

atom

MEET THE ATOM
With the widest wind range in the world

ULTRASLIM

Presenting the world's thinnest freeride windsurf board with just 99 litres for 68.5cm of width: the Atom. Starboard's breakthrough ultra-slim design gives the Atom the widest possible wind range and an appeal to a widest range of freeriders.

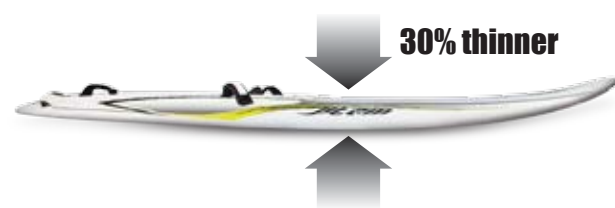
➤ **In light winds**, discover the unique combination of power from a 9m sail channeling into a platform of just 99 litres. The wide body and wide tail gives power and leverage to handle larger sails and deeper fins. The Atom in light winds: incredible efficiency to maximize freeriding performance with bigger sails.

➤ **In highwinds**, the board's small size of 99 litres keeps the board controlled and balanced. The ultra-slim profile makes for an ultra-low centre of gravity that keeps the Atom under control in heavy, choppy, windy conditions. Fit a smaller fin in, and increase the level of control yet another notch. With a wide tail that leverages of the smaller fin, the rider will control power easily and maintain control over chop.

➤ **For intermediate riders**, the Atom is also the easiest and most stable 99 litre board ever. Progressing into more windy conditions and looking for a stable, comfortable and exciting board with plenty of performance? Look no further than the Atom.

➤ **For advanced riders**, the Atom has incredible maneuvering abilities, jibing and carving like no other board: with its ultra slim design, it carves on a dime like its other super slim cousins of the snowboard/surfboard/wakeboard variety. As a board to carry larger sails in lightwinds, no other board offers as much fun, excitement and maneuverability. If big volume freeride boards make you feel like you're riding a truck, the Atom's ultra-slim 99 litre design makes you feel like you're driving a sports coupe.

Feel the difference, meet the Atom.



1 New Powerbox finbox: to maximize the fin range of the board, the Atom is Starboard's first board available with the Powerbox fin fitting: conveniently tune your Atom with aftermarket fins from 26cm to 40cm.

2 Large dual layer monopad: the Atom's joker is its ability to bring you the strapless freeriding experience. Ride strapless and discover a new world of freeriding freedom: carve jibe toe-side or heel-side, spin 360s and ride with a renewed sense of freedom – strapless riding is in any board sport most liberating.

Technology

The Atom is available in Wood and WoodCarbon.

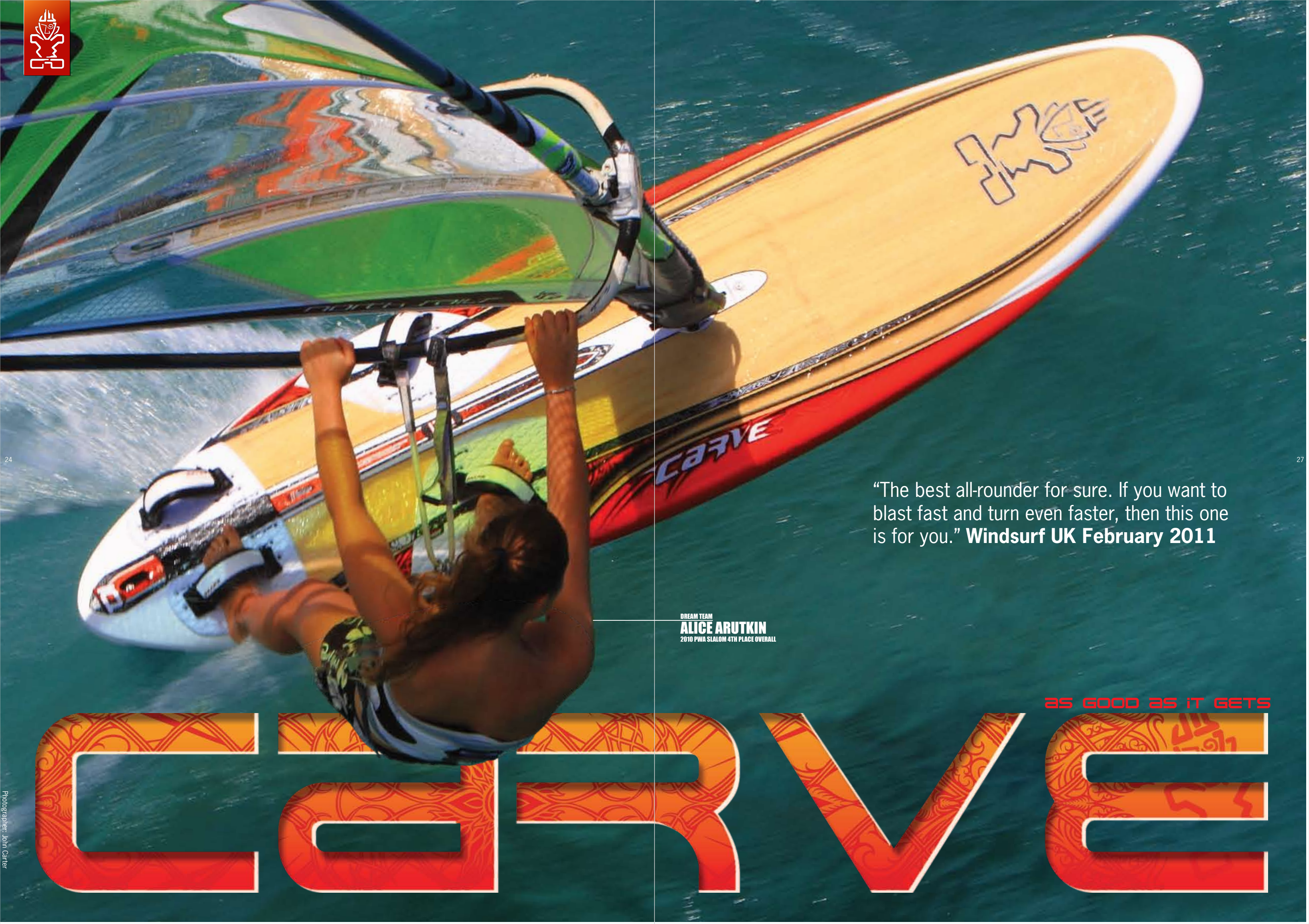
Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
Atom 99	99	238	68.5	43.9	Drake Freeride Glide 360	Power Box	26-40	4.8-8.5



DREAM TEAM
BOUJMAA GUILLOUL
WORLD'S HIGHEST JUMPER

“The Atom's ultra-slim 99 litre design makes you feel like you're driving a sports coupe.”

Photographer: Joim Carter

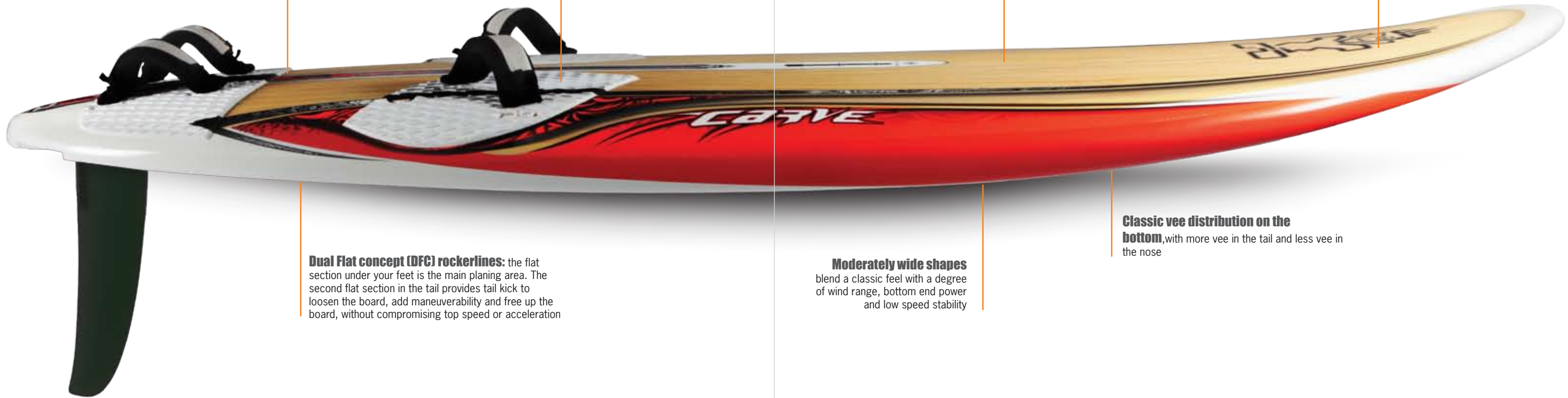


“The best all-rounder for sure. If you want to blast fast and turn even faster, then this one is for you.” **Windsurf UK February 2011**

DREAM TEAM
ALICE ARUTKIN
2010 PWA SLALOM 4TH PLACE OVERALL

AS GOOD AS IT GETS

CARVE



Decks are heavily domed to provide full comfort in all strap positions: inboard or outboard

Multiple insert positions offer tuning options for intermediate/advanced/expert riders

NEW! ProTECT – UV protective film: more durability and a longer lasting wood finish (Wood Models)

An even volume distribution and a longer nose length offers more longitudinal stability

Dual Flat concept (DFC) rockerlines: the flat section under your feet is the main planing area. The second flat section in the tail provides tail kick to loosen the board, add maneuverability and free up the board, without compromising top speed or acceleration

Moderately wide shapes blend a classic feel with a degree of wind range, bottom end power and low speed stability

Classic vee distribution on the bottom, with more vee in the tail and less vee in the nose

CARVE

AS GOOD AS IT GETS

The new Carves. The classic freeriders are back, with their famous blend of easy, exciting and balanced performance. New for Spring Summer: three new additional sizes in the 111, 151 and 171.

The Carves are about fast, easy jibes and exhilarating rides. They offer a more classic, accessible feel with a quick, easy carving response and that special magic-touch ride that has made their fame.

Design

A generous deck dome offers plenty of ergonomic comfort - whether inboard or outboard strap settings are used. These strap settings are positioned to mix performance, comfort and accessibility.

The shapes' classic vee distribution, with more vee in the tail and less in the front, their even volume distribution and added nose length, all contribute to the Carve riding feel with extra longitudinal balance at lower speeds.

DFC (Dual Flat Concept) rockerline offer straight line speed with a lively and exciting ride. The new Carve tail design also packs some extra volume to add jibing forgiveness: it

helps the rider float out of the maneuver without sinking too fast.

New sizes! 111, 151 and 171. *"The 151 and 171 are two superb freeride shapes that are amazingly fun and easy to ride, with lots of performance and excitement. Personally, I had more fun riding the Carve 171 than smaller boards in the 120 litre range, in 7.0 conditions. Planing jibes never came as easy, the boards just cruise through chop and their own momentum just lets the boards plane through.. I never thought my favourite board in the entire Starboard range would be so big; these new shapes are truly magical."* Tiesda You, Starboard R&D.

Availability

Six sizes are available, in three technologies: 111, 121, 131, 141, 151, 171 litres; Wood, Technora and Tufskin.

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
Carve 111	111	245	66	42.8	Drake Freeride Power 380	Tuttle	34-40	5.0-7.5
Carve 121	121	251	68	43.8	Drake Freeride Power 400	Tuttle	36-42	5.0-8.0
Carve 131	131	251	71	45.7	Drake Freeride Power 440	Tuttle	38-46	5.5-9.0
Carve 141	141	252	73	47.2	Drake Freeride Power 460	Tuttle	40-48	6.0-9.5
Carve 151	151	254	79.5	51.3	Drake Freeride Power 480	Tuttle	42-50	6.5-10
Carve 171	171	271	85.5	54.6	Drake Freeride Power 520	Tuttle	46-54	7.0-10

New Freeride Power fin: relatively thick and stiff, the Freeride Power is very powerful and allows the rider to drive off the fin to accelerate. The fin planes up effortlessly and keeps its power in the lulls. The reduced flex also translates into more control in rough water conditions or high winds, as the fin will help maintain the board flat





"A double whammy of explosive acceleration and early planing.
What a pleasure to ride. Its rivals had better be scared be-
cause this is one very complete board, and as a bonus, with a
higher fun factor than them. A reference."
Planchemag France, March 2010



DREAM TEAM
KEVIN PRITCHARD
PISTOL RIVER 2010 CHAMPION

IMPOSSIBLE ENGINEERING

FUTURE



Introducing six all-new Futuras: advanced freeriders with maximum wind range, early planing power and the highest top-end speed. Flip the coin and the Futuras are also the most stable boards thanks to their extra width and remain accessible to improving riders thanks to their inboard strap positions and comfortable deck domes.

A high performance racing machine on one side, and an easy stable board on the other – impossible?

“Stable at low speeds, the Futura 122 has a double whammy of explosive acceleration and early planing. What a pleasure to ride high on the water with just the tip of the tail and the fin in the water. We really have minimal friction and you can go super fast without having the legs of a skier. Its rivals had better be scared because this is one very complete board, and as a bonus, with a higher fun factor than them. A reference.” Planchemag Feb-Mar 2010

“A great freeride board with performance that can hold its own on the race course, in the right hands. It is fast, user friendly, manoeuvrable and exciting, what more can you ask for?” Windsurf magazine April 2010

New - Very Deep Deck Concaves:
more control, lower CG,
improved aerodynamics

Extra slim shapes: for a lower centre of gravity, more control, more responsiveness and a wider wind range

Futuras are wide (= extra stable) and thin (=controlled and responsive). Compared to classic freeriders, the Futuras are around 15% thinner

Decks are designed to provide full comfort in all strap positions: inboard or outboard
Multiple insert positions offer tuning options for intermediate/advanced/expert riders.

➤ Futura Feature 1: the Futuras are designed to have the same width-to-volume ratio as modern wide-style slalom boards. This means that they are wide (= extra stable) and thin (= controlled and responsive). Compared to classic freeriders, the Futuras are around 15% thinner.

➤ Futura Feature 2: big deck domes. This means that the deck shape is comfortable for all footstrap positions, whether you're using the powerful outboard settings or the more accessible inside strap settings.

➤ Futura Feature 3: super wide wind range. Because the boards are wide and thin, the board can be paired with extra big sails and extra big fins: maximum bottom end performance. At the same time, the low volume and thin profile also makes the board work with smaller sails and smaller fins. The result: a wind range classic freeriders can't compete with.

➤ Futura Feature 4: carve jibe response. Extra thin also means a very quick and responsive carve jibe. The Futuras turn fast, powerful and with an incisive bite. Looking to improve your jibes? Not a problem: the Futuras extra low speed stability means that it's easy to finish off a jibe, whether you plane out or not.

➤ Futura Feature 5: a wide sweet spot. Classic freeriders tend to need to be perfectly powered up with a perfectly sized sail. The Futuras have a wider sweet spot: if you ride slightly underpowered or overpowered, using a smaller sail or a larger sail or windsurfing in a patchy wind area, the Futuras deliver peak performance.

New for 2011

Developed in parallel with the 2011 iSonics, the new Futura 4G benefitted from the same upgrades:

Harder rail edges in the tail - with harder rails, the board releases from the water cleaner and quicker: this increases top speed, enables quicker acceleration in gusts, improves earlier planing and improves the board's ability to maintain top speed in lulls. By reducing the tuck-under edge angle, the planing surface became wider and shorter than previously (higher aspect ratio planing surface): this improves bottom-end efficiency. With a harder release edge, the Futuras also gain more jibing power: the rails have the ability to store more energy as the racer enters a jibe that, a fraction of a second later, releases into more exit-speed.

Very Deep Deck Concaves - by using very deep deck concaves, the level of control is maximized. The pivot point between sail and board is kept as low as possible. The centre of gravity of the board is also lowered further to minimize undesired swing weight. These very deep deck concaves also break the aerodynamic suction effect that often lifts the nose out of control in high winds. Last but not least, the gap between the sail and deck is eliminated and the mast track can be moved back to improve top end speed without compromising control. Note the very deep deck concaves require the boom to be set about 2cm higher than your normal setting.

New Harder Rail Edges in the tail for improved acceleration and higher top speeds.

iSonic rockerlines and thick- nesses give the Futuras their freeslalom performance and it speed across a wide sweet spot

New Drake Venom fins designed by C3. Amazing glide, unlimited acceleration, easier jibing.

New fins
The new C3-designed Venom series come as standard with the Futuras. With their unique extra-rake-angle designs, they glide like no other and generate the sensation of unlimited speed with improved jibing performance.

Technology
Futuras are available in Wood Technology, WoodCarbon and Technora.



Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
Futura 93	93	238	61.5	40.4	Drake C3 Venom 36	Tuttle	28-38	4.0-7.0
Futura 101	101	240	65.5	42.8	Drake C3 Venom 38	Tuttle	30-40	4.5-7.5
Futura 111	111	240	68	43	Drake C3 Venom 40	Tuttle	32-42	5.0-8.0
Futura 122	122	245	72	46.5	Drake C3 Venom 42	Tuttle	34-44	5.5-9.0
Futura 133	133	248	76.5	48.9	Drake C3 Venom 48	Tuttle	40-50	6.0-9.5
Futura 141	141	246	80	49.9	Drake C3 Venom 50	Tuttle	42-52	6.5-10



"A superb combination of excitement,
control and above all performance.
Highly recommended."
Windsurf UK, May 2010

DREAM TEAM
BJORN DUNKERBECK
2010 PWA SLALOM VICE-CHAMPION
12X PWA OVERALL CHAMPION

SIX UPGRADES

ISIRI



Photographer: John Carter



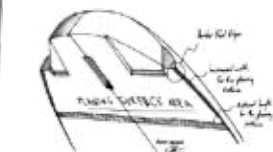
DREAM TEAM
CYRIL MOUSSILMANI
2010 PWA SLALOM 3rd OVERALL



iSONIC

SIX UPGRADES

Since its introduction in 2006, each successive iSonic range brought with it two or three new upgrades, four at most. From 2010 to 2011 however, the latest iSonics boast no less than six upgrades over their predecessors.



- 1** No-paint finish on the deck and rails of all WoodCarbon and Carbon models - for minimum weight.
- 2** Harder rail edges in the tail – more speed, acceleration and jibing power.
- 3** Individually trimmed planing surface tabs. (90, 97, 107, 117, 117 Wide, 127, 137)
- 4** Snug Strap positioning – more effective pitch and roll control.
- 5** Reduced amount of strap inserts – saves weight.
- 6** Very deep deck concave – increases control, closes the gap between sail and deck.
- 7** Fish scale pad grooving – unidirectional traction. Grips when you need them to, helps to release when you don't.
- 8** Minimal pads = minimal weight New Slick Straps by Drake – includes the convenient strap-size indicators.

This jump was made possible by a new internal R&D methodology that allowed the team to start their research at an earlier stage than before. Remi Vila, new head of racing development at Starboard, partnered with Cyril Moussilmani, Björn Dunkerbeck, Kevin Pritchard and Jimmy Diaz to kick-start the 2011 cycle with a strong influx of fresh energy and new ideas early in the season. Add to this extended R&D time the experience of Tiesda You, Svein Rasmussen and Jim Drake, and the 2011 iSonics are born.

Introducing six upgrades for the sixth iSonic generation.

UPGRADE ONE: Harder rail edges in the tail. With harder rails, the board releases from the water cleaner and quicker: this increases top speed, enables quicker acceleration in gusts, improves earlier planing and improves the board's ability to maintain top speed in lulls. On sizes 107, 117, 117 Wide, 127 and 137, the planing surface is also wider and shorter than previously (higher aspect ratio planing surface): this improves bottom-end efficiency. With a harder release edge, the iSonics also gain more jibing power: the rails have the ability to store more energy as the racer enters a jibe that, a fraction of a second later, releases into more exit-speed.

UPGRADE TWO: Very Deep Deck Concaves. The 2011 iSonics have VERY deep deck concaves. By going so deep, the level of control is maximized. The pivot point between sail and board is kept as low as possible. The centre of gravity of the board is also lowered further to minimize undesired swing weight. These very deep deck concaves also break the aerodynamic suction effect that often lifts the nose out of control in high winds. Last but not least, the gap between the sail and deck is eliminated and the mast track can be moved back to improve top end speed without compromising control (mast tracks have been moved back 1.5cm in the 90, 97, 107, 117, 117 Wide, 127, 137 models). Note the very deep deck concaves require the boom to be set about 2cm higher than your normal setting.

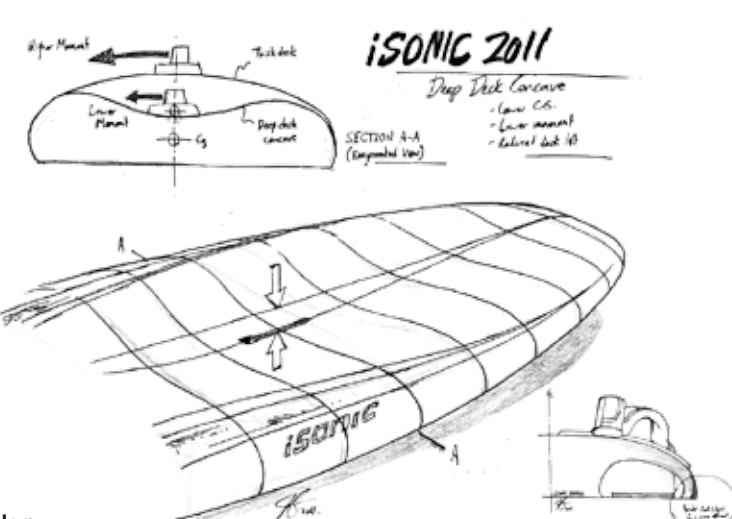
UPGRADE THREE: Individual cutaway trimming. The planing surface tabs directly behind the back heel were individually tuned to carefully adjust the ride and trim of select

iSonic models (90, 97, 107, 117, 117 Wide, 127, 137). This individual tuning minimizes skin friction between board and water for more top end potential, increases the liveliness of the board and boosts acceleration, without breaching the limits of control if conditions get rougher.

UPGRADE FOUR: Paintless finish. Paint is eliminated from the deck and rails of the board to minimize weight of the iSonic WoodCarbon and Carbon models. A grey pigment is used instead, that provides UV protection and adds a textured finishing effect. Pad sizes were also minimized in a chase to eliminate every unnecessary gram of weight.

UPGRADE FIVE: Snug Strap Positioning. All the front footstrap plugs were narrowed down to have an aperture of 14.5cm, which is narrower than usual. The angle of the front strap was also turned to sit more square to the length-axis of the board. These two tweaks combine to give a very snug fit to the front foot, allowing the rider to adjust pitch and roll more effectively as the board reaches top speed.

UPGRADE SIX: new 80 concept and new 117 Wide concept. Two all new concepts are added to the iSonic collection. The iSonic 117 Wide is 80.5cm wide, filling a much needed niche between the 75cm and 85cm models. Based closely on the 85cm model, the 117 Wide has the lowest thickness-to-volume ratio, giving it a massive wind range. This ultra-slim shape is a clear new favourite and the board we most recommend as an upgrade to any slalom quiver. The iSonic 80 is a slimmer version of the iSonic 87, but this year the rail shapes were also softened and thinned down. This improves high-wind control and further reduces bounce when jibing in choppy conditions. The new high-wind reference for light and medium weight racers.



Technology
All iSonics are available in Wood Technology. Wood offers the best ratio between light weight, comfort, control and stiffness. Ideal for all-round performance in all conditions, especially high wind. The iSonic 90, 97 and 107 are available also in WoodCarbon that are lighter and stiffer for racers who want more bottom-end acceleration and sharper sensations. Ideal for medium wind conditions. The iSonic 117, 117 Wide, 127 and 137 are available also in Carbon. Carbon Technology is Starboard's lightest and stiffest option, with the highest levels of bottom-end acceleration and the sharpest sensations: ideal for the medium to lightwind conditions.

Model	Volume	Length	Width	Tail width	Remmended Fin	Finbox	Fin range	Sail range
iSonic 80	80	243	56.5	36.4	Drake Slalom Pro 32 / Deboichet SL4 32	Tuttle	24-36	4.5-6.5
iSonic 87	87	243	56.5	36.6	Drake Slalom Pro 34 / Deboichet SL4 34	Tuttle	26-38	5.0-7.0
iSonic 90	90	241	60	41.6	Drake Slalom Pro 36 / Deboichet SL4 36	Tuttle	28-40	5.2-7.8
iSonic 97	97	234	64	45	Drake Slalom Pro 38 / Deboichet SL4 38	Tuttle	30-44	5.5-8.5
iSonic 107	107	235	68.5	49.7	Drake Slalom Pro 40 / Deboichet SL4 40	Deep Tuttle	32-46	5.8-9.0
iSonic 117	117	232	75	53	Drake R13 Race NR 44 / Deboichet R16 44	Deep Tuttle	36-46	6.0-9.5
iSonic 117 Wide	117	228	80.5	52.8	Drake R13 Race NR 46 / Deboichet R16 46	Deep Tuttle	36-48	7.0-9.5
iSonic 127	127	228	85	57.5	Drake R13 Race NR 50 / Deboichet R16 50	Deep Tuttle	38-50	7.5-10
iSonic 137	137	231	85	57.5	Drake R13 Race NR 52 / Deboichet R16 52	Deep Tuttle	40-52	8.0-10



iSONIC SPEED SPECIALS

BJORN DUNKERBECK EDITION

The new iSonic Speed Specials: designed and developed by Björn Dunkerbeck, Carlos Sosa, Remi Vila and Tiesda You. The R&D team took the opportunity of having a clean sheet to focus on new shapes and a new dedicated speed-specific construction.

Shapes: the shapes of the new W44, W49 and W54 are Björn's exact custom replicas shaped by Carlos Sosa. These have evolved the last season to include deep deck concaves, benefitting with added control and improved aerodynamics. The W58 maintains its 2010 shape as it remains the top choice for all-round medium and light wind speed runs.

Technology: an all-new Speed Technology was also developed: a pure carbon construction with carbon overlapping rail wraps for total stiffness and an ultra-light paintless finish.

Fish scale pad grooving
unidirectional traction. Grips when you need them to, helps to release when you don't.

No-paint finish on the deck and rails - for minimum weight

Very deep deck concave
increases control, closes the gap between sail and deck

New Slick Straps by Drake
includes the convenient strap-size indicators.

Minimal pads =
minimal weight

iSonic Speed Special W44
Sails: 5.1 to 6.2
Ultra Flat water: 20cm fin
Flat water: 22cm fin
All-round conditions: 24cm fin
Choppy / light wind: 26cm fin

iSonic Speed Special W49
Sails: 5.6 to 7.0
Ultra Flat water: 22cm fin
Flat water: 24cm fin
All-round conditions: 26cm fin
Choppy / light wind: 28cm fin

iSonic Speed Special W54
Sails: 6.2 to 7.8
Ultra Flat water: 26cm fin
Flat water: 28cm fin
All-round conditions: 30cm fin
Choppy / light wind: 32cm fin

iSonic Speed Special W58
Sails: 5.8 to 8.0+
Ultra Flat water: 28cm fin
Flat water: 30cm fin
All-round conditions: 32cm fin
Choppy / light wind: 34cm fin

"The W54 is a great contest board when it is flat. You can use 7.8 down to 6.2. It's easy, it has great control and it is very, very fast. The W49 is good from 7.0 to 5.6. Faster and just as easy with the same levels of control. The W44 is the most fun to ride but it needs the most wind. Use it with sails 6.2 and down to 5.1. These boards have been developed over years and they are the fastest boards I got to date. Carlos Sosa and I have been working on speed boards together since 1986 and with great results. Try them out and windsurf faster than ever. Enjoy your speed sailing." Björn

Dedicated speed R&D + pure speed technology = the new iSonic Speed Specials Björn Dunkerbeck Edition.

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
iSonic Speed Special W44	57	230	43.7	25.6	-	Tuttle	20-26	5.1-6.2
iSonic Speed Special W49	64	230	49.5	29	-	Tuttle	22-28	5.6-7.0
iSonic Speed Special W54	72	230	54.5	33.7	-	Tuttle	26-32	6.2-7.8
iSonic Speed Special W58	84	230	58	36.3	-	Tuttle	28-34	5.8-8.0+



Photographer: John Carter

DREAM TEAM
KEVIN PRITCHARD
PISTOL RIVER 2010 CHAMPION

Formula LWR

Formula HWR

New tail rockers:

2mm more lift in the HWR compared to the F162/F161

5mm more lift in the LWR compared to the F160

Formula HWR

Designed for light to medium winds or for medium to heavy weight riders, the Formula HWR provides the most all round performance. Wojtek Brozowski, Michael Polanowski and Remi Vila's new design incorporates a new rocker line with 2mm extra tail-lift and a tail design with a new cutaway shape.

The cutaway shape provides a longer rail length and a wider planing surface under your back foot. Combined with the 2mm extra tail-lift, this allows the board to generate more power yet also release from the water more, creating a more lively board that hunts upwind at greater angles and with a deeper power reserve. With this increased power and a wider planing surface area, the Formula HWR becomes quicker over a wider range, becoming more immune to imperfections in the wind or water conditions. Choppy water or flat water, underpowered or overpowered: the Formula HWR delivers peak performance.

Formula LWR

The new Formula LWR is designed for medium to high winds or for medium to lighter weight riders. Based on the highly successful and still popular F160, the LWR has the same new cutaway shapes as the LWR, to increase the efficiency of the planing surface and increase the power delivery under your back foot.

With 5mm more tail-lift, the board also has more release and provides a livelier ride, making the board more immune to wind and water conditions. The nose has also been thinned down for improved aerodynamics and a reduced nose weight.

Starboard's new Formula WoodCarbon Technology

After tests between pure wood technologies, pure carbon technologies and two variations of a new WoodCarbon hybrid technology across various wind, water and rider conditions, Starboard chose the hybrid WoodCarbon technology with a carbon deck and full wood bottom. This technology blends the advantage of carbon and the advantage of wood into one board.

With its wood bottom, Starboard's Formula continues to provide the best control, comfort and dynamic shape stability in its class. With its carbon deck, the board provides the crisp, light and razor-sharp acceleration efficiency in all wind conditions. Starboard's new Formula WoodCarbon Technology: the hybrid construction that brings you the best of both worlds.

New cutaway shapes:

For a longer rail length and a wider surface area under your back foot

New WoodCarbon hybrid technology:

the control, comfort and shape stability of Wood + the crisp, light and razor-sharp efficiency of Carbon.

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
Formula LWR	168	228	100.5	78	-	Deep Tuttle	62-70	8.5-12.5
Formula HWR	162	228	100.2	81.1	-	Deep Tuttle	62-70	8.5-12.5



Photographer: Aldo Maia

FORMULA EXPERIENCE

The Formula Experience Class is a racing class based around standardized high-performance, high-quality and affordable racing equipment.



Ride, train, compete and have fun without worrying about the equipment race and overly-expensive parts. With its low wind limit and wide wind range, Formula Experience continues to grow with increased popularity and participation.

Formula Experience events are established all over the world and local events are just around the corner. Visit www.fe.internationalwindsurfing.com for the full calendar of events.

"The FE class is an excellent alternative for racing. Everybody is with the same board and fin. The equipment works for everyone from 7 to 25 knots with one just sail size.

In Brazil for example, the FE class started in 2006 and started to grow really fast in 2008 when the rules "opened" up the class to more people. Most FE boards belonged to freeracers and weekenders. The '08 championship was a huge success and in 2009 the FE circuit had two times more sailors than the already popular FW.

An interesting thing happened in '09. The freeracers and weekenders who don't compete but like racing equipment exchanged their FE boards with the FW boards of those racers that week: everybody is on the water having fun.

One key ingredient of FE is the stock equipment which makes FE easily affordable. Why spend money on an expensive FW fin if you can be competitive in FE against your buddies using the stock fin (and, of course, using the FW fin budget to travel around the country competing instead)?

FE is a great compliment to FW. The FE class could give the opportunity to have pro FW riders showing up themselves as the equipment is the same and it's affordable. FE sailors love to follow the FW pro events and then come back to their clubs and do some competitive racing themselves, without competing against the pros just to "fill the fleet". They are actually competing and winning races. It really is simply a great 'Formula' experience.

2010 and 2011 is really entering into the best period of the class. There has been some significant developments especially on sails and booms; the current equipment is really good. We race in the same minimum wind level as FW and the best riders are even beating racers on FW equipment. The FE equipment is that good. It's very fun to compete and to work with FE."

Marcello Morrone, founder of the highly popular FE class in Brazil

Highlight 2011 Events

FE Worlds: Cancun, Mexico Decembre 26 2011 Jan 1 2012
FE Europeans: Portimao, Portugal June 14-19
FE North American: Cozumel, Mexico 17-20 Feb

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
Pro Kids Formula	117	216	92.5	69.8	Drake R13 Race 620 NR	Deep Tuttle	54-66	5.5-8.5
Formula Experience 160	160	228	100.5	77.9	Drake R13 Race 700 NR	Deep Tuttle	-	7.5-12.5



Photographer: John Carter

DREAM TEAM
REMI VILA
STARBOARD RACING R&D

PHANTOM RACE

Phantom Race 380

Designed by Mariano Reutemann, Remi Vila and Svein Rasmussen, the Phantom Race 380 is regarded as the current Raceboard benchmark. The new 2011 model features a new construction and some durability upgrades.

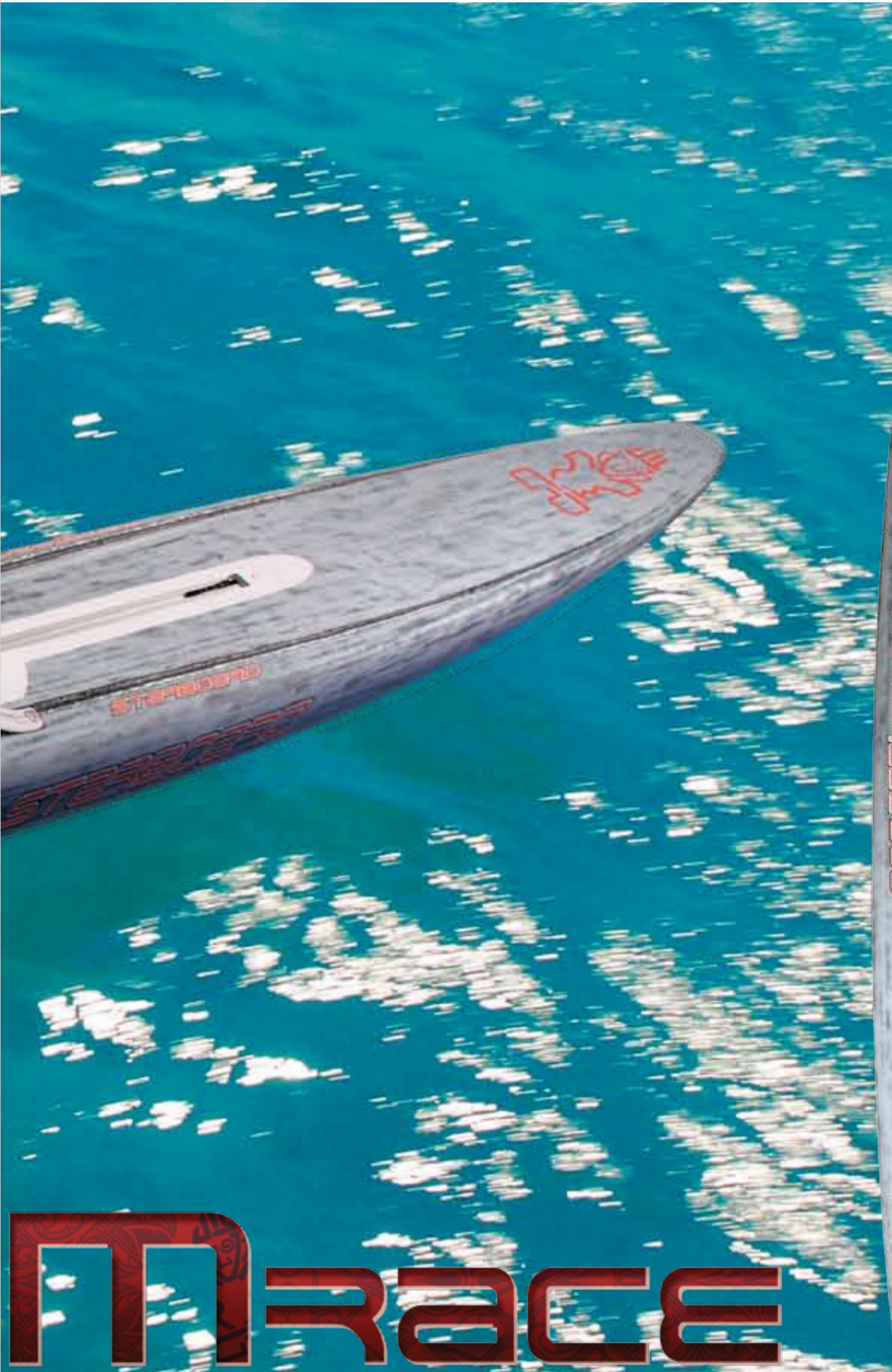
The new Carbon construction - has a deck and bottom in full PVC sandwich and biaxial 150g carbon. Flat-weaved with two fibre directions, both orientated at 45 degrees, the biaxial fibre is more durable, tougher and a responsive flex. This heavier grade of fibre also allows for a thin layer of 30g glass to be removed, effectively keeping the weight at an all time low. The 2011 board also features a new paintless finish to save weight.

The new Technora option - this Phantom Race 380 is built deck and bottom in full PVC glass fibre sandwich with Technora reinforcements in the impact

zones. Tougher than the Carbon edition, the Technora model is more durable and more resistant to sharp impacts.

The daggerboard system's upgrade - a new oversized side-plate incorporates a brass reinforcement where the daggerboard pin fits into the side-plate, making the system much stronger and much more durable. This oversized plate holds the powerful 78cm daggerboard, spreading the load evenly against the side-walls of the daggerboard box.

Board Design - the shape features five key design elements:
A lower nose rocker combined with extra nose vee allows the board to glide faster in lightwinds for improved light-wind performance. This lower nose rocker also gives the board greater speed in medium to high winds as the board crosses chop at a more efficient angle of attack. Faster in lightwinds and faster in high winds.



The deck shape features heel extensions that increase the rider's leverage over the daggerboard and fin. Extra leverage = extra power and extra upwind angle.

Phantom Race 320

The compact version of the 380. A totally new design concept that started with the 380 shortened down to 320. The rocker, the nose vee, the daggerboard and mast track positions were adjusted to match the new length. Super-sized 2cm high heel extensions were added to the deck to maximize the sailor's leverage when railing upwind.

Technology

The Phantom Race 380 is available in Carbon and Technora. The Phantom Race 320 is available in Tufskin AST.

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
Phantom Race 320	260	320	71	43.9	Drake R13 Race NR 440 + Daggerboard 780	Deep Tuttle	40-48	6.5-9.5
Phantom Race 380	303	379	69.5	43.1	Drake R13 Race NR 480 + Daggerboard 780	Deep Tuttle	40-50	6.5-9.5





THE IQ CONCEPT

"By adjusting the fin configurations you can really tweak the way it will perform on the wave. Super adaptable and easy to rip up anything."

Windsurf UK, November 2010

Adaptability

With the return of the multifin wave board, fin positioning and fin selection have become extremely critical to the performance of the board itself. What if an adaptable design could turn this to your advantage?

Introducing the new concept of waveboard adaptability: the IQ.

By selecting from the five available settings (Quad IQ) or three available settings (Evo IQ), the rider can have the perfect match for the conditions of the day and the perfect match for his riding style. Looser or more drive? Big waves or slow mushy waves? Travelling to Australia, Maui or South Africa?

Adapt yourself with the new IQ.

"Generally, if you move the rear fins closer to the front ones the board will feel looser. If you move them apart it gets more drivey and directional. The rest is up to you."

Boards UK, December 2010

Quad boards fitted with Slot Boxes weighed, on average, 640g lighter than those using conventional boxes.



"An Incredibly Responsive Fish.
The Quad IQ left a lasting
impression amongst our test
team riders."
Wind France, October 2010

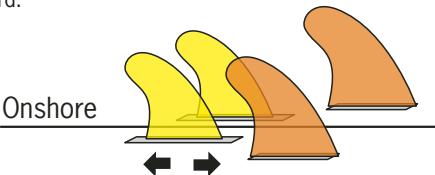
DREAM TEAM
PHILIP KOSTER
2010 PWA WAVE THIRD OVERALL

QUAD IQ

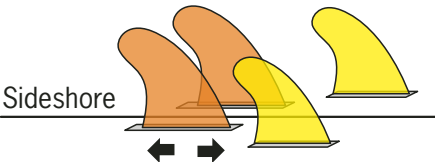
INTELLIGENT ADAPTABILITY

Introducing the new Quad IQ: the first adaptable
multi-fin wave board. A board with five integrated fin
settings to match every wave and all wind conditions.

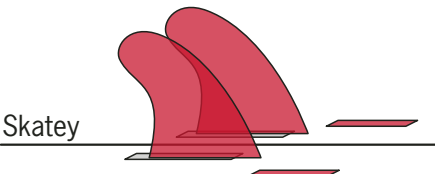
Onshore setting: maximum drive, lots of grip and extra upwind
power. Great for onshore jumps too. The back fin adjusts
forwards to loosen up the board, or backwards to stabilize the
board.



Sideshore setting: Smoother arc through the turns with
controlled power for precise maneuvering. Adjust the back fins
forwards or backwards to fine-tune between looseness and
stability.



Skate setting: the choice for fast, powerful waves and a
skatey feel. The twin fin setting allows the tail to breakout for
top turn slashes and takas.



Starboard's new Slot Box: the new box system fundamental
to the IQ concept. Designed to be extra light, it weighs 70%
lighter than a US box. *Quad boards fitted with Slot Boxes
weighed, on average, 640g lighter than those using conven-
tional boxes.* It has 3cm of adjustment room and current US
based fins can also be cut to fit. The custom-manufactured
bolts fit the same screwdriver as your footstraps, making them
effective against sand, keeping the system simple and
hassle-free.

Construction: WoodCarbon – the lightest, stiffest option; Wood
– extra light, rigid and with the test team's favourite feel; The
ProKids model is built the lightest for lightweight riders.

Shape: Forward Vee that spirals into reduced vee between the
feet and ending in a monoconcave in the tail. The forward vee
increases the engaging rail's angle of attack when the board is
carving, which creates extra drive into the turn. The monocon-
cave channels the water through the tail and allows for a flatter
rocker for more speed and quicker planing. The tail rocker has
extra tail kick to keep the board free and loose. Rails are soft
and rounded like surfboards – keeps the ride flowing and
smooth.

Fittings:

- 1** Fish scale pad grooving – unidirectional traction. Grips when
you need them to, helps to release when you don't.
- 2** **New** Deluxe straps by Drake – includes the convenient
strap-size indicators.
- 3** Heel Bumpers – for comfort and impact shock-absorption
- 4** Double screws for the back footstrap - for extra strength
- 5** **New** Starboard Slot Box fin system
- 6** **New** Fluo yellow touches

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
ProKids Quad IQ	69	224	53.5	33.4	2 x Natural Wave 110 + 2 x Natural Wave 130 + 2 x Natural Wave 150 + Plugs	2 x Slot Box 10 + 2 x Slot Box 13	10-15	2.3-4.7
Quad IQ 69	69	224	53.5	33.4	2 x Natural Wave 110 + 2 x Natural Wave 130 + 2 x Natural Wave 150 + Plugs	2 x Slot Box 10 + 2 x Slot Box 13	10-15	2.3-4.7
Quad IQ 74	74	227	57	35.1	2 x Natural Wave 110 + 2 x Natural Wave 130 + 2 x Twin 150 + Plugs	2 x Slot Box 10 + 2 x Slot Box 13	10-16	3.0-5.0
Quad IQ 77	77	228	57.5	35.6	2 x Natural Wave 110 + 2 x Natural Wave 130 + 2 x Twin 150 + Plugs	2 x Slot Box 10 + 2 x Slot Box 13	10-16	3.5-5.5
Quad IQ 82	82	234	58.5	36.3	2 x Natural Wave 110 + 2 x Natural Wave 130 + 2 x Twin 150 + Plugs	2 x Slot Box 10 + 2 x Slot Box 13	10-16	4.0-6.0
Quad IQ 87	87	235	59.5	37.3	2 x Natural Wave 110 + 2 x Natural Wave 140 + 2 x Twin 160 + Plugs	2 x Slot Box 10 + 2 x Slot Box 13	10-16	4.5-6.5
Quad IQ 92	92	235	60.5	37.5	2 x Natural Wave 110 + 2 x Natural Wave 140 + 2 x Twin 160 + Plugs	2 x Slot Box 10 + 2 x Slot Box 13	10-16	4.7-6.7

EVO^{iq}

EXTRA VERSATILE

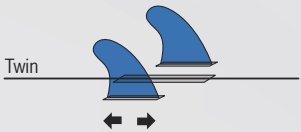
The Evo IQ extends the adaptable wave board concept to include the famous flowing rides of the single fin Evos and the twin fin skatey style.

Supplied with a single fin and leaving the twin fin setup as optional, the Evo IQs prioritise straightline speed and acceleration with a solid fin grip. On the wave face, it's all unmistakably Evo: flow through tight turns and project big aerials off the lip.

Maximizing wave-riding performance in the widest variety of wind and wave conditions: the new Evo IQ. Extra versatile.



Single fin setting: straightline speed priority with a solid fin grip. Classic Evo performance.



Twin fin setting: the choice for fast, powerful waves and a skatey feel.

Starboard's new Slot Box: the new box system fundamental to the Evo IQ concept. The Slot box is designed to be extra light, weighing 70% lighter than a US box. It has 3cm of adjustment room and current US based fins can also be cut to fit. The custom-manufactured bolts fit the same screwdriver as your footstraps, making them effective against sand, keeping the system simple and hassle-free.

Construction:

WoodCarbon – the lightest, stiffest option; **Wood** – extra light, rigid and with the test team's favourite feel; **Technora** – light and stiff, and the best-priced option.

Shape: Forward Vee that spirals into reduced vee between the feet and ending in a monoconcave in the tail. The forward vee increases the engaging rail's angle of attack when the board is carving, which creates extra drive into the turn. The monoconcave channels the water through the tail and allows for a flatter rocker for more speed and quicker planing. The tail rocker has extra tail kick to keep the board free and loose. Evo rails are soft and rounded like surfboards – keeps the ride flowing and smooth.

Fittings:

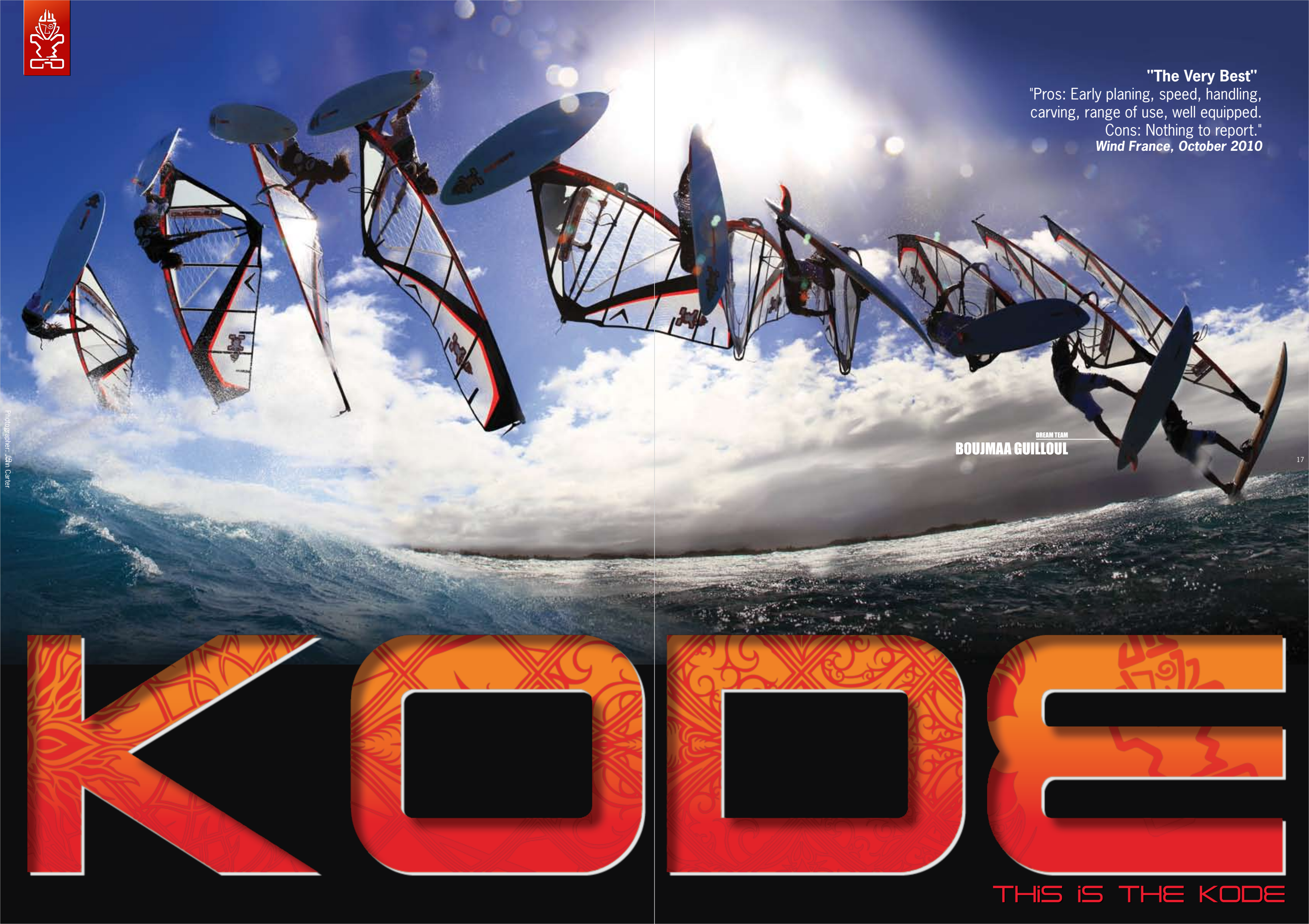
- 1 Fish scale pad grooving** – unidirectional traction. Grips when you need them to, helps to release when you don't.
- 2 New Deluxe straps by Drake** – includes the convenient strap-size indicators.
- 3 Heel Bumpers** – for comfort and impact shock-absorption
- 4 Double screws for the back footstrap** - for extra strength
- 5 New Starboard Slot Box fin system**



DREAM TEAM
SCOTT MCKERCHER
STARBOARD WAVE R&D

“On the wave face, it's all unmistakably Evo: flow through tight turns and project big aerials off the lip”

Model	Volume	Length	Width	Tail width	Fin	Recommended Twin fin	Finbox	Single fin range	Twin fin range	Sail range
Evo IQ 71	71	223	56	36.1	Drake Natural Wave 220 + plugs	Drake Twin 150	2x Slot Box 13 + US 8"	19-23	13-16	3.0-5.0
Evo IQ 76	76	228	57.5	36.8	Drake Natural Wave 230 + plugs	Drake Twin 160	2x Slot Box 13 + US 8"	20-24	13-16	3.5-5.5
Evo IQ 81	81	233	58	36.5	Drake Natural Wave 240 + plugs	Drake Twin 160	2x Slot Box 13 + US 8"	21-25	14-17	4.0-6.0
Evo IQ 86	86	234	60.5	38	Drake Natural Wave 250 + plugs	Drake Twin 160	2x Slot Box 13 + US 8"	22-26	14-17	4.5-6.5



"The Very Best"

"Pros: Early planing, speed, handling, carving, range of use, well equipped.

Cons: Nothing to report."

Wind France, October 2010

DREAM TEAM

BOUJMAA GUILLOUL

17

K O D E

THIS IS THE KODE

KODE

THIS IS THE KODE

The Kode: Wave freestyle machines mixing aggressive power with speed and maneuverability. From 68 litres up to 123 litres, the Kodes come in eight sizes that cover it all. So the question is no longer: What is the Kode? The question is: Which Kode?

Which Kode?

➤ **The Kode 68** – The smallest Kode. Designed by Boujmaa Guilloul for his wave riding and bump n’ jumping needs, covering Moroccan highwinds to Maui big waves, for riders from 60kg to 75kg. The Kode 68 mixes a compact outline into a gunny tail with soft, round rails. Blends flowing style with speed. A special stand-out in the Kode range.

➤ **The Kode 74 and 80** – the pure wave board classics in the range also offering highwind freestyle and highwind bump-n-jump performance. Fast, down-the-line shapes with gunny tails and fast rockerlines. These have been Kevin Pritchard’s favourites amongst the Starboard range 3 years in a row. Choose between the 74 and the 80 depending on your body weight and sail size. The 74 shape remains unchanged. The 80 shape has extra tail kick, for more maneuverability, a smoother, tighter top turn and a shortened nose, for a quicker response.



➤ **The Kode 86, 94 and 103** – the fifty-fifty blend between wave and freestyle. Always fast, always powerful and always aggressive, these Kodes have more width, more tail volume and more pop for full freestyling ability. New 94 and 103 shapes: thinner side profile for a lower centre of gravity that equals more control, more maneuverability and more responsiveness. New, narrower tails make for quicker turns. More rail volume in the tail gives more pop, more grip under your back foot, more riding comfort and make the jibes more forgiving.

➤ **The Kode 113 and 123** – the two largest boards that add freeride to the wave-freestyle equation. Blasting up and down the coast, carve tight jibes and throw in freestyle pops with light-wind wave riding rollers. Compact and fast, these Kodes have a wide wind range and can carry bigger sails. New for 2011: some extra rail volume was pumped into the tail to add early planing power, add more grip to your back foot and offer more forgiveness to the exit of a jibe: it’s harder to stall it so that you can come out planing more easily.

Model	Volume	Length	Width	Tail width
Kode 68	68	228	53.5	32.2
Kode 74	74	234	54	33.4
Kode 80	80	232	56	33.9
Kode 86	86	237	58.5	38.3
Kode 94	94	237	60.5	38.6
Kode 103	103	237	64.5	41.8
Kode 113	113	237	68	44.7
Kode 123	123	236	72	47.1

The secret Kode Part 1: the Spiraling Vee bottom shape. Lots of Vee in the front of the board spirals into less vee between your feet. The vee in the front increases the engaging rail’s angle of attack when the board is carving, which creates extra drive into the turn. This bottom shape also creates a high-flying lively ride that’s pure joy.

The secret Kode Part 2: extra thin rails in the mid-section of the board create extra bite into the water, giving the Kode’s their aggressive touch.

The SPONGE: The Kode 86, 94 and 103 also have a new pad design: 10mm of super soft SPONGE foam, pre-shaped and covered in fish-scale grooved EVA skin. The skin forms over the sponge and curves into the board’s deck, giving a great feel of comfort and grip.

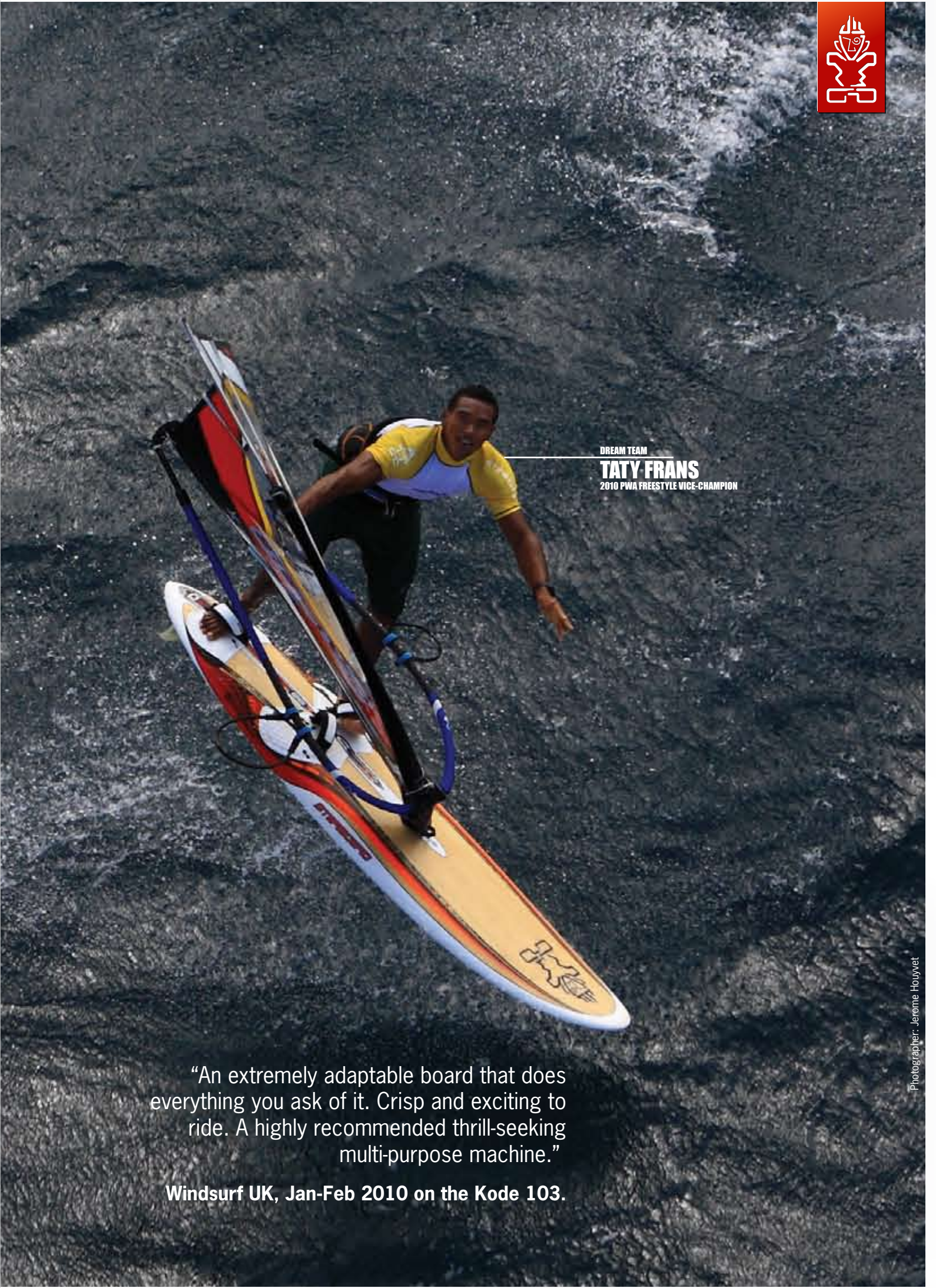
Construction: WoodCarbon – the lightest, stiffest option; **Wood** – extra light, rigid and with the team’s favourite feel; **Technora** – light and stiff, and the best priced option.

The 68, 74, 80, 86 and 94 models are beefed up to handle harder rides and bigger jumps. See the Technology page for more details.

Fittings:

- **1** Fish scale pad grooving – unidirectional traction. Grips when you need them to, then helps to release when you wipeout. 10mm pre-shaped SPONGE underlay on the Kode 86, 94, 103.
- **2** New Deluxe straps by Drake – includes innovative strap size adjustment indicators.
- **3** Heel Bumpers – for comfort and impact shock-absorption (Kode 76, 74, 80)
- **4** Double screws for the back footstrap - for extra strength (Kode 76, 74, 80)
- **5** New Fluo orange touches

Fin	Finbox	Fin range	Sail range
Drake Natural Wave 210	US 8"	19-23	3.0-5.0
Drake Natural Wave 220	US 8"	20-24	3.3-5.3
Drake Natural Wave 230	US 8"	21-25	3.5-5.5
Drake Freewave 260	US 8"	14-26	4.0-6.0
Drake Freewave 280	US 8"	14-33	4.5-6.5
Drake Freewave 300	US 8"	14-34	5.0-7.0
Drake Freeride Glide 380	Tuttle	26-40	5.2-8.5
Drake Freeride Glide 400	Tuttle	28-42	5.5-9.0



DREAM TEAM
TATY FRANS
2010 PWA FREESTYLE VICE-CHAMPION

“An extremely adaptable board that does everything you ask of it. Crisp and exciting to ride. A highly recommended thrill-seeking multi-purpose machine.”

Windsurf UK, Jan-Feb 2010 on the Kode 103.



"The Flare delivers it all. It works superbly for the widest range of rider techniques and abilities."
Windsurf UK, July 2010

DREAM TEAM
TATY FRANS
2010 PWA FREESTYLE VICE-CHAMPION

FLARE

FREESTYLE WITH FLAIR



DREAM TEAM
KIRI THODE
2010 PWA FREESTYLE 3RD PLACE

FLARE

FREESTYLE WITH FLAIR

The new fluorescent Flares. The Flare family returns with a striking new livery, with a new Flare 116 model and welcomes back a classic shape in the Flare 88.

The test team: Taty Frans (PWA 2010 Vice Champion), Kiri Thode (PWA 2010 3rd), Dieter Van Der Eyken (EFPT 2010 7th) Sarah-Quita Offringa (2008, 2009, 2010 PWA Freestyle Champion), Nicolas Akgazcyan (EFPT 2010 Vice Champion) and Mattia Pedrani. The design team: Tiesda You and Sven Akerboom. The result: five versatile models for fast, fun freestyle.

Model	Volume	Length	Width	Tail width	Fin	Finbox	Fin range	Sail range
ProKids Flare 60	60	214	54.5	34.2	Drake Crossover 200	US 8"	14-22	2.0-4.7
ProKids Flare 72	72	230	57	35.1	Drake Crossover 220	US 8"	14-24	2.5-5.5
Flare 88	88	239	60	36	Drake Crossover 220	US 8"	14-24	4.5-6.0
Flare 98	98	237	62.5	42.2	Drake Crossover 240	US 8"	14-28	5.0-6.8
Flare 106	106	239	65	42.2	Drake Crossover 260	US 8"	14-28	5.2-7.0
Flare 116	116	242	70	43.6	Drake Crossover 260	US 8"	14-28	5.5-7.3

The Design

The Flares are freestyle boards that aim to blend speed and power with maneuverability, ease-of-pop and control. The speed and power comes from the fast, flat rockerlines with lots of width in the midsection and tail. A smooth tail kick, a thin nose, a thin midsection profile and a thick tail volume bring in the maneuverability, the ease-of-pop and the forgiveness to finish moves. With the unique heel gutters shaped into the deck, your feet wrap around a curved, ergonomic curve for total comfort and total control. Fast, fun, forgiving: the World's most advanced and lightest freestyle boards.

ProKids Flare 72 and 60

Two mini freestyle boards for riders weighing 50kg or less, scaled to fit the smaller riders: smaller strap stances, lighter construction.

Construction

WoodCarbon: wood bottom, carbon deck. The lightest, stiffest option.

Wood: Wood skin both deck and bottom. Extra light, rigid and comfortable.

ProKids Flares: glass/PVC sandwich construction

- 1 Fish scale pad grooving** – unidirectional traction. Grips when you need them to, then helps to release when you wipeout.
- 2 New Deluxe straps by Drake** – includes innovative strap size adjustment indicators.
- 3 Heel gutters** - exaggerate the deck dome effect for more comfort and grip. "The Flare is the best board in this group for general blasting around and bump and jump. It feels very light and stiff underfoot, the domed deck is unique and absolutely brilliant. It makes life so much more comfortable on your back foot than any of the other boards in this group and makes the board great fun for popping jumps and forwards etc without the pain associated with flat decks." Boardseeker magazine www.boardseeker.com
- 4 Double screws for the back footstrap** - for extra strength
- 5 Fin positioning guide** - adjust your board for more grip or more slide
- 6 Fast rockerlines and thinner shapes for a lower CG** - maximum aerial control and increased responsiveness. "The Starboard shines as a freestyle board that can also be fun in small waves and bump and jump conditions. There is no doubting the board is fast. It is not only fast but also extremely controllable at speed." Boardseeker magazine www.boardseeker.com
- 7 Increased tail volume** - for more float and tolerance in reverse moves
- 8 Drake Crossover CNC G10 fins** - designed by Curtis Hesselgrave
- 9 New Fluo yellow touches**



DREAM TEAM
DIETER VAN DER EYKEN
2010 EFPT 7th PLACE





HOW ARE STARBOARD BOARDS DEVELOPED?

Starboard's R&D process starts with ideas. Ideas for new shapes, new designs, new technology constructions, new material uses, new flex patterns and new accessories. Most of these ideas simply come from windsurfing. Our Dream Team riders and our R&D team log thousands of hours of water time. This gradually yields a stream of ideas that are turned into physical reality in our workshop prototyping facility.

Other ideas come from a theoretical approach, through hydrodynamic analysis by Jim and myself. This provides a different approach to the common trial-and-error basis and becomes a very strong advantage when designing boards such as the iSonics, the Formula or the Futura.

There are also many ideas that come from the

market at large: through our network of shops and distributors, through reading magazine tests and through our email inbox.

Last but not least, our most innovative ideas have come from asking ourselves daring questions, looking outside the box as Jim would say, or simply waking up one morning with an exciting new vision that strives to open up uncharted seas.



Once an idea has evolved into a tangible product, the graphics are added by Starboard's team of three graphic designers. Designs are created on computers, boards are sprayed up in the painting booth, custom stickers are printed and applied, pads are cut by hand and glued on. The final colours are chosen and the last details refined.

Next, the factory line creates a mould and presses the first board that is finished and inspected by the R&D team and the graphics team. Sample boards are sent to riders for durability testing and others are bench-tested destructively. These quality control steps are the pivot point in the life of a board. The teams verify the accuracy of all shape, the quality and conformity of the fittings and set the benchmark for production. After a number of iterations, the perfect board that meets all criteria is signed off, signaling the start of the production run.

Information on the products are dissected, uploaded onto our website and printed, inviting windsurfers to discover each new model, in every detail and from all angles. As production runs complete their cycle, boards are triple checked, boxed and shipped out by sea, ready to hit the water, and start their new life.





ACCESSORIES

Windsocks

Flags

Beach Flag

North pin /push pin adaptor

Mast base for adjustable mast tracks

Zero alloy extension base

50cm alloy extension base

Starboard Tent

Standard mast base: Includes a North pin / push pin adaptor

HD mast impact protectors: Triple layer construction: top plastic structure spreads the load, high density EVA beneath it disperses energy and the soft low density EVA underneath absorbs the load. The soft construction allows the HD nose protector to fit a variety of nose shapes and the light weight design preserves maximum board performance.

For a board compatibility chart, please refer to our website www.star-board.com.

Tiki Tool: Wide, rubberized moulded handle for maximum torque and grip, even with wet hands. Compatible with all Starboard board fittings: straps, air-valve, fin bolts and daggerboard plates.

Custom Philips #2 head M4 22mm bolt

Safety Washer

Fin bag: Race: stores up to 10x 70cm fins. Slalom: stores up to 10x 50cm fins.

Accessory Bag

PHILIPS HEAD #2 FIN BOLT M6X 35 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 40 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 45 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 50 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 55 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 60 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 65 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 70 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 75 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 80 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 85 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 90 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 95 mm	10 pieces
PHILIPS HEAD #2 FIN BOLT M6X 100 mm	10 pieces
FOOTSTRAP SCREW M7X 32 mm	30 pieces
FOOTSTRAP WASHER	30 pieces
PHILIPS HEAD #2 AIRVALVE BOLT	10 pieces
T-NUT	10 pieces
SQUARE METAL WASHER M4	10 pieces
PHILIPS HEAD #2 FIN BOLT M4 x 22 mm	10 pieces
3D RUBBER WASHER	30 pieces
RUBBER DISC (WHITE)	30 pieces
K9 ANTI-TWIST PLUG	30 pieces
FIN BOLT 20 mm RUBBER WASHER	90 pieces
FIN BOLT 20 mm METAL WASHER	90 pieces

TRAVEL BAGS
8mm foam top and bottom. Etra thick 12mm padded sidewalls. Plastic zipper, zipped fin-slot. Quick-clip shoulder straps.

Sizes: M, L, XL, Formula, Triple M, Double iSonic

DAY BAGS
Available for all Starboard boards. 8mm foam padding, polyester 600D construction. Zipped fin-slot, quick-clip shoulder strap.

Sizes: XS, S, M, L, XL and many more.

For a complete board-to-bag compatibility chart, please visit www.star-board.com

Men's T-shirts

Tiki Sun B&W

Tiki Sun Hue

Tribal Paddles

Eaten

Starboard Chromatic

Starboard Warm

Tiki Temple

STB

Tiki Texture Black

Men's T-shirts

Tiki Texture White

Tiki Board Explosion

Brain Waves

Mayan Tiki

Men's Performance

Team Lycra Green
also available in long sleeves

Team Lycra Blue
also available in long sleeves

Team Lycra
also available in long sleeves

Men's Performance

Tattoo Lycra

Titanium Neoprene

Long John

Tiki Water Shirt
also available in long sleeves

Chromatic Water Shirt
also available in long sleeves

Alternative water shirt
also available in long sleeves

Paddle Shirt

Brain Waves Boardies

SUP Boardies

Women's Wear

Long Sleeve Lycra

Short Sleeve Lycra

Ladies Brain Waves Boardies

Flexfit 210 fitted

Flexfit Pinhead
also available in white

Beanie

Kopaka White

Kanalua

Kopaka Black

Lg Travel Roller

Airline Overhead

Lolalua

Sm Fin Bag

Lg Fin Bag



STARBOARD

DREAM TEAM



Daida Moreno



Jimmy Diaz



Dieter Van Eyken



Bjorn Saragoza



Sarah-Quita Offringa



Connor Baxter



Amado Vrieswijk



Sylvain & Benoit Moussilmani



Cyril Moussilmani



Jurgen Saragoza



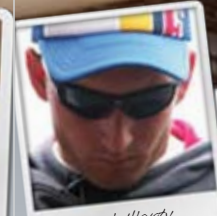
Boujmaa Guillou



Quincy Offringa



Marta Hlavaty



Pavel Hlavaty



Tiffany Ward



Zane Schweitzer



Gabriel Browne



Michael Polanowski



Wilhelm Schürmann



Iballa Moreno



Philip Koster



Scott McKercher



Bjorn Dunkerbeck



Morane Demont



Kevin Pritchard



Taty Frans



Timo Mullen



Anne-Marie Reichman



Cisco Garcia



Alice Arutkin



Jesper Vesterstrom



Kiri Thode



Boujmaa Guillou



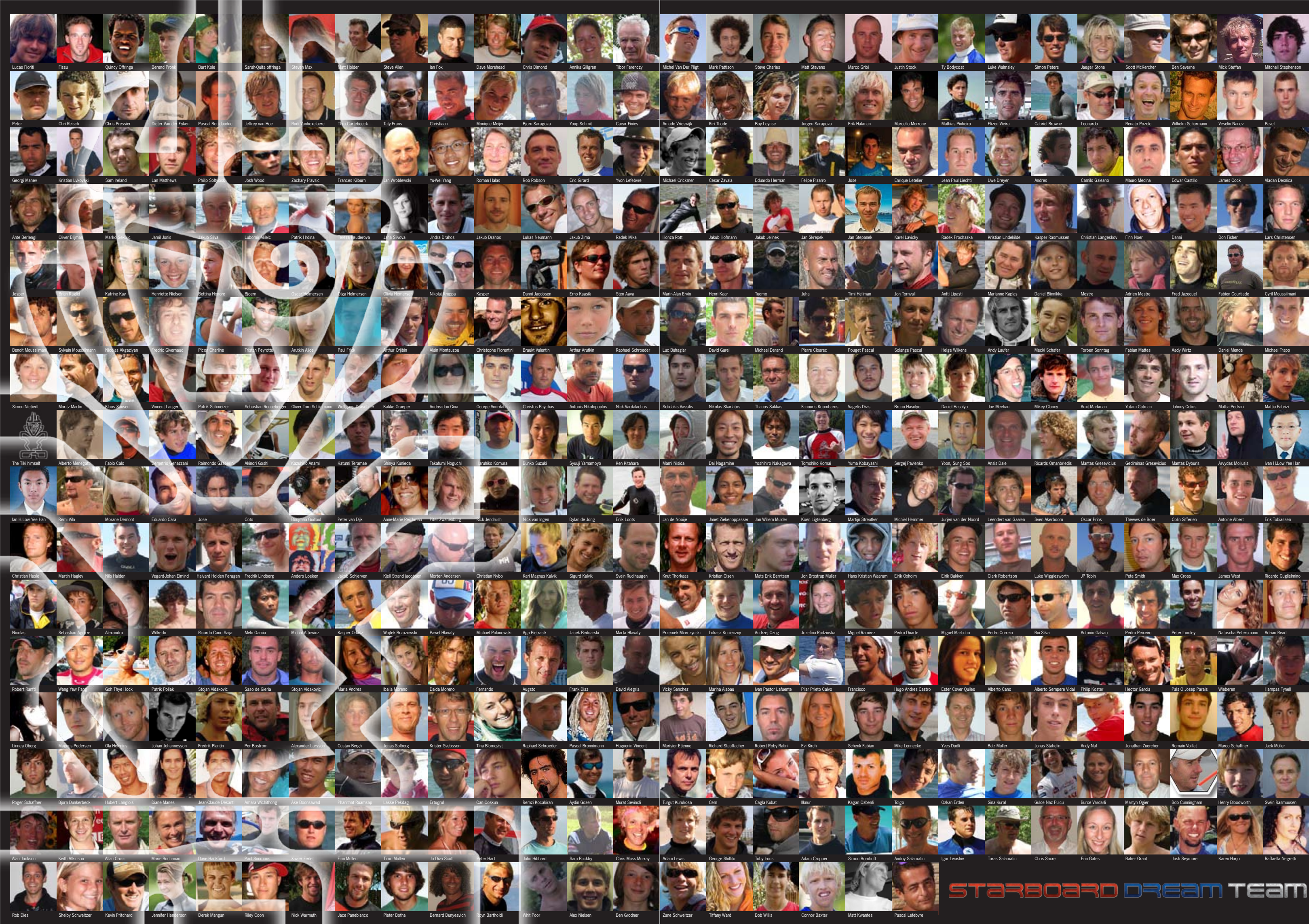
Wojtek Brzozowski



Nicolas Akgazciyan



Whit Poor

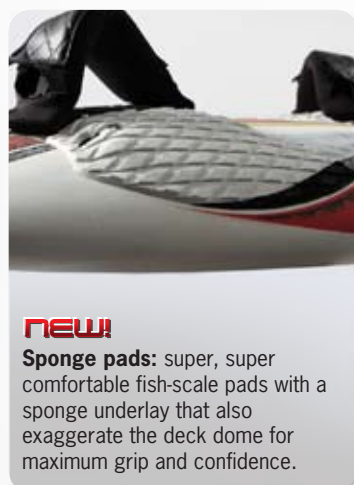


STARBOARD DREAM TEAM

ATTENTION TO DETAIL



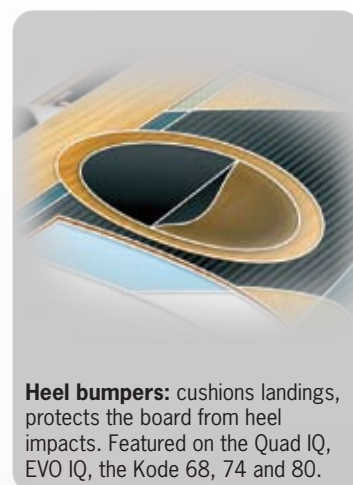
Extra-thick footstrap washer: for a firmer grip without distortion and reduced tendency for screws to become loose over time.



NEW!
Sponge pads: super, super comfortable fish-scale pads with a sponge underlay that also exaggerate the deck dome for maximum grip and confidence.



Fish Scale Pad: unidirectional traction. Grips when pushing into the straps, releases when pulling out of the straps.



Heel bumpers: cushions landings, protects the board from heel impacts. Featured on the Quad IQ, EVO IQ, the Kode 68, 74 and 80.



Heavy-duty double-screw strap inserts: No twist. Super strong. Featured on the Quad IQs, Evo IQs, the Flares, the Kode 68, 74 and 80.



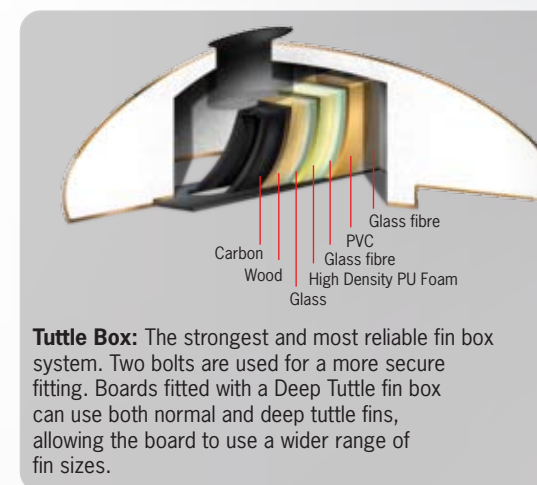
7x32mm Footstrap Screws: new extra wide footstrap screws for increased strength – never snaps nor rips out.



K9 Anti-twist plugs: sandwiched between the board and the strap, the K9 plug has four canine teeth that sink into the strap to provide a mechanical anti-twist effect.



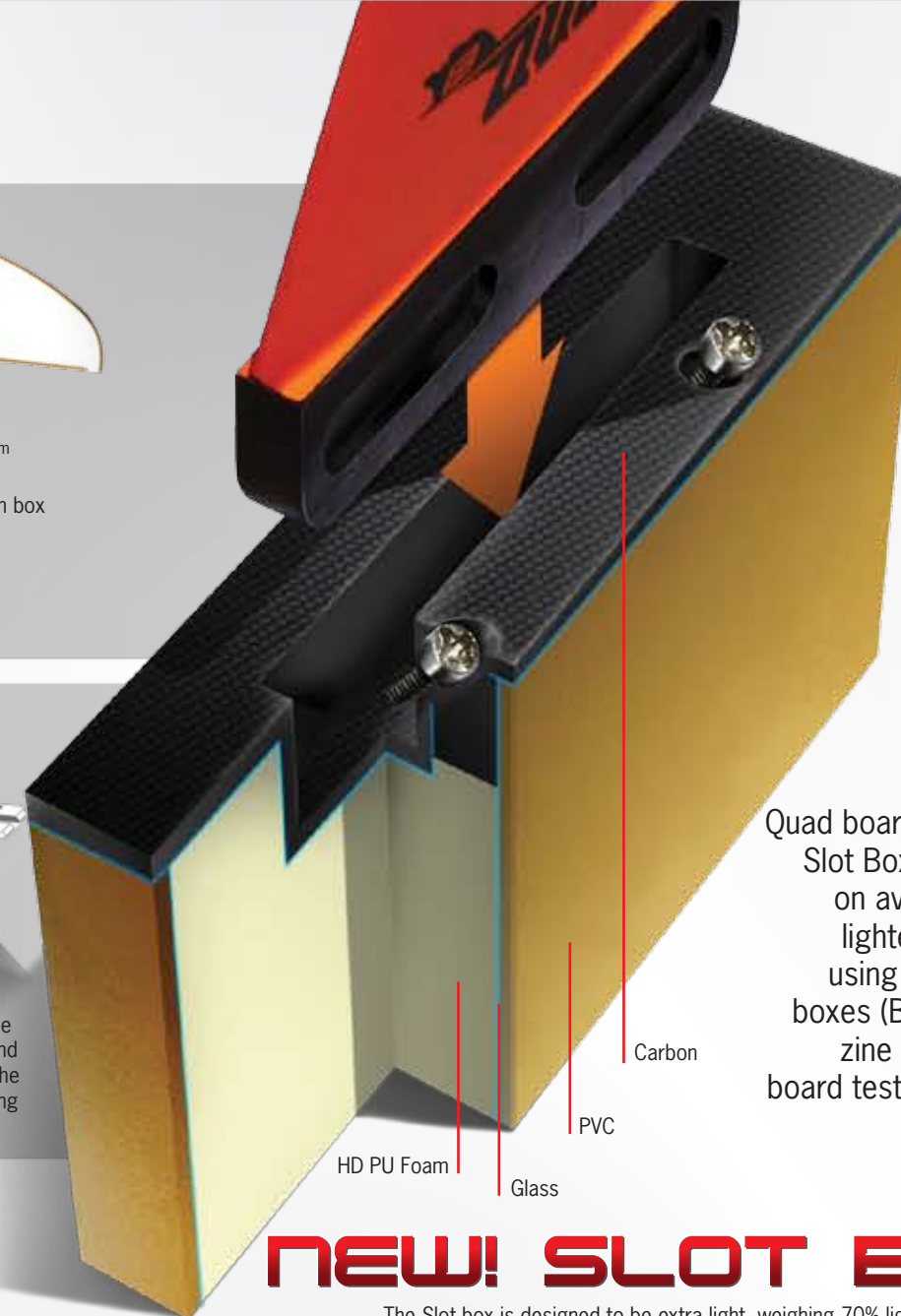
One screw fits all: air-valves, tuttle boxes, Slot box, US box, footstraps: a single screw driver fits them all. Simple.



Tuttle Box: The strongest and most reliable fin box system. Two bolts are used for a more secure fitting. Boards fitted with a Deep Tuttle fin box can use both normal and deep tuttle fins, allowing the board to use a wider range of fin sizes.



NEW!
TOOL-FREE CLIPPERBOX SYSTEM: a simple clipping daggerboard system that is smooth and easy to operate. New feature: remove and fit the daggerboard by simply pulling it out and pushing it back in. Sand proof and reliable.



Quad boards fitted with Slot Boxes weighed, on average, 640g lighter than those using conventional boxes (Boards magazine 75 litre wave board test, Dec 2010).

NEW! SLOT BOX

The Slot box is designed to be extra light, weighing 70% lighter than a US box. It has 3cm of adjustment room and current US based fins can also be cut to fit. The custom-manufactured bolts fit the same screwdriver as your footstraps, making them effective against sand, keeping the system simple and hassle-free.

Two sizes are available: the Slot Box 10 and the Slot Box 13.

NEW! SIZE INDICATOR and DELUXE STRAPS

Wider double-flap straps shaped for wave/freestyle riders. Extra strong, holds its shape impeccably and features strap-size indicators for easy size adjustment.



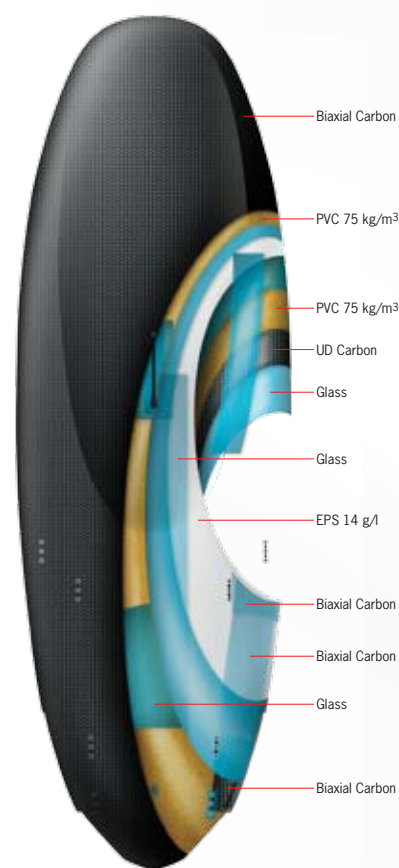
NEW! SIZE SLICK STRAPS

Narrower quick-adjusting freeride/slalom straps. Softer flex and super comfortable. New Size Indicator Tabs makes strap sizing a breeze.





TECHNOLOGY

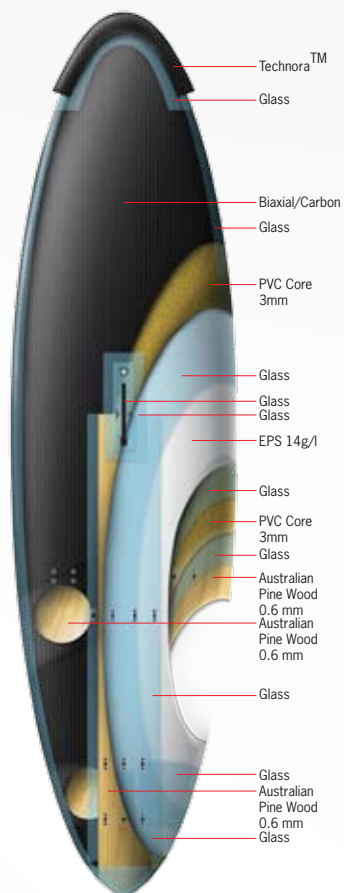


CARBON

Pure carbon construction both deck and bottom: Carbon Technology is selected on the light wind racing models where the key criteria are acceleration efficiency and maximum hull stiffness. Like WoodCarbon, Carbon Technology uses an ultra light carbon fibre that is flat-weaved for total mechanical efficiency at half the specific weight of regular carbon weaves.

Advantages: lightest weight, stiffest flex for lightwind racing.

Availability: iSonic, Phantom Race

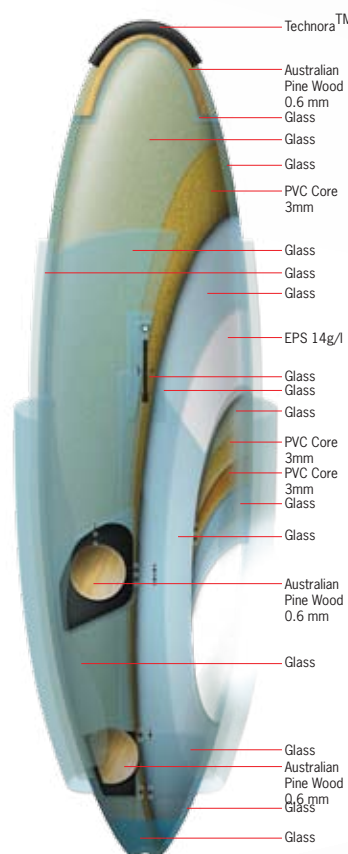


WOODCARBON

A combination of a wood spine / wood bottom with ultra light, flat-weave carbon. The first board construction in the World to utilize an ultra light carbon fibre that is flat-weaved for total mechanical efficiency at half the specific weight of regular carbon weaves.

Advantages: lightest weight, stiffest flex, quickest response.

Availability: Quad IQ, Evo IQ, Kode, Flare, Futura, iSonic, Formula, Atom

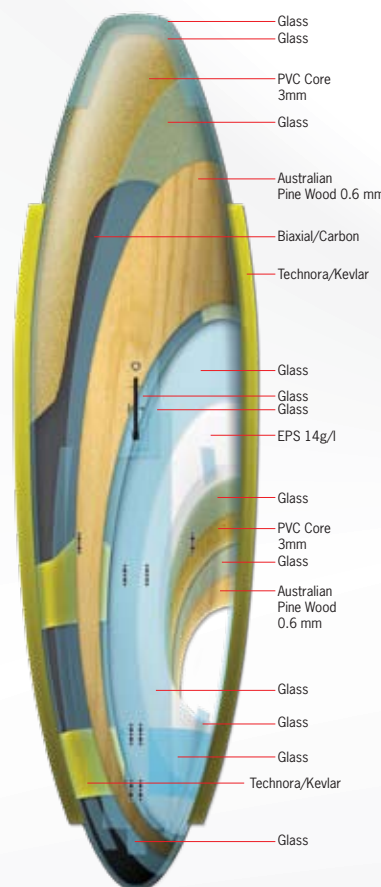


TECHNORA™

A lightweight, stiff and crisp construction providing the highest performance value. Technora™ is a special type of high tenacity Aramid fiber with remarkably high tensile strength, high toughness, and high impact-resistant qualities. Technora™ reinforcements together with Kevlar®, Carbon and Wood laminates strengthen the skin, nose, and heel areas. Wave Technora™ boards are built with cross-linked PVC sandwich skins and a 14g/l EPS internal core. Freeride Technora™ replaces the PVC sandwich core with natural Australian plantation pine wood. The pine wood sheet is 0.6mm thick and covers the entire deck and bottom of the board. Sandwiched between biaxial layers of glass fibre, the wood/glass skin forms a stiff and impact-resistant outer shell. The result: a high performance board that is light, stiff and crisp to ride, and assembled through a more environmentally friendly construction process.

Advantages: light weight, stiff flex, quick response

Availability: Kode, Evo IQ, Carve, Futura



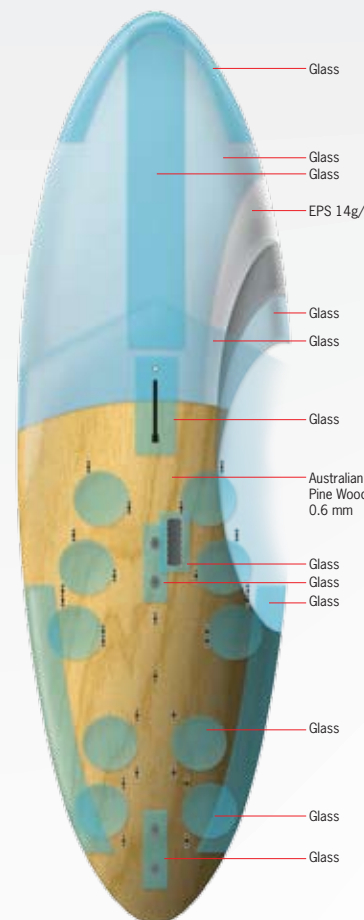
WOOD TECHNOLOGY

Developed by Jean Louis Colmas in 1984, Wood Technology became Starboard's trademark construction since 1995. Starboard's production Wood boards then set the lead in lightweight sandwich technology, weighing in at a kilo under the competition, yet with higher impact resistance.

A sheet of 0.6 mm Australian plantation pine wood forms the full outer shell of the board. Wood's unique properties are its natural rigidity, superior resistance to compression and higher energy absorption compared to carbon. It is the construction with the highest dynamic shape stability.

Advantages: lighter weight, highest dynamic shape stability, rigid flex, quicker response.

Availability: Quad IQ, Evo IQ, Kode, Flare, Carve, iSonic, Futura, Atom



TUFSKIN

Maximum durability and value. Tufskin technology uses layers of 3-dimensional 400g glass mat wetted out with an expanding epoxy resin system that creates volume within the skin as it cures under pressure. This creates a thick, stiff, and durable sandwiched laminate. A half-deck wood layer improves rigidity and deck impact resistance in the Tufskin AST models. An ASA skin wraps the board to improve the scratch and impact resistance of the Tufskin ASA models. Advantages: tough construction, more value, most durable

Availability (Tufskin AST): Carve, Super, Kode Tufskin, Formula, GO, Gemini Mk II

Availability (Tufskin ASA): Start, Rio

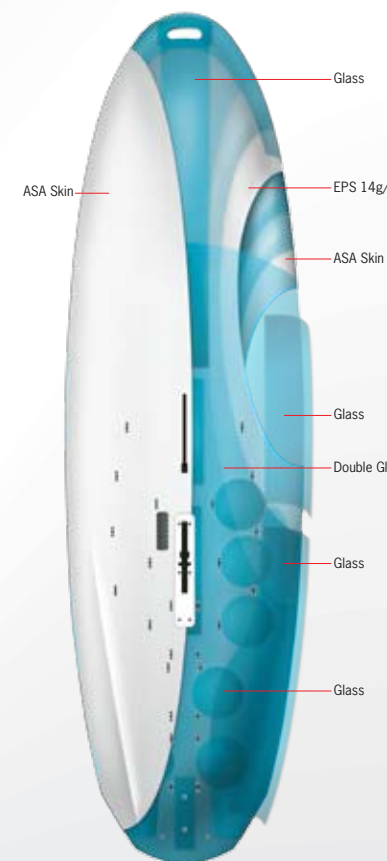


SLICK SKIN

The new Slick Skin Technology: our "soft & tough" construction for our new collection of low maintenance, user-friendly family products. Double Wood stringers provide overall stiffness. Wood half-deck provides extra impact resistance on the deck. Soft Slick bottom material provides a smooth bottom finish with in a material that is tough, wear resistant and maintenance free. Full EVA deck for a soft, comfortable touch. Fish-scale traction grooves are used in the most important areas. Soft sponge bumper for your own safety.

Avantages: light, safe, comfortable, low maintenance

Availability: SUPER



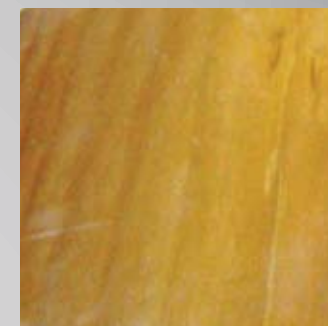
ARMOUR TECH

Starboard's super durable and super tough technology designed for windsurfing clubs and schools. According to testing by German SURF magazine in May 2009, Armour Tech is lighter and stronger than blow-moulded polyethylene boards like HiFly boards and also has higher impact resistance.

Advantages: replaces blow-moulded polyethylene boards with something more impact-resistant yet lighter

Availability: Rio

Visit our website at www.starboard.com to see the shocking video of Svein taking a hammer to an Armour Tech board.



Without ProTECT film, after several years of sunlight exposure



With ProTECT film: more durability and a longer lasting wood finish.

NEW!

ProTECT – UV protective film

All 2011 Starboard Wood Technology boards come with a protective film that covers the exposed wood area of the deck. This film protects the wood from harmful UV rays to maintain the beautiful wood look. It also improves the bond between the non-slip clear coat and the board to make the non-slip more durable.

New ProTECT film: more durability and a longer lasting wood finish.



WoodCarbon, Wood, Technora weights +5%. Tufskin and Slick weights +6%. Weights are estimates; final weights are not available at time of print and will be updated on to the website. Sail ranges and fin ranges are recommended indications. All specifications are for indicative purposes only. They may be subject to change without prior notice.