



Carbon Reflex

Slalom One 110 Formula One 167

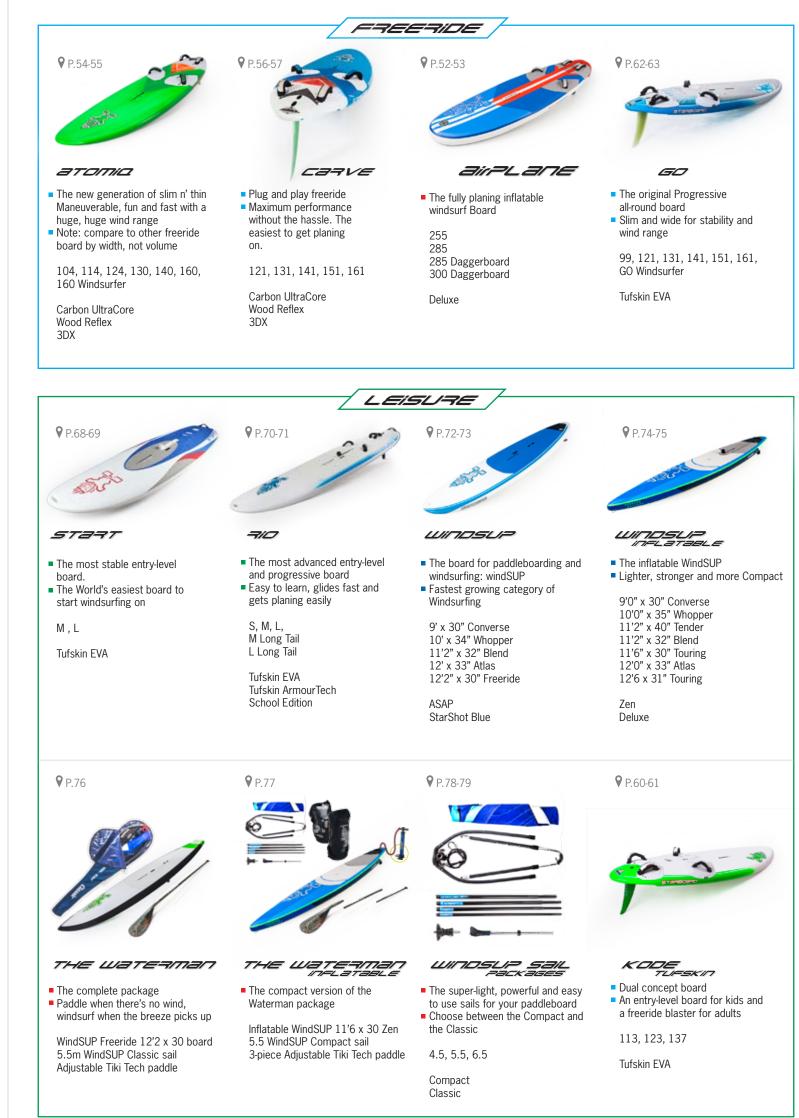
3DX

Boards: 377, 377L Rigs: 6.5, 7.5, 8.5, Raceboard 9.5

Carbon Reflex

Boards: 295 L Rigs: 6.5, 7.5, 8.5

Tufskin



# CALEDONIA

THE WHEEL KEEPS TURINING,

Windsurfing, the first "action" watersport, was in many ways Starboard has been at the forefront of pretty much everything windsurfing the last 20 years and we have won 8 times more PWA constructors titles than any other the main inspiration for SUP and kiteboarding. boards brand.

The pioneer crew who developed the first gear for the new sports were pretty much all windsurf addicts looking for new ways to enjoy the wind and water.

Now the wheel keeps on turning and from kiteboarding we learned that easy transport is important and from SUP the incredible feel of gliding on the water at slower speed resurfaced.

From the inflatable SUP development were able to create fully planing inflatable windsurfing boards changing the future of our sport. Our collapsable rigs take 1 We realise that we have a responsibility within our sport and support hundreds of minute to put together and the incredible inflatable Airplane boards logs well over athletes and lots of events to ensure that windsurfing lives on in the spirit of Jim 30 knots. Drake and Hoyle Schweitzer, whom the sport and Starboard owes a lot of its success.

Have you tried one of those thin and wide Atom boards, revolutionising freeride with easy jibing, speed, control and early planing? We initiated that development 6 years ago and now its all happening. Trends can be slow to create and not all great concepts are accepted timely.



Lake Taco, home of Starboard. Let's get kids into the water with paddle in hand and upgrade them with rigs when they have enough water safety experience. Thanks to the SUP Kids team for their initiatives and environmental awareness.

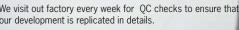
Jean Louis Colmas and Svein Started working together in 1986 That's 30 year of sharing the future of windsurfing.

loping non oil based board packaging and should have done it 20 years ago.

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TAN

BAT I HE C





Can we use NUT shape outlines in Windsurfing? Design, build and test, re shape , re test and next year you will know!

Is it soon time for a major break through in One design windsurfing?

We visit out factory every week for QC checks to ensure that

Tiesda You and Remi Vila continue to push the boundaries with new concepts. It's all about people and the Starboard team invests into more development than any other brand I can imagine.

Thanks to our development crew, Scott McKercher, Dany Bruch, Philip Koster, Antoine Lefebvre, Fabian McGovern, Cyril Moussilmani and Albert Piojan for trying a bit harder all the time.



Looking forward.

Svein Rasmussen, N1.



Each year, a new Starboard collection typically brings with it one or two new innovations. Take the GO board in 1998 that introduced the wide-style boards to the World, the Start in 1999 that made learning to windsurf in 60 minutes possible, or the Evo that invented the superhero wave board in 2000 for example.

There was the HyperSonic that reignited Slalom in 2002, or the UltraSonic that made freeriding in light winds possible and the Formula that defined a new era of modern Course Slalom.

2010 saw Starboard introducing the slim board concept with the Atom. 2012 was the year of the Phantom's Bat Wings and 2013 saw the invention of Inflatable WindSUPs,

Some of our off-the-wall concepts became classics, like the Serenity that helped break perceptions of what lightwind windsurfing can be. Or the Compact, our first concept aimed at making windsurfing more compact. People still share some of their best windsurfing moments on the tandem Gemini, an original Jim Drake innovation.

As recently as 2015, we introduced the Long Tail concept that takes the pain out of planing.

For the single year of 2016, we're proud to introduce two entirely new innovative board ranges in the Reactor and the AirPlane, a new construction technology breakthrough that is the lightest in the World with UltraCore, and the revolutionary Rail Edge technology for Inflatable WindSUP boards.

Together with our team of World Champion riders, our World's leading R&D team and with our global network of distributors and retailers, as you browse the pages of our catalogue and of our new website, I hope you'll enjoy discovering all that's new for 2016, and what makes them the most advanced, highest performance windsurf boards.

Welcome to 2016, our most innovative year.

Tiesda You Designer / Brand Manager



From growing up windsurfing and shaping boards in Qatar at the age of ten, Tiesda went to graduate in Mechanical Engineering with honours from University College London. Since joining Starboard fifteen years ago, Tiesda's unique understanding of fluid dynamics and the mechanics of windsurf boards led to designs such as the HyperSonic, the iSonic, the Long Tail concept, the thin Atoms, the Serenity, Windsurfing Cats, today's new AirPlanes and more.







Joe Dumrongvivat Starboard Group GM, sales and logistics. Starboard's first employee and the man that makes Starboard operational wheels turn. 20 vears at Starboard.



lan Fox Starboard World President & Starboard Australia. The sharpest man in the team, two steps ahead of everything from board designs to market trends. 15 years at Starboard.



Remi Vila Refinit VIIa Starboard design and development. Remi covers the racing, freeride and technology programs, channeling input from our pro team riders and finding the mm and grams that keep our boards at the top of the podium. 15 years at Starboard.



C'S Clement Morandiere Starboard International Sales. The bridge between the beach, the shops and our HQ team, bringing fresh ideas to push innovation further. The man in

Waterman.

(Nitiroj Chawale







Arnon Saison Starboard's production manager and brand The most reliable and most experienced member of the Starboard HQ team, keeping it all together and the the cogs well oiled. 10 years at Starboard.





Cameron Frost

Kevin Pritchard Video and AWT Champion





John Carter has provided Starboard with the best photos since our very first photoshoot. We're always counting on Jerome Houvvet for his unique water photography. Johannes and Kevin are the best windsurfing film crew. Find out more at MauiNerds.com. And introducing Cameron Frost, Starboard's first in-house videorapher. Visit Star-board.com to see all the new Starboard videos.



Scott McKercher Starboard design and development. Wave board designer: Quads, Kodes, Reactors



Dany Bruch Starboard design and development. Wave board designer: Reactor and Kodes



Taty Frans Starboard design and development. Freestyle board designer





Special Thanks:

Karen Baxter and Shawneen Schweitzer for their awesome support during our photoshoots.

Jibe's windsurfing club in Mui Ne for hosting us during testing season. It's a great place to windsurf, google it.

Pio Marasco for some great fins.

Mark Stone for his experience and insight in wave board design.

Connor Baxter and Zane Schweitzer for pushing the SUP side









Antoine Lefebvre A multi-talented project manager covering online media, board design, board testing, price control, product guides and photoshoots.



Tor Bakke Phantom 295. The man in charge of the Phantom 295 One Design racing class.





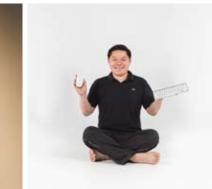
# Fabian McGovern Project and Team manager, Press and Media. Designer tester managing the world's largest and winningest windsurf team, supplying magazines the world over with windsurfing photos, news and stories.



Mathieu Rauzier Starboard's specialist designer on Inflatable WindSUPs, with expertise on drop-stitched fabrics, fused PVC laminates and laser welded seams.



The Starboard workshop team The very best shaping team in the world, shaping and developing the most accurate prototypes.



Arwut Sanpatchaya Turbo graphic designer: catalogues, specifications and 3D renderings. The fastest and sharpest artist on Illustrator.



Lei Angelic Abinan Graphic Designer: product guide, web banners, advertisements.



Kiri Thode PWA Freestyle Champion 2013 3rd Place PWA Freestyle 2014



Cyril Moussilmani PWA Slalom Vice Champion 2014



Gonzalo Costa Hoevel Formula World Champion 2014



Sarah-Quita Offringa PWA Womens Freestyle Champion 2014



Philip Koster PWA Wave Champion 2011 & 2012



Boujmaa Guilloul 1st Place Starboard Severne AWT Aloha Classic 2014



The very best team of windsurfing athletes in the World, winner of more PWA Constructor's Championship titles than all other teams combined.

201420132012201120092008StarboardStarboardStarboardStarboardStarboard Fanatic Tabou Fanatic Fanatic Fanatic Patrik RRD Patrik



Tabou

RRD















Fanatic

Tabou

F2





Dieter Van der Eyken 4th Place PWA Freestyle 2014





Ilona Grinberga Raceboard World Champion 2015









Kevin Pritchard

Patrik Pollak

Kurosh Kiani

Anne-Marie Reichman Dopper Ambassador

Tiffany Ward





Jordy Vonk

Tristan Algret

Ethan Westera





Sean O'Brien

Chris Murray

Timo Mullen





Fabio Calo Italian Wave Champion 20





Roberto Hofmann **Enes Yilmazer**  Aron Etmon



Iballa Moreno PWA Wave Champion 2014

Bjorn Dunkerbeck PWA Slalom Vice Champion 2012



Daida Moreno PWA Wave Vice Champion 2014

Jaeger Stone Lancelin Ocean Classic Wave Champion 2015





Fanatic

Mistral

F2





Oda Johanne PWA Freestyle Vice Champion 2014



Maaike Huvermann 3rd Place PWA Freestyle 2014 PWA Youth Freestyle Champion 2014



Bjorn Saragoza



Katie McAnena Irish Wave Cha



Jimmy Diaz



Moritz Mauch PWA Youth Wave Champion 2014



Phil Soltysiak



Antoine Questel



Laurence Carey New Zealand Slalom Champion 2015



Raimondo Gasperini



Finn Mullen



Mattia Pedrani



Chris Pressler



Fiona Wylde



Connor Baxter



Zane Schweitzer



Alberto Menagatti Among the World's most talented windSurfers. A true Champion. A friend. A Legend. ITA 4.

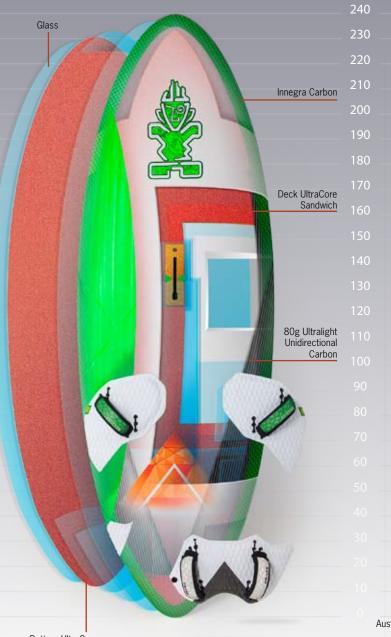








Price



Bottom UltraCore Sandwich

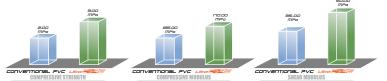
### CARBON ULTRACORE

The World's lightest windsurf board construction.

10% lighter, 30% stronger, UltraCore is a new mechnically superior sandwich core that allows the AtomIQ, Futura and Carve Carbon edition to become lighter yet keep the same strength and toughness as before.

An ultra-light uni-directional Carbon layer adds extra crispness and rigidity in the planing section of the board. The Carbon Innegra rail band adds a rigid frame that brings further stiffness while increasing impact resistance along the sides of the board.

Starboard's new technological breakthrough.





### **CARBON WAVE EDITION**

Starboard wave boards are built in Carbon Wave Edition with flat-laid filaments instead of woven filaments: stiffer, more effective and lighter than regular carbon weaves.

The deck, acting mostly under tension, uses T700 Biaxial Carbon at  $45^\circ$  for a responsive flex/reflex and for cushioned landings.

The bottom, acting mostly under compression, uses a dual density, double sandwich PVC core plus a layer of 0.6 Australian Pine Wood for maximum resistance to buckling.

Unidirectional triangular reinforcement carbon and Biaxial tough glass patches extends from the tail to the mast track to help against rail cracks.

## REFLEX WOOD (WAVE EDITION and FREERIDE)

Glass

Australian Pine Wood 0.6mm

PVC Sandwich - Outer Core

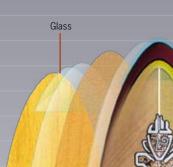
PVC Sandwich - Inner Core

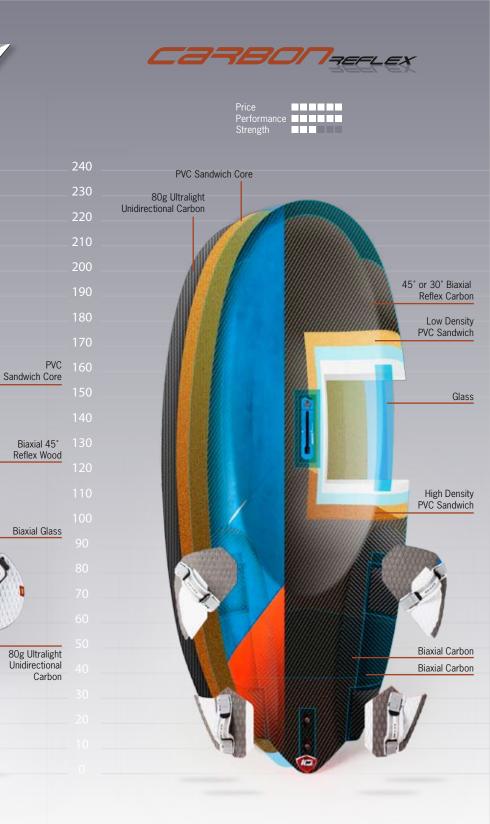
Developed by Jean Louis Colmas in 1984, Wood Technology became Starboard's trademark construction in 1995. Wood Tech remains a favourite for riders preferring more comfort, more control and the unique feel of an original Starboard.

The Wood Reflex Wave Edition uses the same double sandwich, dual density layup as the Carbon models with the deck carbon layer swapping for a 45° Biaxial Reflex Wood: more feel and more flex.

The Wood Reflex used in freeride boards has a true 0.6mm Australian Pine Wood sandwich bottom with a full 3mm PVC Biaxial Glass sandwich deck for a light, crisp and stiff feeling none-sandwich bamboo-based boards can't match.

A Carbon Innegra rail band adds a rigid frame that brings further stiffness while increasing impact resistance along the sides of the board.





### CARBON REFLEX

Carbon Reflex designates a racing construction that uses  $45^{\circ}$  or  $30^{\circ}$  Biaxial T700 flat-laid Carbon on the deck combined with a dual density PVC sandwich core and ultralight unidirectional Carbon on the bottom.

Some boards use  $30^{\circ}$  weaves, some use  $45^{\circ}$  degree weaves and others use a combination which also includes unidirectional ( $0^{\circ}$  weave) carbon, to achieve tailor-made reflex response according to the boards' length, thickness and wind-range.

Carbon Reflex are our lightest and most responsive feeling boards. Unlike ultra-stiff Carbon boards of previous generations, the Carbon Reflex flexes and responds to give a fast, efficient and comfortable ride.

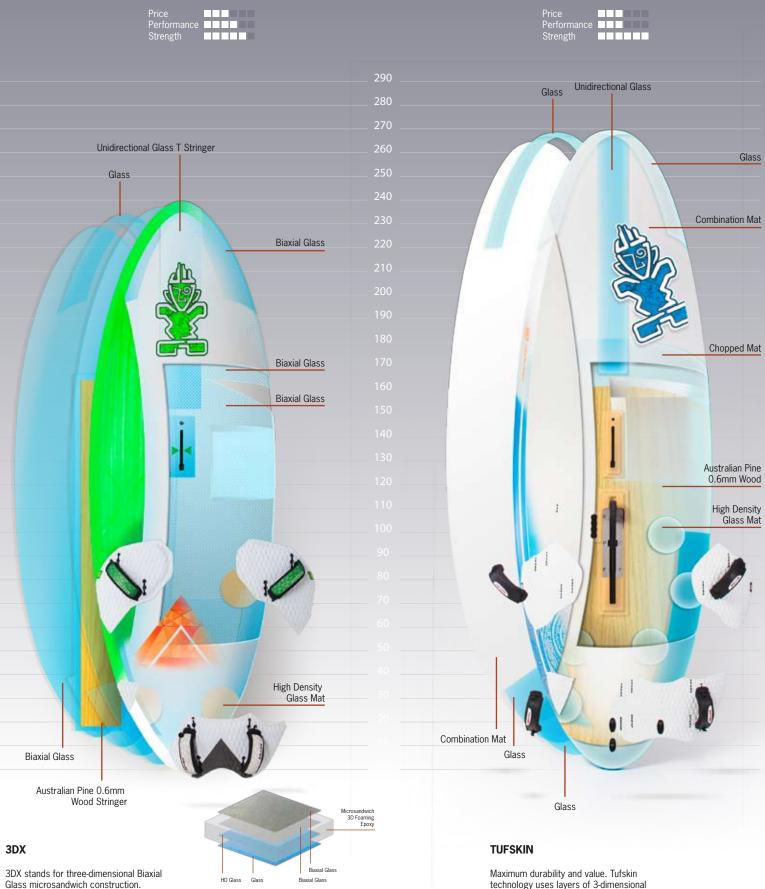




Glass

Glass Mat





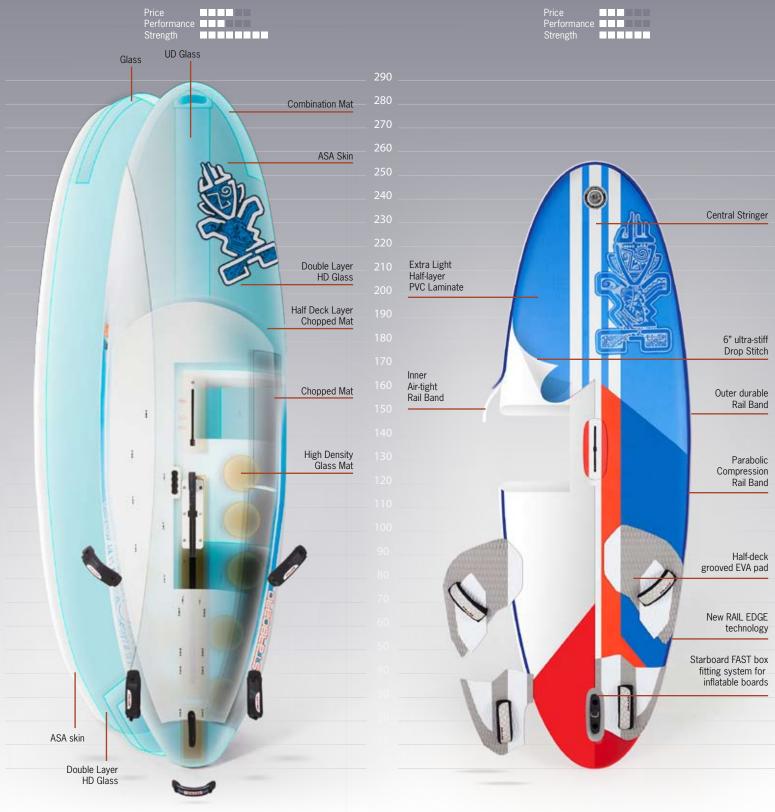
Both deck and bottom are wrapped in 45° biaxial glass fibre wetted out with an expanding foam epoxy cured under high pressure. The biaxial glass gives a crisp, stiff feel with flex for choppy conditions. The foam epoxy creates a 2mm skin thickness for a microsandwich effect: tough and strong.

A unidirectional glass stringer in the nose stiffens the board for an extra crisp feel. A 0.6mm Australian pine wood flat-stringer on the bottom brings shape stability, a stiffer feel again and high resistance to buckling under compressive loads.

The 3DX result: durable tough boards that feel crisp, sharp and fast on the water.

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. Wood reinforcements improve the board's rigidity and the deck's impact resistance.

A full EVA padding covers 3/4 of the deck for added comfort.



### ARMOUR TECH

Starboard's super durable and super tough technology designed for windsurfing clubs and schools. Its construction is similar to Tufskin, but with double the layers of 3D glass and an ASA skin shell.

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.



## **INFLATABLE (AIRPLANE, ZEN & DELUXE)**

Deluxe and AirPlane Inflatables use a 6" thick drop-stitch core for maximum stiffness and performance. The Zen models use 4.75" thick drop-stitch for a lighter weight.

All Inflatable techs include a double layer rail construction: an inner air-tight rail band covered by a thicker, more durable outer rail band.

The Deluxe outer rail band includes a stiffer, lighter Carbon hybrid band in the mid-section for added stiffness.

A parabolic compression band and a full-length central stringer finishes the construction, defining the rocker of the board and preventing twist.

The new Rail Edge tech combined with our proprietary FAST box and Clipperbox fittings, the new Starboard Inflatables are changing the game: for their size and volume, no hard board can match their weight, strength and durability.

Technically the world's strongest, lightest and most compact technology, all in one.



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Scott McKerche

Malin Körne

Jany

Milan Kir

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### New FAST Clipperbox system:

A full-size, fully retractable daggerboard system for inflatable boards. The FAST Clipperbox fits into a matching hole in the board, where wall pressure presses and holds the box firmly in place. With its full-length size and full length rubber lips that seal the opening when the daggerboard is retracted, the Fast Clipperbox lets the AirPlane and Inflatable WindSUPs plane up with performance levels equal to conventional hard boards.





The new tool-free, fully retractable Clipperbox system: the new daggerboard moulds the handle and blade into one piece for a stronger design. The daggerboard can be removed from the board without tools, by positioning the daggerboard at 45 and pulling up. The new rubber lips can be removed and replaced easily also without tools. Featured on the AirPlane, the Inflatable WindSUP Deluxe, the Rio, the Start, the GO Windsurfer and AtomIO Windsurfer.

FIT and FUNCTION

### Slot Box 5th Generation:

designed to be extra light, weighing 70% lighter than a US box. The Slot Box 13 has 3cm of adjustment room and current US based fins can be cut to fit. The Slot Box 10 trades the adjustment for a completely flush fit. Custom-manufactured bolts fit the same screwdriver as your footstraps, making them effective against sand, keeping the system simple and hassle-free.



New: strip resistant, rip resistant, twist resistant T-shape brass inserts makes Slot Boxes stronger against reef impacts than a US Box.

### Drake UltraLight footstraps:

99g dry weight, hydrophobic EVA construction for zero water absorbption, saving up to 232g dry and 676g when wet. Featured on the iSonic, Futura, Formula, Slalom One and Formula One.



### **Dry Calculation:**

1x Slick Strap: 127g 2x Screws and washers: 30g Total for four straps: 628g

1x UltraLight Strap: 55g 2x Screws and XL washers: 44g Total for four straps: 396g

Saving: 232g

Wet Calculation:

1x Slick Strap: 249g 2x Screws and washers: 30g Total for four straps: 1116g

1x UltraLight Strap: 66g 2x Screws and XL washers: 44g Total for four straps: 440g

Saving: 676g



**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.

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

FAST Mast Track system: A fully-integrated mast track system for the AirPlanes. The FAST Mast Track fits into a matching hole in the board, where wall pressure presses and holds the box firmly in place.

If the rig applies extreme force on the board say in a catapult, the FAST Mast Track will pull out from the board before damage is done to the board: a safety precaution to avoid the board deflating at sea.





FAST Tuttle Box system: This box uses the same principle as the FAST Mast Track and FAST Clipperbox to fit a tuttle fin into your AirPlane board. The fin box fit is strong and stiff because it uses the full depth of the 6" drop stitch, connecting the rider directly to the fin like conventional hard boards.

### Drake Wave Straps Mk IV

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 Candy Colour top finish, available in Quad Blue, Flare Green, Kode Orange, Reactor Orange and White.



### Offset Footstrap washer:

Extra thick for a firmer grip without bending under pressure. Offset hole: turn the washer 180° and your straps will be tighter by 2.5mm.



7x32mm Footstrap Screws: Starboard's extra wide footstrap screws increase the overall strength of this connection point. The screws will neither snap nor rip out.





### Drake Slick Straps MkVI:

Narrower freeride/slalom straps. Built similar to the Wave strap with a softer flex and a narrower body. Size Indicator Tabs makes strap sizing a breeze.

New Candy Colour top finish, available in Carve Blue, AtomIQ Green and Racing White.



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. No twisting means better control, better feel and higher safety. On the most heavy-duty boards, the K9 system is replaced with double-screw strap inserts for the back strap: no twist and super strong.



Fish Scale Pad: unidirectional traction that grips when pushing into the straps, and releases when pulling out.



**Contoured Sponge pads:** super comfortable fish-scale pads with a 5mm sponge underlay that also exaggerate the deck dome for maximum grip and comfort. Featured on Kode FreeWave, AtomIQ and Carve.



### Heel bumpers: cushion landings, protect the board from heel impacts. Featured on the Ouad.



### **Dual Density Thick pads:**

softer inside layer for comfort and a grippier upper layer. Total thickness of 11mm gives a nice high ride. Featured on the Quads and Kode Wave.



















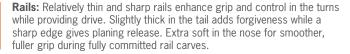


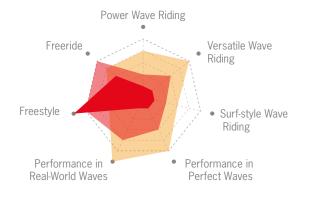


to watch this year." WIND Magazine - Wave board Test 2014









riders to look for ramps to jump. Whether you're doing chop hops on flat water or a loops in waves, the Kode FreeWave does it all." Windsurfing Jahrbook









## Fast racing machines designed for the highest top speeds and the highest average speeds, for the quickest accelerations and powerful overtaking abilities throughout a wide wind range.

As tradition demands, Starboard's 2016 iSonics have been upgraded across the range with all-new shapes, with Starboard's largest test and development program verifying performance in the different conditions of Vietnam, Maui, Thailand, New Caledonia and Marseille. The new shape evolutions aim to transfer mechanically more power from the sailor to the board in the light-medium wind models, gain efficiency with new rail shapes and new wetted-surface area designs on key models.

- **1 134, 124, 114 :** 7mm higher rails 0 to 120cm. New deck shape for the back foot to get more toe-pressure: earlier planing, more acceleration and higher top end speed from increased leverage.
- **2** 134, 124, 114, 107, 97, 90, 87: sharper rails at the critical 45cm area of the rail. This improves water release for more efficiency - for faster top end speeds, a better ability to plane through lulls, more bite upwind and more power reserve for overtaking.
- **3** 124, 114, 107, 97: new deck shape in the jibe area for more jibing comfort, more toe-pressure and a faster exit from the jibe
- **124:** shorter by 2 cm. The length of the rockerline's tail flat is increased by 5cm. 1.5cm wider outline and keeping the narrow tail end: the model with the most performance progression over 2015
- **5 114:** 1.5cm wider outline and keeping the narrow tail end: second best progression and exact same feeling on the water as the new 120.
- 6 97: 5mm lower rails for added control and easier, faster jibes. 1.5cm wider outline for earlier planing, more acceleration, higher top end speed.

- **7** Low nose concept: for reduced drag and added control
- **Double Winger design:** improves water release for higher speeds and allows the tail outline to be narrower.



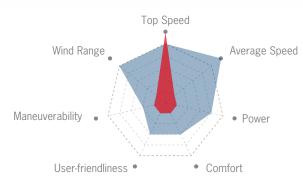
- **Deep deck concave for more control,** a more vertical sail position and to help close the gap between the foot of the sail and the deck of the board.
- Heel extensions allow the board to be powerful and ergonomic under the feet and extra-narrow in the tail for a most efficient planing surface.



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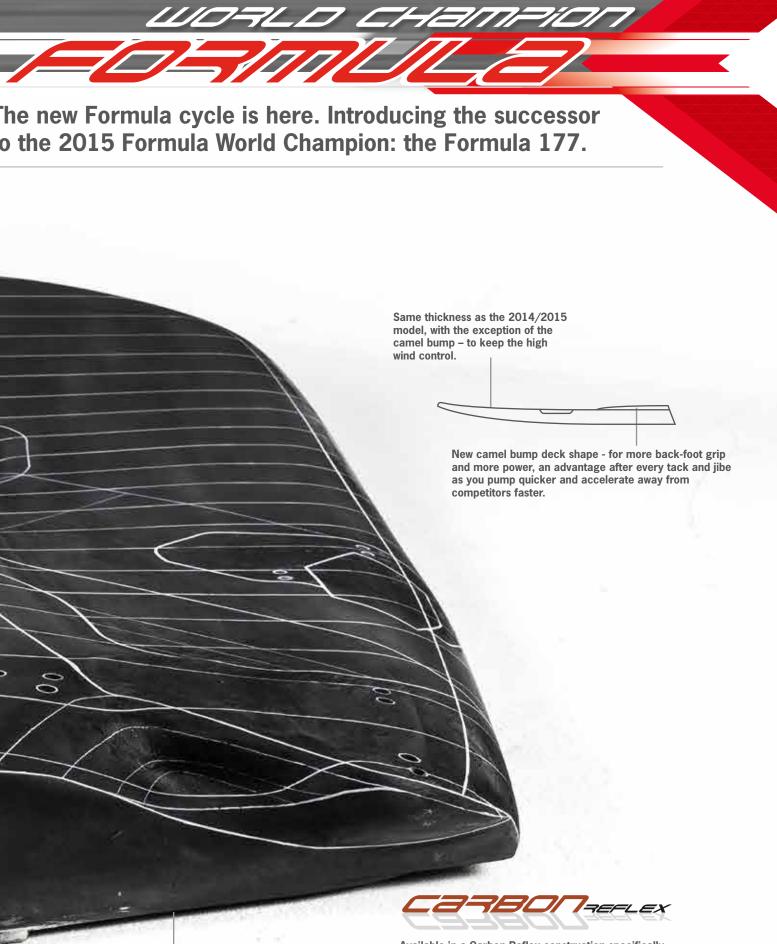


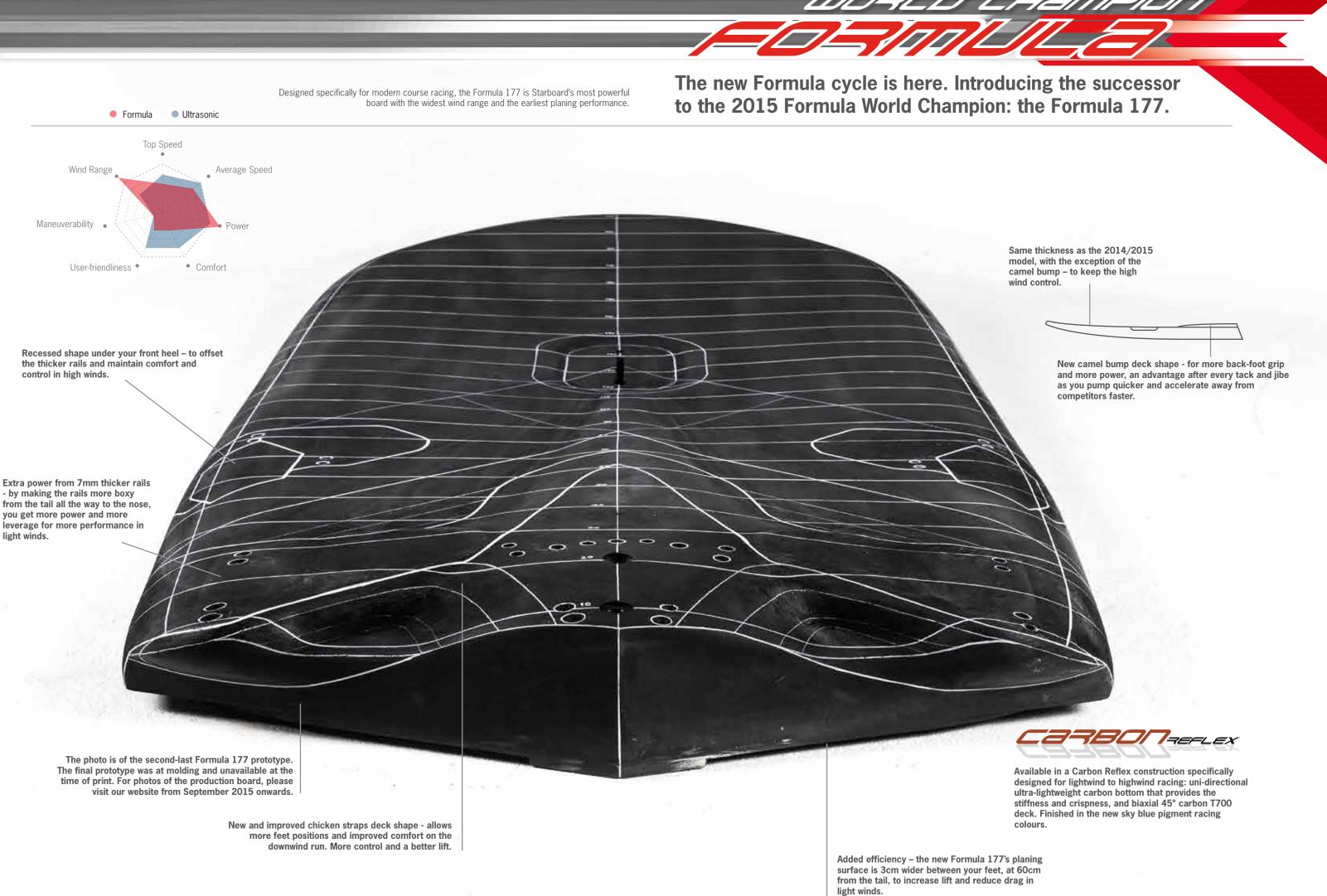


The **iSonic Speed W49 & W54** design by Carlos Sosa and Bjorn Dunkerbeck continue into 2016. They are the choice for the Bjorn Dunkerbeck Speed Challenge and matching respectively with 5.6/6.2 and 6.2/7.0 size sails.

iSonic Speed Specials iSonic overlapping-rail-wraps for maximum stiffness while the iSonic Speed Slalom 80 is built in Carbon Reflex for slalom. The iSonic Speed Slalom 80 is also available in Wood for more comfort in stormy slalom conditions.

This board was developed by the Dream Team of Rémi Vila, Ian Fox, Cyril Moussilmani, Jurjen Van Der Noord and Bjorn Dunkerbeck. 5cm more compact, shorter and wider and integrating mini-cut-aways to get the best acceleration as possible before the start line and with a very low wet surface to get the best speed as possible.





**2**42



the World: Formula One and Slalom One.

The 3DX technology, using a biaxial glass fibre structure with an expanding foam epoxy, gives the boards durability and affordability that feel crisp, sharp and fast on the water. Formula One and Slalom One packages are supplied with Drake fins from their top-of-the-line Ready to Race series and Severne HD hardware.



167, the reigning 2015 Formula World Champion shape with Gonzalo Costa Hoevel. The flat in the rocker is 90 cm long for maximum accelerations in all conditions, particularly lighter winds Cut-away shapes with deep side-cuts to reduce the wetted area, improve acceleration on to the plane, upwind tracking, top-end speed and for a freer ride Bullet-nose design: a 3cm lower angle of attack for less nose drag, easier and quicker acceleration out of jibes and back on to the plane.

ergonomic heel recesses to apply more lift on the downwind runs and for more comfort

> The 84 cm tail width is chosen for a balance of power, versatility and control.

Lowered mast track improves control and makes your rig position more vertical, which helps to hold your board down and maintain mast foot pressure

For Formula racing, the three-cam FS One sail sizes are 11.5m and 9.5m.

The slalom rigs are Starboard twin-cam FS One, available in 6.5m, 7.5m or 8.5m sizes.

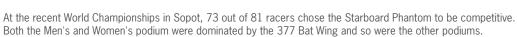




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Raceboard

Starboard's Raceboard rockets, the Phantom 377 and 377L Bat Wing need no introduction.



Congratulations to Maskymilian Wojcik for retaining his World Raceboard Champion title, to Piotr Nowacki for his Vice-Champion title and to Daniel Blinnikka for completing this prestigious podium.

World Champion Compliments as well to Ilona Grinberga, reigning World Champion, Aleksandra Blinnikka, Vice-Champion and Krystyna Soltyka, bronze medalist.



At low speeds, the Bat-Wings sink below the water to allow the water to flow around the narrow, streamlined section of the tail. The board glides with a smooth water exit off the tail.



In slightly more wind, the board starts to lift on to its rail, so one wing lifts out of the water while the leeward wing continues to travel below the water surface, acting like an extra fin.



As the board increases speed with in more wind, the wide planing surface starts to generate lift, allowing the board to transition smoothly into planing mode. Because the wings are wide, the planing surface is wide. So the transition into planing is happens earlier than other narrow-tail raceboards.

In full planing mode, the board planes high above the water, rides fast and free, allows for deeper fins to be used and for deeper upwind/downwind angles to be reached.

Custom made 30 degree Biaxial T700 Carbon deck and 45 degree Biaxial T700 **bottom construction:** a unique combination of Reflex response adapted to the longer length of a raceboard.

### The new pigment blue finish mixed into the Carbon laminate improves the board's resistance to UV light



**\$**46

**Outline concept:** reduced width at 66.8cm for improved glide and improved railing effect, combined with Bat-Wing tail design to still gain in early-planing and upwind power

Slanted adjustable mast track: the front section is raised, helping the board to roll up onto its rail quickly in lightwinds. The back section is sunk below deck level, to improve control in full planing mode

The L model adds 3cm extra thickness for added volume, ideal for heavier riders. The thickness in the tail, under the back foot in reaching position, remains the same as the standard 377 to maintain control in full planing position. Phantom 377: recommended for sailors under 80kg Phantom 377 L: recommended for sailors over 80kg

**295L** TUFSKIN 2ST **WWW.PHANTOM295.com** L: 295

The Phantom 295: a fun, social and affordable racing package that covers the widest range of conditions and the widest range of riders, young and old, big or small. The missing link between the junior Techno class, the RS:X, Formula classes and PWA racing; the most high-performance package for the ISAF R300 class.

"A nice balanced gliding feel upwind in light winds. As soon as a little breeze comes the rail wants to angle itself up deliver exciting railing sensations. With a bit more wind the daggerboard retracts and the hull planes up early with great power around the tail part, delivering an enjoyable and fun upwind ride. On the reach the revolutionary winger concept creates a lift and amazing sailing sensation which makes the Phantom 295 the most versatile board in the history of Starboard. The Phantom 295 is a pet project that we are very proud of and wish to share with freeriders and regatta sailors the world over." **Svein Rasmussen** 



HE MISSING LINK

Starboard Phantom 295I, Venom 54 fin Starboard Phantom Race 6.5, 7.5 or 8.5 Starboard One Design Mast 430 or 460 or 490 Severne Alu Race Boom 190-240 or 220-250 Severne HD 36 Extension Phantom Universal Joint Starboard Race Uphaul Line Optional Components Starboard Travel Bag Phantom 295 / 295 L Starboard Phantom Sail Rig Bag Package MSRP: 2299 Euros

8.5

L: 496

**Daggerboard is 6cm longer** compared to the original Phantom 295 for better lightwind performances and upwind capabilities. The fin is 4cm longer for upwind performances in planing conditions. The new, longer fin also provides quicker acceleration.

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**Fin:** CNC G10 Venom 54cm fin design by C3

New outline: to better absorb

3cm thicker in selected areas to

the chop as well as increase

planing performances. Up to

boost light wind performance

and allow the board to lock on

the rail quicker and easier.

PHANTOM PHUKET







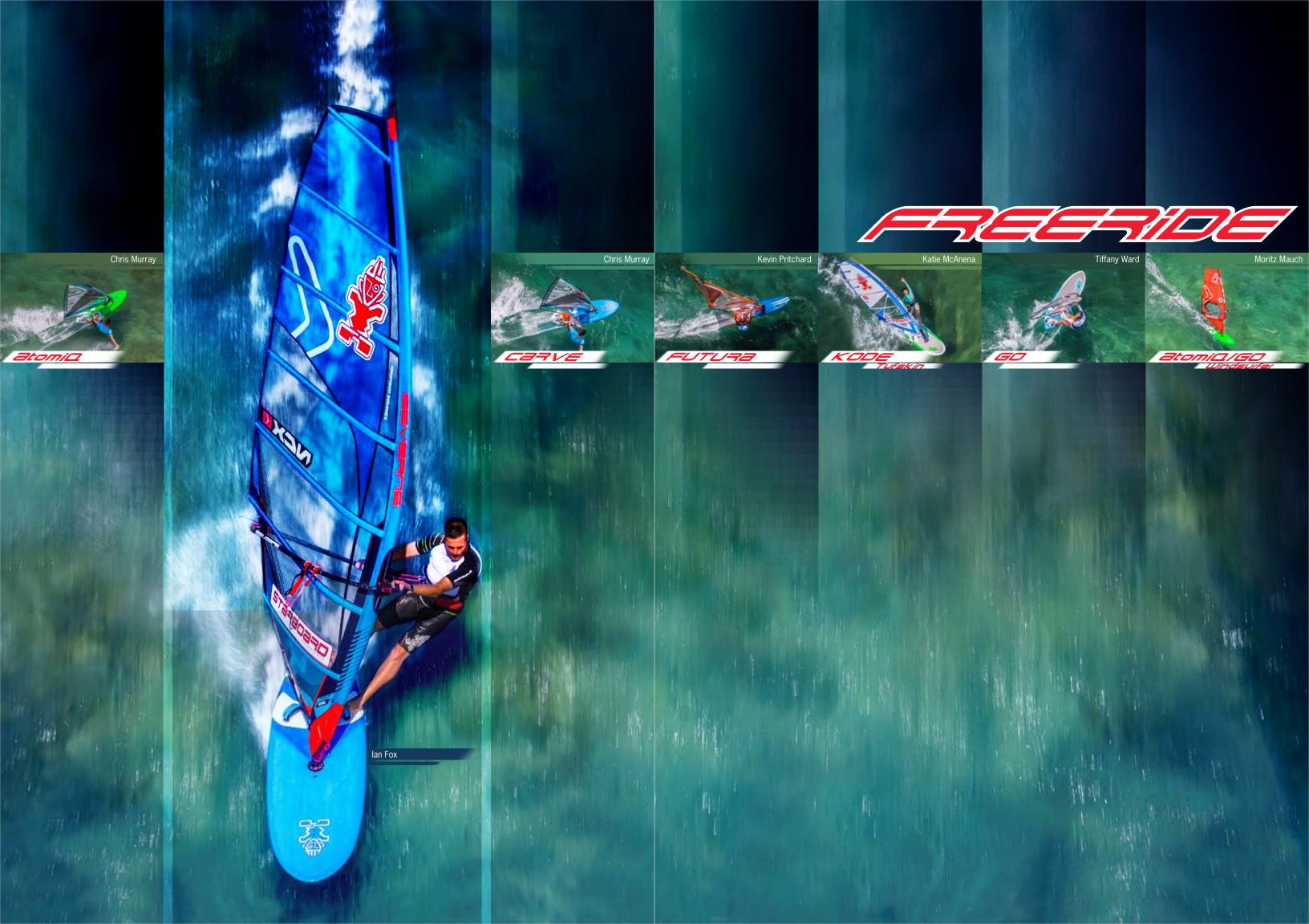
New and improved daggerboard cover

- Ultralight footstraps

**Bat Wings:** a wide planing surface at high speeds, reduced drag at low speeds. Earlier planing + Improved upwind tracking + Wider wind range + Larger fins can be used

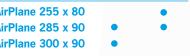
**New 'L' size for 2014:** More thickness, more boxy rails and more volume in the middle section, to expand the appeal of Phantom racing cross a wider scope of windsurfers.

**Slanted mast track:** extra railing-leverage in light winds, more control in highwinds













Slim, fast and with the wind range of two classic freeriders, an AtomlQ takes the complication out of windsurfing. For 2016: new 104, 114 and 124 shapes, and introducing the new, World's lightest UltraCore Carbon board technology.

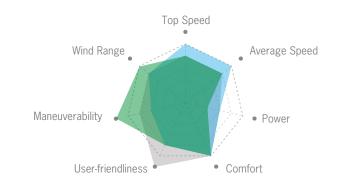
- **1 New shapes:** the 104, 114 and 124 are all new wider shapes with a narrower surface behind the back foot and more deck dome in the tail for added comfort.
- **2 Outline:** compact and short for minimal swing weight, quick reactions and more control in high winds.
- **3 Rocker:** all AtomlQs use Starboard's universal rocker, first used in the iSonics. This magic rocker is the core ingredient for the AtomlQ's blend of speed and control with an efficient, flying sensation.
- **Profile:** 10cm thin in the mid-section minimizes excess volume, lowers the board's centre of gravity and sheds excess float for more control and a wider wind range. For 2016, the new shapes have 1cm of added extra dome just under the feet, in the tail, for added comfort and grip.
- **5** Advanced windsurfers: choose the AtomIQ that is the same width as your current board, for enhanced effciency. Progressing windsurfers: choose the same volume as your current board, for more stability.

**6 UltraCore:** The World's lightest windsurf board construction using a new Starboard proprietary sandwich core material with up to 50% higher mechanical properties. A unidirectional Carbon layer adds extra crispness and rigidity in the planing section of the board. **Wood Reflex:** a full PVC Sandwich Core deck construction with Biax Glass for reflex and an Australian pine wood bottom for the unique Starboard Wood feel. Both techs include a full perimeter **Carbon Innegra** rail band that creates a rigid frame and increases rail impact resistance.

**7** Wind Range: combining their slim profile with the compact outline, an AtomlQ covers a massive wind range. With a deeper fin and a larger size sail, the AtomlQ's width will generate power and efficiency in lightwinds. With a smaller fin and a smaller sail, the AtomlQ's control carries into higher winds. Your sail will overpower you well before the board reaches its limit.

**8** New fins: new Freeride Power CNC G10 fins with a thinner tip profile, an upright rake and a thicker base. For maximum stability and traction.

**9 AtomlQ 160 special:** this model is based on the 140 and stretched 20cm longer for more lightwind glide. The 3DX model has a tuttle centre-fin system, making it an ideal all-round board covering learning, progressing and planing freeride fun, with adults as well as kids.



"A class act, combining near slalom like potential with a level of ease and practicality that makes it applicable to most. It delivers such a stunning performance. Early planing, it accelerates smoothly yet rapidly, exhibiting a perfect balance of excitement and control. **Highly recommended.**" Windsurf UK Freeride Group Test, 2015



1

Jurf Highest Score 3



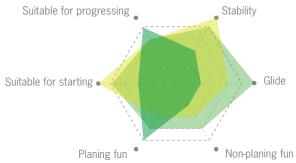












\$60



**99** L: 216 U: 76.3 
 I2I
 I3I
 I4I
 I5I
 I6I

 L: 252
 L: 252
 L: 251
 L: 254

 W: 72.5
 W: 75.5
 W: 79.5
 W: 81.0
 W: 85.0

TUFSKIN EVa

The GO: Starboard's iconic range of progressive freeriders. They are the original, comfortable, stable all-round designs that have ushered in modern windsurfing by making it easy to progress, from beginner to advanced. They're about getting planing, hooking into the harness, learning to waterstart, learning to windsurf with speed and power and mastering the carve jibe.

The new GOs have been upgraded to share the same modern slim shapes as the Carve range: 8% slimmer, they offer a wider wind range with more control in high winds and more power in light winds.

With their new extra width comes more stability and earlier planing, and the ability to use bigger sails and deeper fins.

With reduced thickness comes a sharper, more race-like sensation and improved control in higher winds.

- 4 Footstrap positions for every level of sailing: beginner, intermediates and advanced
- **Full soft EVA deck:** comfortable for your feet, knees and elbows. You get lots of grip without the cuts or rashes. 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.
- **Two carry handles:** one in the centre to carry under-arm, and one in the nose.
- New longer cut-aways for reduced drag and higher speeds with quicker acceleration.
- All GO boards include G10 CNC-milled Freeride Power performance fin by Drake, with a thin tip for flex and smooth, fast ride.

The 151 and 161 models include a centre fin-box: perfect for fitting an extra centre fin that allows beginners to stay upwind.

77

"The GO is the most complete board in the category that will satisfy the struggling beginner just as much as the planing beginner and the expert. It's a board you'll hang on to for several years, with the outstanding feature of a soft EVA deck that will accommodate those who fall a lot. Another important point is that the board will allow you to rig smaller sails than the other boards in the test group, down to a size of 5.5. The turning radius in a carve can be tight, and the board is more playful than the test group's average." PlancheMag Special





atomiQwinosufer 30x L: 257 W: 89.0

The AtomIQ Windsurfer: starting with the AtomIQ 160 shape that has added length and volume, we have a modern freeride shape with an amazing jibing ability for its size. It's quick and easy to plane, with a wide wind range and a fast, fun ride. With its supplied fully-retractable daggerboard, it transforms to offer glide in light winds, stay upwind, help its rider progress and share windsurfing with new beginners.



# AtomIQ to make them extra-versatile,

- **1** New precision CNC milled G10 Freeride Power fins
- 2 Full EVA decks for comfort
- Choose the GO Windsurfer for more volume and more length, making it ideal for beginner-orientated progressing windsurfers.
- Choose the AtomIQ Windsurfer for a modern fast, fun board that jibes like a dream. Ideal for more

The GO and AtomIQ Windsurfers add a daggerboard to the largest GO and the largest from lightwind conditions to windy planing conditions.

> 5 Clipperbox daggerboard: clicks in and out without tools. Use the daggerboard to stay upwind and reduce drift in light wind conditions. Remove the daggerboard for more speed and more control in high winds (planing conditions).

- 6 Multiple insert positions for beginner/intermediate/advanced windsurfers.
- <sup>7</sup> Carry handle for easy carrying confident, progressing windsurfers.

The GO Windsurfer: it is one size bigger at 171 litres, with more stability and more volume giving it more emphasis on progressing riders and beginners. Based on the GO 171 shape, it's longer and narrower than the AtomIQ Windsurfer: a more 'classic' design. Like the AtomIQ windsurfer, removing or fitting in the daggerboard allows the rider to go sailing in high winds or light winds.







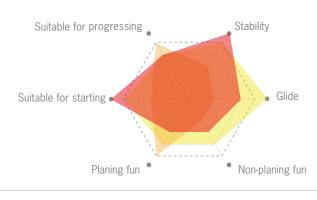




**Contoured deck shape:** - It's easy to feel when your feet are in the correct position - It helps to keep the rider close to the board's centre line: more stability, easier to progress and easier to learn planing windsurfing

The Starts are Starboard's super-stable beginner boards, the easiest windsurf boards in the world. Feature-packed with smart ideas and offering the widest shape in the entry-level segment, the Starts make learning to windsurf and planing in the straps easier than ever.

- **1** New stronger construction with double-layer glass on the botton.
- **2** The Start's tail design is wider than any other entry-level board. This allows the Start to get planing earlier, at lower speeds and with less power.
- **3 Extra long for extra glide:** the Start M and L are 285cm long to give these ultra-stable boards extra glide and longitudinal traction in light wind. With the longer length, the rockerline of the board can be flattened, which also allows the board to transition very gradually into planing mode smoothly and easily, without the need to overcome an overwhelming power surge.
- 4 **Integrated nose protector** to protect the board against nose impacts from the mast.
- **5 Nose and centre carry handles** for convenience. Multiple insert positions offer tuning options for entry level/ intermediate/advanced riders.
- **6 New daggerboard** with integrated handle. New daggerboard case: Starboard's Clipperbox system with a replaceable and ultra-durable rubber lips.



Start
 Kode Tufskin
 Rio

The original ultra-wide 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. Since the original design, many new features have been added to make the Start the most technologically advanced entry-level board.





The Rios are Starboard's entry-level and easy progression boards. They're the most advanced shapes in their segment, including two brand new Long Tail editions, the Rio Long Tail M and the Rio Long Tail L.

The added Long Tail offers even more glide and allows the rider to get planing incredibly smoothly, so seamlessly, like magic. It's an amazing experience to get planing without first having to learn how. By preventing the board from lifting up as the rider accelerates, there is neither energy hump to overcome nor is there any special planing technique to learn. The board accelerates and accelerates and the rider finds himself or herself naturally planing. It's a great sensation.

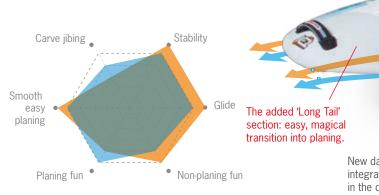
Contour Deck Shape: as the rider progresses and moves back on the board, windsurfing faster and faster and with more and more power in the sail, the feet line up naturally with the inboard strap positions. The deck of the board is specifically contoured for inboard straps, making the Rios the most comfortable and natural board to learn planing on.

Wide Tail: the Contour Deck system allows the straps to be inboard on a wide-tail design. This wide tail helps improve glide and directional traction thanks to more parallel lines. The wider tail also helps create more planing power.

Bat Wings: the extra wide section of the tail is relatively thin, forming what we call Bat Wings. At low speeds, the wings are below the surface and the water flows along a streamlined path. At higher speeds, the tail rises and as the wings break the water surface, a wide and efficient planing surface is created.

Outline: the S, M and L sizes are 276cm, 290cm and 302cm long, giving a smooth fast glide with plenty of directional traction for beginners to develop the right sensations. Their widths, at 78cm, 81cm and 86cm, offer a blend between stability and glide. The Long Tail versions add extra length behind the fin.

- Graphics: the EVA is extra-thick to make it more durable. There is no EVA in the nose and tail area where the boom drags across. The painted blue design is placed above the rail apex where it is less exposed to dings and scratches.
- All Rios are available in Tufskin or the heavier, tougher Armour Tech construction. Recommended for school and clubs, the Armour Tech's double thickness, double layered construction is extra durable. The deck, bottom and rails of the board are reinforced with a thin ASA plastic skin for extra impact and scratch resistance. A non-EVA covered version is also available on order. Rio M Long Tail and Rio L Long Tail also available in School Edition: the same as ArmourTech but all white for easier repairs.



Rio M Rio L LongTail LongTail

Rio Long Tail

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Rio M

Rio S

Rio

0.

Rio L







A wider nose with a lower rocker line further improves glide and also drastically increases stability.

> With boxier rails, stability is further improved and the flat deck area deck around the mast track is larger.

New daggerboard system: Starboard's Clipperbox with a new replaceable and ultra-durable rubber lips system.

New daggerboard with integrated handle. Extra softness in the daggerboard tip adds performance and lift.



# Boards for SUP and windsurfing in one. Paddle when the wind is light and windsurf when the wind picks up.

As windsurf boards, they bring back the essence of relaxed, summer windsurfing: sharing with your friends and family, gliding along the coast powered by a gentle summer breeze and catching some waves. As stand-up paddle boards, stand up, enjoy the view and paddle out to sea, explore the coastline and surf the waves.

WindSUP 9'x30": The most compact model, ideal for younger or lighter sailors.

**WindSUP 10'x34":** The favorite all-rounder and known as the Whopper. A fabulous paddle board which performs very well in the waves and at the same time doubles as a cool entry level Windsurfer.

- **WindSUP 11'2''x30'':** A new favourite from the popular SUP model known as The Blend, offering an excellent glide.
- **WindSUP 12' x 33":** The best compromise between glide and stability, known as the Atlas. A solid platform for even the heaviest of riders.

**WindSUP 12' x 36" Summerboard:** The most stable board of the range, also known as the Summerboard. Hop on board with your whole family, teach windsurfing or cruise solo with no fear of falling in. Our most recommended board for schools.

**WindSUP 12'2" x 30" Freeride:** The authentic Windsurfer experience is back. With a unique planing glide, it absorbs the chop thanks to the deep-vee double-concave nose and performs as a fast all-round racer as a stand-alone SUP board. Also available as a Waterman Package, complete with paddle and sail.



Essentially, Starboard's WindSUPs utilize the same shape and fittings as their SUP counterparts and add a mast track to attach a sail and a centre fin to keep the board upwind. Visit www.star-board-sup.com for more information on the complete Starboard SUP collection.

WARNING: WindSUPing on paddle boards that do not have centre fins or daggerboards is dangerous and not recommended as the rider will drift downwind.



### Construction Technologies available:

**A.S.A.P.** : Starboard's ultra-strong construction with a full EVA deck and a tough thermo-EVA rail finish for user friendliness and added durability. The A.S.A.P. models are fitted with a fixed centre fin keeping the weight low and make the boards more efficient for paddleboarding and light wind windsurfing. In stronger winds, the user must return to the beach to remove the centre-fin manually.

**StarShot:** new for 2016, the StarShot options blend a premium finish with a great weight and value. This new go-to option is fitted with a centre fin box like the A.S.A.P. models. Fit a centre fin for light wind windsurfing, and remove it manually for high wind windsurfing and paddle boarding.

A.S.A.P. StarShot

9'0" x 30" Converse	•	
10' x 34" Whopper	•	•
11'2" x 30" Blend	•	•
12' x 33" Atlas	•	•
12' x 36" Summerboard	•	•
12'2" x 30" Freeride	•	•

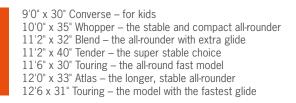


WITH RAIL EDGE TECHNOLOGS

SCHWE

New for 2016, Starboard's Rail Edge Technology: a proprietary 3D elastomer compound that creates a release edge that is hard and effective at releasing water, capable of bending to follow the contours of the board and fold to roll up. With this hard release Rail Edge technology, you can accelerate and enjoy the most exciting planing sensation possible on no other inflatable board.

### Sizes available:



Deluxe - a 6" thick ultra stiff drop-stitch technology with a fully retractable daggerboard case complete with water-sealing rubber lips for best windsurfing performance.

Construction Technology available:

Zen: a lighter 4.75" drop-stitch technology fitted with a centre fin system that is lighter, more discreet and more suitable for paddling and occasional windsurfing.



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**2**74





New full-length daggerboard case with rubber sealing lips







The complete go-to solution for windsurfing and paddleboarding. Starboard's Windsurfing and SUP team together have carefully selected for you their favourite gear and bundled them together into an unbeatable packaged offer.

## STANDARD WATERMAN PACKAGE

**WindSUP Classic 5.5:** the simple, lightwind rig. It is light, powerful and easy to assemble. **WindSUP Freeride ASAP:** our highly recommended board with a special shape that brings back the joy of a beautiful glide and smooth planing.

**Enduro Tiki-Tech Adjustable paddle:** an adjustable paddle with a comfortable flex. Strong and light. What's new for the board? The Inflatable Waterman package comes with the new 11'6 x 30" Zen model, featuring the new Rail Edge technology for an all-new inflatable planing sensation. The standard Waterman package features the 12'2 x 30" Freeride in ASAP technology. What's new for the rig? The boom has been upgraded with a stronger, stiffer front end and double-pin size-adjustment clips. New downhaul hook pulley. New reinforced mast extension and a new mechanical universal joint for reduced stress on the inflatable board when dropping the sail.

## INFLATABLE WATERMAN PACKAGE

WindSUP Compact 5.5: the 4 piece mast and 3 piece boom allows the sail to pack into a compact bag.



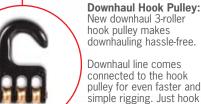


# Windsup sail packages

and the *Classic*.



The WindSUP Compact Sail Package is the ultra compact model. It is light, easy to assemble and the easies to transport or store.



New downhaul 3-roller hook pulley makes downhauling hassle-free.

Downhaul line comes connected to the hook pulley for even faster and simple rigging. Just hook it to grommet and downhaul.



The WindSUP Classic Sail Package is the original light wind windsurfing rig. It is powerful and easy to assemble. With its reduced diamter mast, it is lighter and feels smoother on the water.



Light, simple and powerful

# The WindSUP Sail Packages are designed to power SUP boards fitted with mast tracks and lightwind windsurfing boards. Starboard offers two options: Compact

To minimize the size, the sail package uses a 4-piece RDM mast and a 3-piece boom.



Extension:

Extension has also been reinforced in key stress areas for more durability and reliability.



## Boom:

New boom with two-pin clips is now stronger and more reliable. Boom head has been redesigned for a more secure fit around the RDM mast.





### Mast base:

New mast base with mechanical joint is the perfect solution for those uphauling frequently. The mechanical joint also helps to put less pressure on the mast track inserts of inflatable windSUP boards.





- 600D diamond backing polyester
- 8mm thick foam padding, top & bottom
- Lightweight construction
- Quick clip shoulder strap and carry handle
- Zippered fin slots
- Plastic PK zip, non-corrosive
- Durable YKK buckles
- Bag Detail & Name Card







- 600D polyester
- 8mm thick foam padding top & bottom
- Extra thick 12mm padded sidewalls
- Plastic PK zip, non-corrosive
- Durable YKK buckles
- Front and back carry handles
- Top carry handle
- Space for three wave boards fitted with straps







- 600D polyester
- Extra 8mm interior reinforcement padding
  8mm thick foam padding top & bottom
- Extra thick 12mm padded sidewalls
- Plastic PK zip, non-corrosive
- Durable YKK buckles
- Front and back carry handles
- Top carry handle
- Space for three iSonics or similar size boards

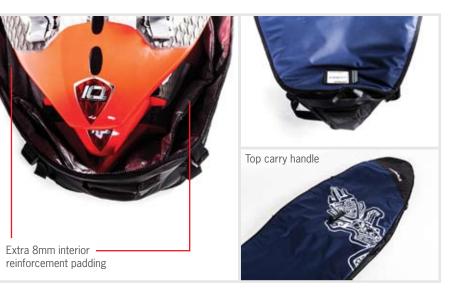




Spacious for x3 iSonic or similar size boards

280





2016 STA7802	ard sf	PECIFICAT		Recht Friday
	VOLUME 19 82 87 92 99	<b>ЕСТОР Ша</b> <b>LENGTH WIDT</b> 211 58: 212 59: 214 61: 219 63: 220 65:	TAIL W2D7H         FZW         FZWBOX         SAIL RANGE         CARBON           38         2 x Twin Surf 145 + 2 x Natural Wave 110         2 x Slot Box 13 + 2 x Slot Box 10         4.05.3         6.5           38.8         2 x Twin Surf 145 + 2 x Natural Wave 110         2 x Slot Box 13 + 2 x Slot Box 10         4.05.3         6.5           39.7         2 x Twin Surf 145 + 2 x Natural Wave 110         2 x Slot Box 13 + 2 x Slot Box 10         4.25.3         6.7           39.7         2 x Twin Surf 150 + 2 x Natural Wave 110         2 x Slot Box 13 + 2 x Slot Box 10         4.55.7         6.8           40.6         2 x Twin Surf 155 + 2 x Natural Wave 110         2 x Slot Box 13 + 2 x Slot Box 10         4.76.2         6.9           41.7         2 x Twin Surf 165 + 2 x Natural Wave 110         2 x Slot Box 13 + 2 x Slot Box 10         4.76.2         7.1	WEBHT Red WOOD 6.7 6.9 7.0 7.1 7.3
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	UCLUME 217 263 298	בן אריין אריין אריין אריין ארי אריין אריין ארי	LIZ WIDTH     FIN RANGE     SALI RANGE     CARBON     AST       52     Drake Venom 54     Deep Tuttle     44-56     5.5-9.5     -     13.3       49.1     Drake Ready to Race 52 + Daggerboard 78     Deep Tuttle     45-55     6.5-9.5     13.0     -       49.2     Drake Ready to Race 52 + Daggerboard 78     Deep Tuttle     42-56     6.5-9.5     14.0     -	
	<i>VOLUME</i> 177 מחוב 167		III WIDTH         FIN         FINBOX         FIN RAMGE         SALL RANGE         CARBON         3DX           84.6         Without Fin         Deep Tuttle         60-70         8.512.5         9.4         -           84.3         Drake Race 70 Ready to Race         Deep Tuttle         60-70         6.511.0         -         11.6	
	VOLUME ID-4 II-4 II-2 II-0 II-0 II-0 Windsurfer	and the second	WID77H         FZN         FZN BOX         FZN RANGE         SAIL RANGE         CARBON           33.0         Drake Freeride Power 36         Power         32-40         5.0-8.0         7.4           46.6         Drake Freeride Power 38         Power         34-42         5.5-8.5         7.7           50.4         Drake Freeride Power 40         Power         36-44         6.0-9.0         7.8           50.7         Drake Freeride Power 44         Tuttle         40-48         6.5-9.5         8.1           52.7         Drake Freeride Power 46         Tuttle         42-52         7.0-10.0         8.2           52.5         Drake Freeride Power 48 + Plug         2 x Tuttle Box         44-52         7.5-10.5         9.0           52.5         Drake Freeride Power 48 + Daggerboard 570         Tuttle + Clipperbox         44-52         7.5-10.5         -	WEIGHT Ref WOOD 3DX TBC 8.0 TBC 8.7 TBC 8.8 TBC 8.9 TBC 9.3 TBC 9.3 TBC 10.5 - 10.7

FUTURE         LEWGTH         VADITH         FAV         FAVEOR         FAVEOR         CARDON         CARDON         WEDRIT MeV           SC         238         61.5         40.6         Drake Slatom DW 34 Ready To Race         Tuttle         28.38         4.07.0         6.0         6.8           SC         238         61.5         40.6         Drake Slatom DW 36 Ready To Race         Tuttle         30.40         4.57.5         6.4         7.0           SC         240         65.5         42.7         Drake Slatom DW 36 Ready To Race         Tuttle         30.40         4.57.5         6.4         7.0           SC         241         69.5         45.9         Drake Slatom DW 40 Ready To Race         Tuttle         30.40         4.57.5         6.4         7.0           SC         247         26.0         5.3         Drake Slatom DW 42 Ready To Race         Tuttle         30.40         4.57.5         6.4         7.0           SC         247         26.0         50.3         Drake Slatom DW 42 Ready To Race         Tuttle         30.46         5.59.0         6.9         7.1           SC         247         78.0.5         52.2         Drake Slatom DW 44 Ready To Race         Drake Deep Tuttle         40.50	
VOLUME         LENGTH         WIDTH         TAIL         WIDTH         FIN         FINBOX	
Image: Notice of the second	
KODIE       TUPESKIP publi concept         VOLUME       LENGTH       WIDTH       TAIL       WIDTH       FIN       FINEOX       FINEOX       FINEOX       SAIL       RANGE       AST         Image: 236       67.5       44.1       Drake Freeride Glide 38 + Drake Shallow 31       2 x Tuttle       2640       2.08.5       8.8         Image: 235       71.5       46.3       Drake Freeride Glide 40 + Drake Shallow 31       2 x Tuttle       2842       2.09.0       9.2         Image: 246       74.5       47.3       Drake Freeride Glide 42 + Drake Shallow 31       2 x Tuttle       30.44       2.0-9.5       10.1	
VOLUME         LEVEL         FINE         FINEOX         FINEOX         FIN RANGE         SALL RANGE         AST         ARMOUR TECH           No         192         276         78.0         49.2         Drake Shallow 41 + Daggerboard 57         Tuttle 3 Holes + Algaier         31-41         2-9.5         12.7         15.2           Rio M         192         276         78.0         49.2         Drake Shallow 41 + Daggerboard 57         Tuttle 3 Holes + Algaier         31-41         2-9.5         12.7         15.2           Rio M         192         206         81.0         55.7         Drake Shallow 41 + Daggerboard 57         Tuttle 3 Holes + Algaier         31-41         2-9.5         14.3         18.3           Rio Long Tail         2193         302         86.0         61.1         Drake Shallow 41 + Daggerboard 57         Tuttle 3 Holes + Algaier         31-41         2-9.5         14.6         17.8           Rio Long Tail         2193         333         87.0         60.8         Drake Shallow 41 + Daggerboard 57         Tuttle 3 Holes + Algaier         31-41         2-9.5         14.6         17.8           Rio Long Tail         2193         333         87.0         60.8         Drake Shallow 41 + Daggerboard 57         Tuttle 3 Holes + Algaier         3	
Start M       290       284       94.5       74.3       Drake Shallow 41 + Daggerboard 62       Tuttle 3 Holes + Algaier       31.70       29.5       16.9         Start L       285       100.5       81.1       Drake Shallow 41 + Daggerboard 62       Tuttle 3 Holes + Algaier       31.70       29.5       16.9	
PROKIDS KIDS       MERRY Ref         VOLUME       LENGTH       WIDTH       TAIL       VIDTH       FIN       FINBOX       FIN RANGE       SAIL       RANGE       RAIL       RANGE       AII       MERRY Ref       AII         ProKids       Flame       81       227       57.5       37.5       Drake 16 Ready to Freestyle       Powerbox       -       2.55.5       5.7       -         ProKids       Formula       Experience       III       216       92.5       69.8       Drake Race 62 Ready to Race       Deep Tuttle       54.66       5.58.5       -       9.1         ProKids       Go 99       216       76.3       50.1       Drake Freeride Glide 40 + Plug       Tuttle       34.44       2.0-7.5       -       8.5	
VOLUME         LENGTH         VIDTH         TAL         VIDTH         FIN         FINEX         SAIL         RANGE         WEIGHT         (kg)         VEIGHT         (kg)           AirPlane 255         TBC         255         80         52.5         Drake Freeride Power 42 + Drake Shallow 22         Tuttle Fast Box + Astro US Box         2.06.5         11.40         12.80           AirPlane 285         TBC         285         90         56.5         Drake Freeride Power 42 + Drake Shallow 22         Tuttle Fast Box + Astro US Box         2.07.5         13.40         14.80           AirPlane 285         TBC         285         90         56.5         Drake Shallow 41 + Daggerboard 57         Tuttle Fast Box + Clipper Box         2.07.5         12.80         18.50           AirPlane 300 Daggerboard         TBC         300         90         62.0         Drake Shallow 41 + Daggerboard 57         Tuttle Fast Box + Clipper Box         2.07.5         12.80         18.50	
VOLUME         LEMOTH         VADITH         TALL         VADITH         FTN         FTN         FTNEX         SAIL         RANGE         WEIGHT (A           WindSUP 9'0"x30"         Starshot converse         137         277         77.5         46.2         Starboard 6" 3/4 + 4 x Starboard M4.5 Black         US 8' + 4 x SurFinZ         4.7.6.0         9.7           WindSUP 10'0"x34"         Starshot wiopper         191         306         85.5         46.5         Starboard 6" 3/4 + 2 x Starboard M4.5 Black + Drake Shallow 41         US 8' + 4 x SurFinZ         4.7.6.0         9.7           WindSUP 112"x'30"         Starshot arLsso         205         370         82.0         42.6         Starboard 8" + D rake Shallow 41         US 10' + 2 x SurFinZ 1 Deep Tuttle         4.5.7.5         TBC           WindSUP 12'2"x30"         Starshot arLas         205         370         82.0         42.6         Starboard 8" + D rake Shallow 41 + Plug         US 10' + Deep Tuttle         4.5.7.5         TBC           WindSUP 12'2"x30"         Starshot freezeroe         373         75.0         39.0         Starboard Dol/Fin 22 Black + D rake Shallow 41 + Plug         US 10' + Deep Tuttle         4.5.7.5         TBC	7)
VOLUME         LENGTH         WIDTH         TAIL         WIDTH         FIN         FIN         SAIL         RANGE         WEIGHT           WindSUP 9'0"x30"         ASAP converse         137         277         77.5         46.2         Starboard 6' 3/4 + 4 x Starboard M4.5 Black         US 8' + 4 x Surfinz         4.76.0         10.0           WindSUP 10'0"x34"         ASAP whoepere         191         306         85.5         46.5         Starboard 6' 3/4 + 4 x Starboard M4.5 Black         US 10' + 2 x Surfinz' + Deep Tuttle         4.76.0         11.9           WindSUP 12'0"x33"         ASAP arLas         205         370         82.0         42.6         Starboard 8' + Drake Shallow 41         US 10' + 2 x Surfinz' + Deep Tuttle         4.57.5         14.6           WINDSUP 12'2"x30"         ASAP FREERIDE (PLANING)         238         373         75.0         39.0         Starboard Dol/Fin 22 Black + Drake Shallow 41 + Plug         US 10' + Deep Tuttle         4.57.5         14.6	ヤ
WindSUP 9'0"x30" Inflatable Zen Center Fin WindSUP 112"x32" Inflatable Zen center Fin WindSUP 112"x31" Inflatable Zen Center Fin WindSUP 12'6"x31" Inflatable Zen Center Fin Z78         170 237         274 305         76.0         46.2         2 x Drake Shallow 22 x Drake Shallow 22         2 x Astro US Box 2 x Astro US Box         2.57.0         8.5           WindSUP 112"x32" Inflatable Zen center Fin WindSUP 112"x33" Inflatable Zen center Fin WindSUP 112"x30" Inflatable Zen center Fin WindSUP 112"x30" Inflatable Zen center Fin Z37         324 341         341         81.5         39.9         2 x Drake Shallow 22 x Drake Shallow 22         2 x Astro US Box 3.67.5         3.67.5         15.2           WindSUP 12'0"x30" inflatable Zen center Fin WindSUP 12'0"x33" inflatable Zen center Fin Z87         384         78.5         42.4         2 x Drake Shallow 22         2 x Astro US Box 3.57.5         15.2           WindSUP 12'0"x33" inflatable Zen center Fin WindSUP 12'6"x31" inflatable Zen center Fin Z88         384         78.5         42.4         2 x Drake Shallow 22         2 x Astro US Box 3.57.5         12.5	
VOLUMELENGTHWIDTHTAILFINFINEXSAILRANGEWEIGHT (kg)WindSUP 10'0''x35"Inflatable Deluxe Daggerboard30030589.048.0Drake Shallow 22 + Daggerboard 57Astro US Box + Clipperbox2.5-7.010.5WindSUP 11'2''x32"Inflatable Deluxe Daggerboard30030134181.539.9Drake Shallow 22 + Daggerboard 57Astro US Box + Clipperbox3.5-7.515.1WindSUP 11'2''x40"Inflatable Deluxe Daggerboard29935476.044.5Drake Shallow 22 + Daggerboard 57Astro US Box + Clipperbox3.5-7.512.30WindSUP 12'0''x33"Inflatable Deluxe Daggerboard30238478.542.4Drake Shallow 22 + Daggerboard 57Astro US Box + Clipperbox4.5-7.510.8WindSUP 12'6''x31"Inflatable Deluxe Daggerboard30238478.542.4Drake Shallow 22 + Daggerboard 57Astro US Box + Clipperbox4.5-7.510.8	