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Pozo Georgia Schofield

STARBOARD 2018

innovation quality

Maui Boujmaa by John Carter

innovation
STARBOARD 2018
quality

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Australia © John Carter

JAEGER STONE

WHAT'S NEXT?

It all started with the idea of making better boards while enjoying windsurfing for a life time. Since 1994 Starboard set the trend in windsurfing and well over 1000 different boards shapes have been under my feet since I first stepped on a board in 1978. The last few years of foiling re-ignited our light wind days here in Thailand and is as exciting as to experience planing for the first time.

So the future is here and in addition to making the best boards built in benchmark technologies we need to take a closer look at the oceans and how we can help them stay alive.

We partner with organisations such as Parley for the Oceans, Trash Hero and do our own clean ups at local beaches and rivers, up to three times a week. We work with Sustainable Surf to develop up-cycled materials, bio materials and found them to perform better than many of the petroleum-based raw materials.

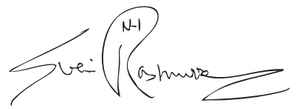
We plant Mangroves in the Thor HeyerdahI Climate Park in Myanmar and have so far planted 104,500 trees, absorbing over 100,000,000 kg of CO_2 over the next 20 years.
Our goal is to plant over I million trees within 10 years, mitigating 1 billion kg of CO_2 over the next 20 years. Very small numbers by world standards but still trendsetting in our sports world.

To put it all into a broader perspective, ONE single Mangrove tree can over 20 years absorb 5400 km of CO_2 emissions from a car using 0.5 liters of gas per 10 km.

The average carbon footprint of a composite windsurfing board is 100kg, so we can actually be carbon net positive by planting a few trees per 10 boards we produce.

It is easy to make a positive impact and we hope that our world of wind and water can inspire businesses and governments.

We are just getting started , so join us and become a pioneer living a deep blue life.



Svein Rasmussen,
Chief Innovator

WINDSURFING

is a wonderful sport. Every time you hear the trees bending in the breeze, when you're rigging your sail and fitting in your fin, that excitement around windsurfing doesn't fade.

Every day is a new opportunity to improve your level. Windsurfing is exciting; discovering and progressing is what makes it addictive.

Today, I'm learning to foil jibe and I'm counting each foil jibe I can complete without touching down. I also remember the joy of completing the first one. It's the same as when I completed my first jibe at age 10, then the first planing jibe after that.

At Starboard, it's a pleasure and an honour to work on the equipment that we hope will help many windsurfers learn and progress, discover new sensations and enjoy many firsts.

The first sensation of gliding with the wind, the first maneuvers, the first jibes, the first jumps and the first forward loops; perhaps this year is the year you will fly on a foil for the first time, or enter your first race on an iSonic, or get kids planing for the first time on the ProKids UltraKode; whichever will be your first, whatever your level, wherever you windsurf, we hope you enjoy it just as much as we have enjoyed putting together our new product range.

Tiesda You
Designer | Brand Manager

PHILIP KÖSTER - WAVE CHAMPION

ANTOINE LEFEBVRE - MARKETING MANAGER

REMI VILA - R&D MANAGER

TRISTAN ALGRET - R&D & RACING

GONZALO COSTA HOEVEL - FOIL/RACING R&D

MARK STONE - CONTRIBUTING SHAPER

ALBERT PIJOAN - R&D WAVE/INFLATABLE BOARDS

SAMAI SRISAN - SHAPER

CAMERON FROST - VIDEOGRAPHER

AOM - AREA MANAGER

JAEGER STONE - R&D & WAVE

SVEIN RASMUSSEN - CEO/FOUNDER

DEN CHOMKOKGROUND - SHAPER

NORA LUNDSTRÖM - SUSTAINABILITY

BOUJMAA GUILLOUL - R&D & WAVE

KEVIN PRITCHARD - R&D & WAVE

TOON PHAITOON KAEWHORRIT - SHAPER

JANG DUMRONGSAK - WORKSHOP MANAGER

TEDDY LERTLEELAWIRAM - INFLATABLE PRODUCTION MANAGER

TIESDA YOU - BRAND MANAGER / DESIGNER

MATHIEU RAUZIER - INFLATABLE BOARD DESIGNER

SARAH QUITA OFFRINGA - R&D & FREESTYLE

BENOIT PEIGNER - R&D ACCESSORIES

EX THANUPONG SAISONTHANANANT - SHAPER

JEAN-LOUIS COLMAS - CONTRIBUTING SHAPER & INVENTOR

VASIN SIRITHO- PRODUCTION MANAGER

DANY BRUCH - R&D & WAVE

FLORIAN JUNG - R&D & WAVE

DAIDA RUANO & IBALLA RUANO MORENO WAVE CHAMPIONS

LEI ANGELIC ABINAN- GRAPHIC DESIGN

TATY FRANS - R&D, FREESTYLE & RACING

ERIK SCHNITZLER R&D / LEAD GRAPHIC DESIGN

JOE DUMRONGVIVAT GENERAL MANAGER SALES AND LOGISTICS

GEORGIA SCHOFIELD PHOTOGRAPHY

APICHAT TAEWNADE - SHAPER

JOHN CARTER - PHOTOGRAPHER

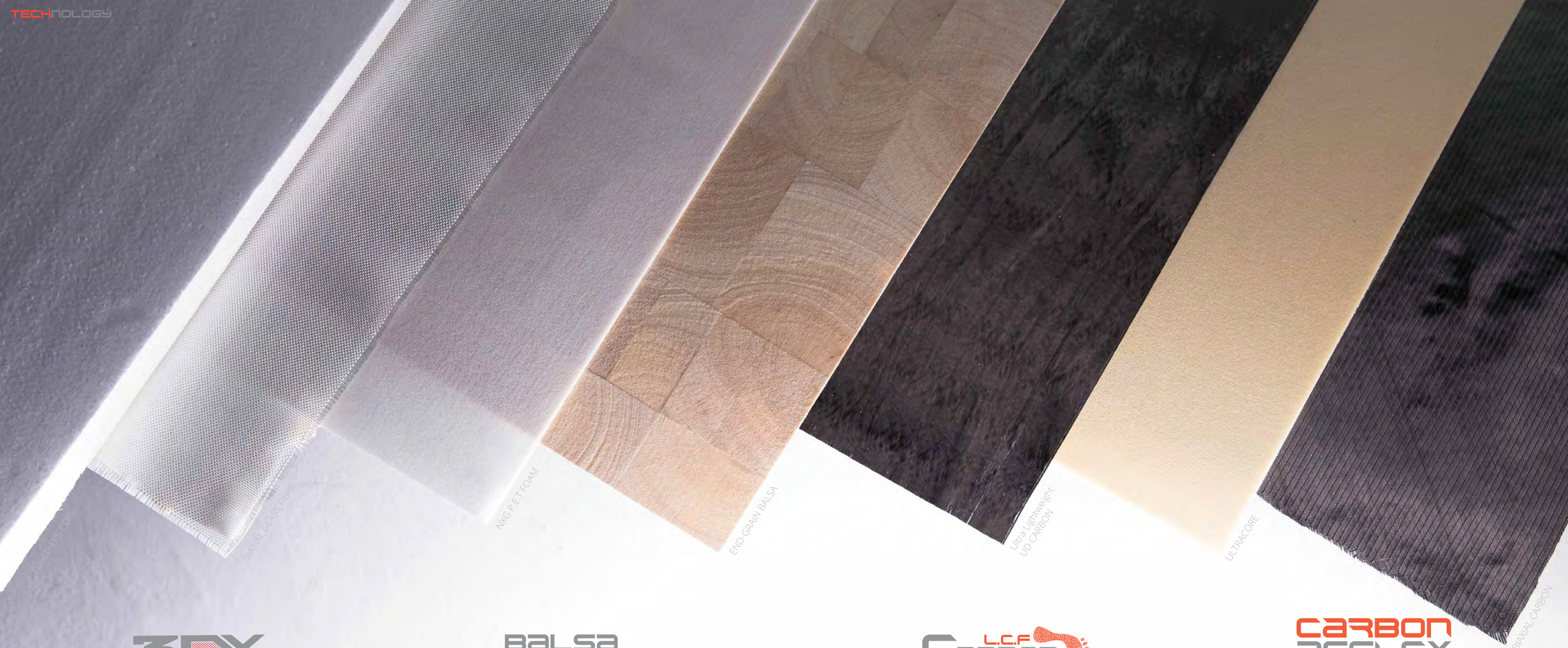
DIETER VAN DER EYKEN - R&D, WAVE & FREESTYLE

CHOCOLATE MASCOT

CLEMENT MORANDIERE - SALES MANAGER

IAN FOX - PRESIDENT

TIKI



3DX

PERFORMANCE	
STRENGTH	
PRICE	
CARBON FOOTPRINT	

The tough construction. The only tech in its segment to offer a biaxial-glass 3D composite for a crisper and stiffer sensation on the water.

Balsa Flax

PERFORMANCE	
STRENGTH	
PRICE	
CARBON FOOTPRINT	

The full sandwich construction. Balsa Flax uses end-grain balsa wood bottom, reclable PET foam sandwich deck with uni-direction Flax rail and deck reinforcements for added stiffness in the mid-section.

L.C.F Carbon

PERFORMANCE	
STRENGTH	
PRICE	
CARBON FOOTPRINT	

Light, crisp and fast. Low carbon footprint: we designed Carbon L.C.F. to be energy efficient; to exceed the expectations of a carbon board while using more sustainable materials and consume less of it. We achieved this by combining Bio Resin and carbon fibres with end-grain Balsa.

Turn to the next page for more details.

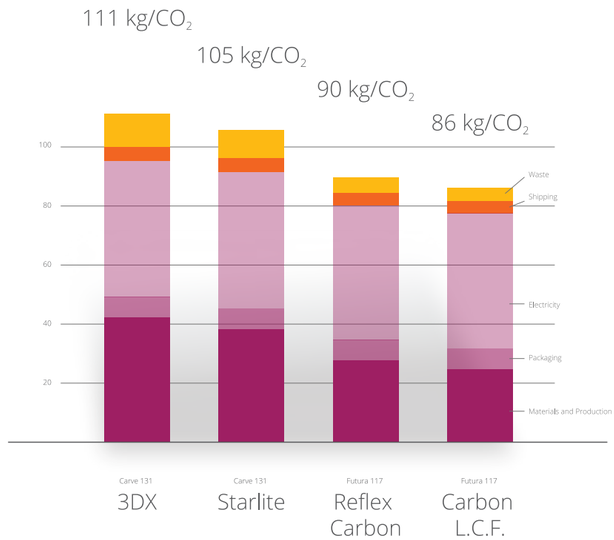
Carbon Reflex

PERFORMANCE	
STRENGTH	
PRICE	
CARBON FOOTPRINT	

Our lightest and most responsive board construction ever. Due to the high price and the limited supply of UltraCore available, Carbon Reflex is only available for our racing boards and it is made-to-order for our wave and freestyle models.

UltraCore is the key ingredient. Lighter, stiffer and stronger, UltraCore allows us to reduce skin fibre weight and resin absorption without compromising on strength or stiffness. By using the lightest carbon and by customizing fibre orientation between 0°, 30° and 45°, we can minimize weight, control and optimise flex without losing stiffness or responsiveness.

Introducing Carbon L.C.F.



Our **l**owest **c**arbon **f**ootprint board technology

We designed Carbon L.C.F. to be as energy efficient as possible. Carbon L.C.F. uses lower-carbon materials and then less of them by combining Bio Resin with end-grain Balsa and reducing overall resin consumption.

Bio Resin has half the carbon footprint as conventional epoxy resin. End-Grain balsa has a tenth of the footprint of conventional PVC.

L.C.F CARBON

Why End-Grain Balsa?

By turning the balsa grains vertically within the sandwich structure, Starboard's innovative end-grain sandwich connects the top and bottom faces with millions of vertical honeycomb-like pillars.

The result: significantly higher mechanical properties than conventional petroleum-based PVC. Given the same density, end-grain balsa has 3x shear modulus, 3x tensile strength, 20x tensile modulus, 2.75x compressive strength and 12x compressive modulus.

So while reducing carbon footprint, Carbon L.C.F technology is also stronger, stiffer and as light as regular carbon boards. Low carbon footprint. Light, crisp and fast: Carbon L.C.F.

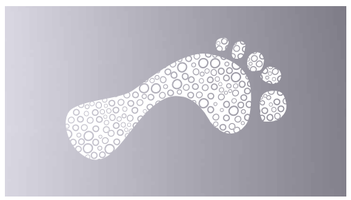
"Balsa wood (Ochroma Pyramidale) is among the lightest and fastest growing of the hardwoods. It is indigenous to the equatorial regions of the globe. Balsa, which is spanish for raft, has enjoyed a colourful history of utilization in marine vessels, for example the Peruvian construction of Kon-Tiki rafts in 500 A.D."
Kurt A. Feichtinger, Ph.D, R&D Baltek Corporation

End-grain balsa at 50x maginification

SHAPING THE FUTURE

No doubt, as a manufacturer Starboard is a polluter. But we can transform our overall net impact into a positive by working hand-in-hand with innovative eco-partners. Our goal is to shape ocean-friendly initiatives and discover alternatives.

STARBOARD'S CARBON FOOTPRINT



In the 2017 fiscal year our company's carbon footprint was about 3,600 tons - caused by our products' raw materials and assembly and from our team's extensive air travel.

However, with the one mangrove for each board sold policy, we planted 104,500 mangrove trees in the Thor Heyerdahl Climate Park absorbing over 100 000 tons of CO2 over the next 20 years, arguably making our overall impact net positive many times over.

By analyzing Starboard's carbon footprint we can transfer our focus into areas where there is need for improvements.

BIO RESIN

We have pioneered the transition to Bio-Resin in all our boards* two years ago. Conventional resin uses petroleum oil as a base while Bio-Resin has between 38 and 51% of its content derived from plant and vegetable matter.

By using Bio-Resin we can fast forward the movement of using more renewable resources and contribute to a more sustainable industry.

** with the exception of 3DX and Inflatables*

RECYCLED NYLON FINS

Daggerboards and fins used in our progression boards are transitioning this year into recycled Nylon made partly from recycled fishing nets discarded from fishing villages.

The recycled Nylon, also known as Akulon, has the added benefit of being significantly stronger and stiffer than traditional nylon plastic.

RECYCLED FABRIC BOARD BAGS

Every minute 1 million water bottles are produced around the world. A vast majority of these end up in landfills, taking approximately 400 years before decomposing completely.

By turning the wheel in the opposite direction, we can utilize these bottles in products. Chopped into flakes, washed, melted and extruded into yarns, these bottles are spun into a fabric.

All our 2018 boardbags' outer skin are made from recycled plastic bottles. The smaller bags capture approximately 30 bottles, while the bigger capture approximately 60 bottles.

RECYCLED FABRIC FOOTSTRAPS

All 2018 Drake Deluxe and Slick footstraps, delivered with our wave, freestyle and freeride boards, now have a top cover made from recycled plastic bottles.

PACKAGING APPAREL / BOARDS

In collaboration with Parley and their A.I.R Strategy, we introduce the combined package and bag. By peeling off the pre-punched perforation this package easily becomes a bag - reducing the need for plastic bags in stores.

We've also removed the plastic from our board packaging: bubble-wrap, plastic dust bags and styrofoam blocks have been replaced with honeycomb and corrugated cardboard to further reduce plastic consumption.

Avoid Plastic Wherever Possible
Intercept Plastic Waste
ReDesign The Plastic Economy

THE POWER OF CHOICE by Florian Jung

I guess, all of us windsurfers have something in common. Whether you sail on a lake on flat water or in mast high waves on the ocean. In the end we really depend on nature to provide us with a certain power called wind. It is the one element that controls our daily behavior and dictates where and when we can follow our passion. Sometimes I wish I could just make an appointment like any tennis player that is going for a Sunday afternoon match between 3pm-4pm. Imagine, you could tell your buddy: "Hey, let's meet up for a good session with solid waves and wind for 4.2sqm next Sunday. Or rather Tuesday?"

On the other side, maybe it is exactly the reason, why we love our sport. Each session is an unexpected gift from nature, and each day on the water never feels the same. It is that never-ending challenge to adapt to the elements in the best possible way and control the raw power of nature in your hands and under your feet.

Windsurfing opened a lot of doors for me and I had the chance to see amazing places over the years. On the other side, it is obvious that we face a lot of problems caused by environmental issues such as climate change, ocean pollution and other related issues. I have seen glaciers melting down in Alaska and experienced the consequences of ocean pollution during an Atlantic expedition. On the one hand, I travel more than most people and I use equipment made out of plastic and other toxic materials. On the other hand, I would like to improve the world and have a positive impact. How does that fit together?

It is an ambiguous situation; I try to live by certain ethical principles, while facing the facts of reality. Should I stop travelling, even though it is part of my job? How can I stand for something if I am part of the problem?

I came to the conclusion that I am far from living a sustainable life, but I still have a choice to try my best to change my daily routine and reduce my carbon footprint in many ways. I avoid using plastic wherever I can and look for opportunities to help to raise awareness on how to protect the ocean. I know, there are tons of organizations with the same goals in mind and we slowly know that we are about to face difficulties if we don't change our behavior.

It is like going full speed on a highway without having brakes, knowing that sooner or later we are about to hit a big concrete wall. How could that happen? Did we lose the respect for what surrounds us, the air that we breathe? Can't we see the beauty and most importantly the overwhelming power of nature any more?

We have to be aware of our own personal power. Everyone can make decisions that have a positive or negative impact and together we are the world's most powerful source. We as humans are causing these problems and we are the only ones that can find solutions.

Alternatives adventures.

Earlier this year, I started working with Starboard to help test the first eco-boards in windsurfing.

It is a really interesting field as we are trying to replace toxic material with natural ones such as end grain balsa to replace the PVC core. Balsa wood is one of the fastest growing trees in the world, while offering better mechanical properties than PVC for the same density. This translates into higher rigidity and stiffness, as well as high impact and fatigue resistance.

Moreover we use bio resin, injection molded inserts or fins produced out of bio-based renewable materials. To equalize the carbon footprint Starboard is planting one mangrove tree for every sold board, which absorbs up to 1 ton of CO_2 over the next 20 years.

It is really challenging to work on producing sustainable products. You take two steps forward and one step backwards, but it is really rewarding, if you find a way to generate the same feeling and strength of a normal board with the latest technologies based on natural resources.
The first tests showed that the board feels quite different on the water due to new flex characteristics that provides more control while riding waves. The weight of the eco board is more or less the same than any other conventional board.

Nowadays, a windsurf board has an average carbon emission of 100 kg/CO_2 over its lifetime, from raw materials and production to packaging, electricity, shipping and disposal. The new eco board with the L.C.F (low carbon footprint) technology is going to have approximately 86 kg/CO_2 over its lifetime with still a lot of room for improvement, specially regarding the disposal.

The goal is to reduce the carbon footprint for any board production and offer it for the same price as a conventional one. In terms of business, it is probably not the most efficient way to make money because the costs of production are still more expensive. If more and more brands in the surf industry choose this path of developing products more favourable to Mother Nature, the cost will be cheaper which would be a really positive sign for our environment and our wallets.

As one of the world's most respected marine biologist Dr. Sylvia Earl once said: "You have the power of choice but it doesn't help if you don't use it."

It's not my intention to tell you what is right or wrong and buying an eco board won't solve this problem. But I like the idea, that windsurfing as a sport can have a positive impact for our environment. We might be still far away from that, but every change starts with one step in the right direction. I think, it's worth giving it a try, because we just have one planet with wind and waves.

Somewhere above the clouds // John Carter // Captain Surfing

WAVE AND FREESTYLE

JAEGER STONE

Australia © John Carter

ULTRA KODE WAVE

72 • 76 • 80 • 86 • 93 • 99 • 105

The Magic Waveboard, the ultra-allrounder: Thruster, quad or twin, it's the dream wave board by the Dream Wave Team. Five lightweight Starboxes weigh the same as three regular fin boxes, so versatility doesn't come at a price. The choice of Jaeger Stone, Dany Bruch and Wave World Champions Philip Köster, Daida and Iballa Moreno.
The 72 and 76 are designed by Mark and Jaeger Stone; the four largest sizes are by Dany Bruch and PWA Champion Philip Köster. The 80 size is a merger of the two groups.

WHAT'S NEW?

New MFC fins on the 86, 93, 99, 105. New fin positions on the 80 matching the 72/76. New Technology: Carbon L.C.F is our new lightweight carbon construction that uses end-grain balsa sandwich instead of PVC to lower the board's carbon footprint while keeping the lowest weights.
The other technology option is Carbon Reflex. It is our lightest, most exclusive and a limited-edition flagship construction that combines Starboard's proprietary UltraCore sandwich with the lightest biaxial carbon.

SPEED
POWER WAVES
ONSHORE WAVES
FREERIDE
FREESTYLE

A.I.R. FREEWAVE

83 • 93 • 103

The A.I.R is about making a wave/freewave board fast and plane up quick, then making it turn because off a hyper-compact outline and its forward vee instead of its rocker. Ideal for smaller to medium sized waves where you need speed and extra versatility. Dieter Van der Eyken and Taty Frans' wave board.

WHAT'S NEW?

The boards are 220 to 222cm long, with a short nose and tail and a mast track pulled back to allow the board to react and turn quickly. With such a short tail, the bat-shape tail outline allows us to maximise fin grip, avoid cavitation while keeping the area behind the fins floaty and as short as possible, all in the goal to maximise reactivity and maneuverability.
The thruster set up was chosen for its combination of speed and maneuverability. The double concave bottom adds grip in the turns and the spiraling forward vee creates a power-steering effect when you engage the rails into a turn.
The A.I.R is an all-new wave/freewave board concept, most appreciated by wave riders coming from a freestyle background and riders who look for speed.

SPEED
POWER WAVES
ONSHORE WAVES
FREERIDE
FREESTYLE

KODE FREEWAVE

86 • 94 • 103 • 109

Winner of the 2017 Planchemag test, the Kode FreeWave is our fast wave/freestyle/freeride crossover board. Each size is designed to ride in either Thruster fin configuration for more maneuverability and grip, or in Single fin configuration for speed. The Kode FreeWave is known as a reference and a favourite in the freewave segment.

WHAT'S NEW?

New shape: 3cm shorter improves maneuverability. Slightly shallower concave adds some crispness to the riding sensation. The 109 now also has shallow double concaves and more vee to bring its grip level with the other sizes.
Two new technologies: Flax Balsa full sandwich and Carbon L.C.F, our new lightweight carbon construction that uses end- grain balsa sandwich instead of PVC to lower the board's carbon footprint while keeping the lowest weights. The third technology option is Carbon Reflex: our lightest, most exclusive and a limited edition flagship construction that combines Starboard's proprietary UltraCore sandwich with the lightest biaxial carbon.

SPEED
POWER WAVES
ONSHORE WAVES
FREERIDE
FREESTYLE

FLARE FREESTYLE

81 • 93 • 103 • 113

Our dedicated freestyle board and the board of PWA Freestyle World Champion Dieter Van der Eyken.

WHAT'S NEW?

New shape: new volume distribution with the thickest point pushed back. The 93 is more compact: 5cm shorter and 1cm wider. The 103 is narrower between the straps to make it more reactive. The 113 is all-new, it is a scaled- up version of the new 103.
New Technology: Carbon L.C.F is our new lightweight carbon construction that uses end- grain balsa sandwich instead of PVC to lower the board's carbon footprint while keeping the lowest weights.
The other technology option is Carbon Reflex. It is our lightest, most exclusive and a limited edition flagship construction that combines Starboard's proprietary UltraCore sandwich with the lightest biaxial carbon.

SPEED
POWER WAVES
ONSHORE WAVES
FREERIDE
FREESTYLE

QUAD. THRUSTER. TWIN

ULTRAKODE

Why five fin boxes?

With advancements in board construction, fin boxes and mast track development, with reduced epoxy and paint consumption, the UltraKodes are both lighter than a conventional thruster and more versatile by their ability to convert from thruster to quad, twin or single.

For those looking for a pure thruster, Starboard offers the UltraKode Pure Thruster Edition.

OUR 70g STARBOX

For an extra €99, $99, £79 at the time of purchase, upgrade your UltraKode with a G10 Quad fin package by Drake Windsurfing Fins.

The Starbox fits notched Slot Box fins for a fast fit-n-go system. Keep the brass nut locked in place when removing and replacing fins.

It also fits US Box fins for the classic system that pivots to reduce fin damage if you hit the reef.

105 234 X65.5
99 230 X62.5
93 226 X61
86 224 X59
80 223 X58
76 219 X55
72 217 X53.5

AVOID. INTERCEPT. REDESIGN

A.I.R FREEWAVE

About the name: the A.I.R name comes from the Parley concept: Avoid, Intercept and Redesign. Avoid the use of plastics where possible, intercept plastics and recycle them when possible, and redesign products to use less plastic. Because the A.I.R is the first board to use our new Carbon L.C.F. construction, we thought A.I.R would make a nice name for our all-new wave/freewave board.

4

2

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Features

1 / THREE FIN BOXES: Set up as thruster or single fin.
2 / SOFT RAILS WITH A CLEAR RELEASE EDGE: to blend maneuverability with speed.
3 / SHORT TAIL/ SHORT NOSE: to maximise reactivity, pivot and maneuverability.
4 / MAST TRACK SHIFTED BACK: for quicker reaction and maneuverability.
5 / BAT TAIL: improves grip in turns and reduces spin outs.
/ FAST. PLANES EARLY. Keeps floating at lower speeds in mushy waves
/ SUITABLE FOR MEDIUM TO SMALL WAVES.

83 220 X59.5 | 93 222 X61.5 | 103 222 X65

Stone Workshop John Carter

Mark Stone
Designer, shaper: UltraKode 65, 72, 76, A.I.R. Wave 80, 90, 100, 110,
Co-designer: A.I.R. FreeWave 83, 93, 103, UltraKode 80

ULTRAKODE

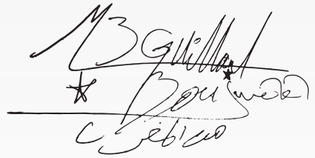
BOUJMAA GUILLOUL

PRO MODEL LTD EDITION

I.W.T. CHAMPION

To commemorate Boujmaa's 2016 IWT Title, we are pleased to introduce Boujmaa's custom wave board shape as a limited-edition production series.

"I use this board from light wind side offshore to high wind onshore, it turns easy and forgives my mistakes with the soft rails. It turns with a lot of speed and it feels great when I go with all this speed down the line, laying on the rail all the way through the top turn. It easily reconnects with the next drive and keeps the same speed. In the onshore conditions, I can easily make it turn fast on the bottom and top turn too. The board feels like perfection for me. It is a sum of a long time of work to get to where we are with it."



Boujmaa Guilloul, AWT Champion 2016

4

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6

Features

1 / THRUSTER FIN SETUP: MFC TF17 centre / MFC TF10 side fins Boujmaa Edition
2 / DRAWN PIN TAIL for fast waves and down the line conditions.
3 / EXTRA SOFT RAILS combine with a mono-concave bottom give the board maximum grip

What is the main difference between Boujmaa's board and the standard UltraKode?
Boujmaa's board generates grip by using a mono-concave in the tail, then adds a lot more tail kick (4) and nose kick (5) for maneuverability. The rails are similar in the mid-section but Boujmaa's board relies on its much softer, rounder and thicker rails under the back foot for rail to rail transitions (6). His board is smooth, forgiving and most maneuverable.

78LITER
219x54

ULTRAKODE

LIAM DUNKERBECK

PRO KIDS MODEL LTD EDITION

Liam Dunkerbeck

A mini version of Jaeger and Mark Stone's UltraKode 72, shrunken down to 65 litres.

210cm x 52.5cm

Footstrap stance, mast track position and fin positions have also been scaled down.
Made to order, custom CNC process

ULTRAKODE

KEVIN PRITCHARD

PRO MODEL LTD EDITION

ALOHA CLASSIC CHAMPION

Just after Boujmaa's IWT win, Kevin Pritchard was crowned 2016 Aloha Classic Champion. Naturally, to commemorate this title, we are just as pleased to introduce Kevin's Maui wave board as a limited-edition production series.

"The best thing about my pro model is that you can take the board anywhere. It's fast, it turns well, it floats on the light days, and grinds through on the windy days. I am really stoked on it!

One of the things that I like is the narrower nose on it. It really frees the board up and has a very light and crispy feeling to it. I have been riding it mostly with the thruster set up but for bigger waves the quad set up will work quite well. I always say that a good board is a good board, no matter what fin set up you have on it. I think that for different style of turns, you can put in different fins in the board and that's what makes it fun.

The rocker line is pretty much the same rocker line that I have been using for the last 10 years or so and it just gets more and more refined. I have been using the MFC TF fins with a 10 for the side fins and a 16 for the center fin. It is a pretty small set up but it keeps the board really loose. I have been running them with the leading edge at 41 and 30cm from the tail. It has been working out pretty good."

Kevin Pritchard, Aloha Classic Champion 2016

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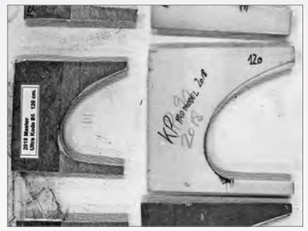


5

Features

1 / FIVE BOXES. Quad - Thruster - Twin - Single Fin.
2 / NARROW NOSE for a light feel.
3 / LONGER, NARROWER with drawn-out lines

What is the main difference between Kevin's board and the standard UltraKode?
Kevin's board has only slightly more tail kick than the regular UltraKode (4). It uses its narrower width to create speed and quick rail-to-rail transitions.
To make this style of board versatile, floaty and comfortable, it has lots more thickness and rail volume (5).
The added length, narrow nose and narrow width makes the board ride very free.

86LITER
230x55.5

KEVIN PRITCHARD

KEVIN PRITCHARD

BOUJMAA GUILLOUL

Bali

John Carter

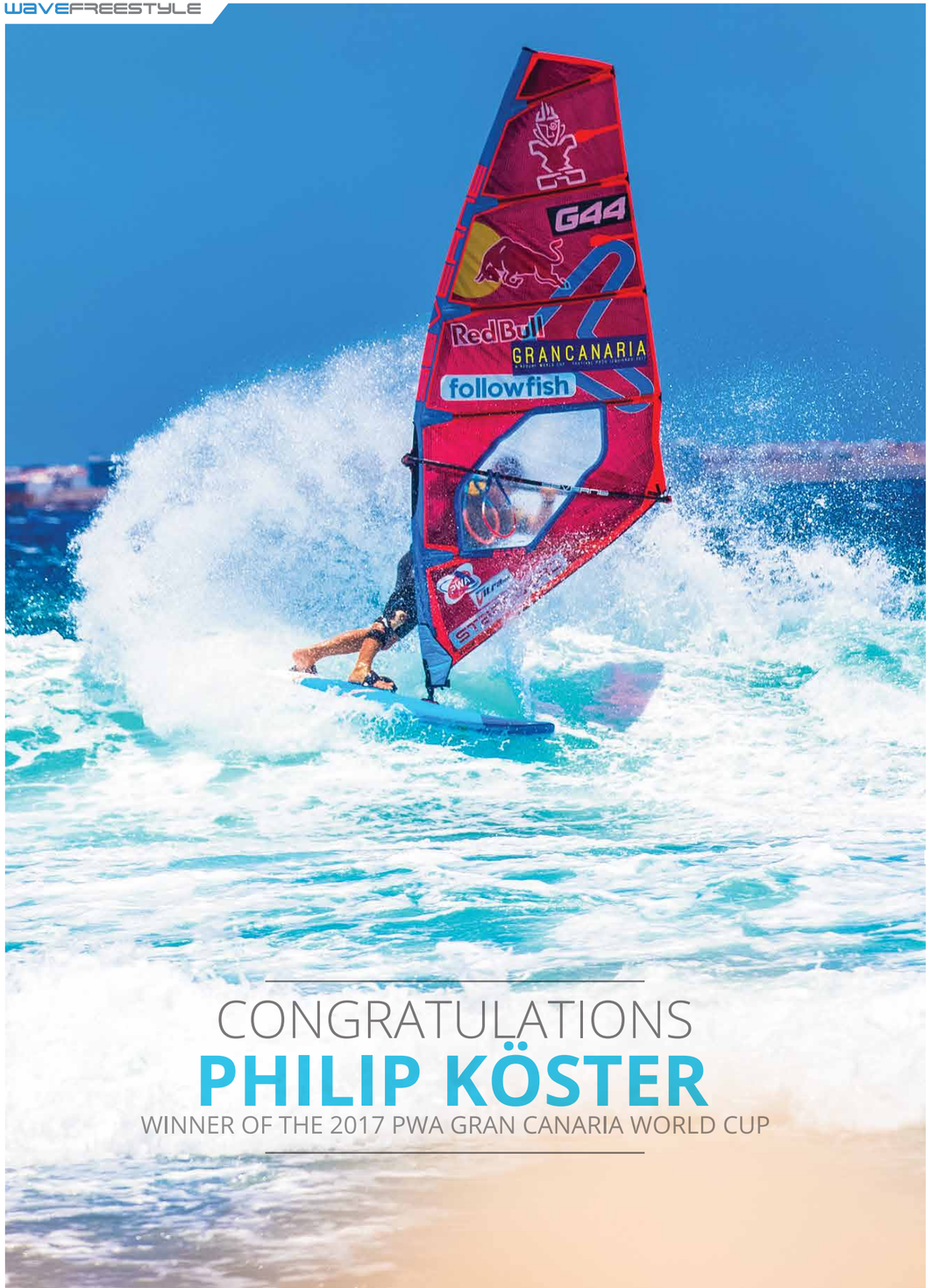
DANY BRUCH

Designer: UltraKode 80, 86, 93, 99, 105

DIETER VAN DER EYKEN

Bonaire
Marc Von Stroll


KA12.0



CONGRATULATIONS

PHILIP KÖSTER

WINNER OF THE 2017 PWA GRAN CANARIA WORLD CUP

©Pozo ©John Carter & Georgia Schofield

FRANS

Bonaire © Marc Von Swoll

SARAH-QUITA OFFRINGA

Australia © John Carter

Australia
John Carter

SARAH-QUITA OFFRINGA

oda johanne

Photo © Markus Seidel

RACING

Australia © John Caerter

Australia © John Carter

RACING THE ADRENALINE

2018: we bring more toys than ever to the Racing market to help you reach your goal - regardless of your windsurfing discipline.

Raceboards: introducing the most advanced race board so far - the new Phantom 377L. Significantly improved light wind performance, with out losing anything in high wind. There's also the Phantom One, which is a special design for youth at an affordable price. We believe this class will take off during 2018.

Formula: the new Formula 177 is another step forward to pass through the lulls with ease, upwind or downwind. A massive avantage for reaching the podium positions.

Slalom: in the biggest class where many brands compete, we again refine our slalom weapons to keep the lead and help you to deliver 100% performance and more. Reaching the podium or racing some friends is always a huge adrenaline kick, always with good jokes to finish the day.

Windfoil: a brand new market with several classes trying to find their way. The iSonic 147 Ready to Foil is the best choice for IFCA races and their new 91cm width limit, while our iSonic 157 at 100cm wide can help take off in any competition with amazing lightwind performances.

Whatever the class you race in, we bring the weapons to deliver the maximum adrenaline and performances. Enjoy your season.

Remi Vila
Research & Development

READY TO FOIL

FUTURA FREERACE

90 • 97 • 107 • 117 • 127 • 137

The test-winning freerace board for technical windsurfers looking for the impossible: maximum speed mixed with comfort, control and jibing precision.

WHAT'S NEW?

New Carbon L.C.F construction. Shapes are carried over from 2017: shorter, thinner, wider for more wind range. Added vee for improved comfort and jibing. Added tail area above the cutaways to improve jibing exit speed without affecting straight-line performances. Ultra-light Carbon Reflex technology is available as a limited edition, made to order.

SPEED
POWER
WIND RANGE
EASE OF USE
EARLY PLANING

READY TO FOIL

iSONIC SLALOM

70 • 75 • 80 • 87 • 90 • 97 • 107 • 117
127 • 137 • 147 • 157

Starboard's flagship board range. The cutting edge in windsurf board technology, the lightest, fastest windsurf boards. World Champion 2016, men and women.

WHAT'S NEW?

New 147 and 157 sizes. 117, 127, 137, 147 and 157 are Ready To Foil with reinforced fin boxes. Available in Carbon Reflex and the new Carbon L.C.F technology across all sizes.

SPEED
POWER
WIND RANGE
EASE OF USE
EARLY PLANING

READY TO FOIL

ULTRASONIC FREERACE

• 147 •

The extra-wide iSonic designed specifically for maximum lightwind efficiency. It is longer than the regular iSonics to glide on to the plane more efficiently. When foiling, this makes them more forgiving when touching down and controllable in flight. The footstrap inserts and less boxy rail shape also provide a more comfortable, less powerful stance.

WHAT'S NEW?

Updated graphics. New Carbon L.C.F. construction. The ultralight, limited edition Carbon Reflex remains available. Ready to Foil.

SPEED
POWER
WIND RANGE
EASE OF USE
EARLY PLANING

READY TO FOIL

FORMULA

· 177 ·

The lightwind, course racing powerhouse, with an all new shape and now also ready to foil. Fit the Starboard Race foil and go upwind/downwind faster, more efficiently and at angles you'd never thought possible.

WHAT'S NEW?

Bullet nose: 2cm lower than last year for improved aerodynamics, more control and a smoother transition into planing. The cut-aways are 2cm longer to improve top-end speed and generate more lift from the fin. Thicker, boxier rails improve upwind performance and increase the rider's leverage over the board for more power. Ready to Foil.
Available in Carbon Reflex and Carbon L.C.F.

SPEED
POWER
WIND RANGE
EASE OF USE
EARLY PLANING

READY TO FOIL

FORMULA ONE

· 162 ·

The official Formula Experience equipment package. Formula Experience is the only 100% planing one-design sailing class, with races possible in the widest range of wind and water conditions.

WHAT'S NEW?

Ready to Foil with a reinforced fin box. Updated graphics.

SPEED
POWER
WIND RANGE
EASE OF USE
EARLY PLANING

SLALOM ONE

· 110 ·

The slalom package by Starboard. Available for windsurfing clubs and national associations to purchase distributor-direct. Available for slalom enthusiasts and shops to book a fleet, to organise a private slalom race among friends and customers.

WHAT'S NEW?

This model remains unchanged following the Slalom One windsurfing two-year cycle.

SPEED
POWER
WIND RANGE
EASE OF USE
EARLY PLANING

SLALOM / FORMULA RIGS

6.5 · 7.5 · 8.5 · 9.5 · 11

Formula One: the 9.5 and 11.0 are three-cam racing sails with a wide luff sleeve. Suitable for Formula Racing.
The Slalom One are twin-cam sails with a narrow luff sleeve. Suitable for slalom racing.

WHAT'S NEW?

Improved reinforcements on the foot of the Formula One sails, for added durability.

SPEED
POWER
WIND RANGE
EASE OF USE
EARLY PLANING

PHANTOM RACE RACEBOARD

295 · 299 · 377 · 377L · ONE ·

The most successful, most popular and most advanced raceboards. The Phantom series dominate through sheer technological advantage, with their Bat Wings, slanted mast track concept and raised sides walls.

WHAT'S NEW?

New 377L shape with much improved lightwind performance: thicker to help to get on the rails quicker, avoid diving and staying over the chops all the time. The new slanted mast track is placed 2 cm further back with the daggerboard 2 cm further forwards to make the board more sensitive in light winds and get on the rail quicker. To get planing earlier, the bat wings are wider at 60cm by 3cm but also narrower in the tail to get more top end speed and a better feel of the fin. Available in Carbon Reflex and Carbon L.C.F.

New Phantom One, for direct sales to racing clubs and national associations. It has the same shape as the 299 with a special extra-durable construction.

New technology options: the Phantom 299 shape is available in 3DX, Carbon Reflex and Carbon L.C.F.
The 299 is developped specifically for club and national racing.

PHANTOM RACE 377 - For competing raceboarders under 80kg

PERFORMANCE w/ DAGGERBOARD > 8kn	■■■■■□
PERFORMANCE w/ DAGGERBOARD < 8kn	■■■■■■
WIND RANGE	■■■■■□
NON-PLANING PERFORMANCE	■■■■■■
PLANING PERFORMANCE	■■■□□□

PHANTOM RACE 377L - For competing raceboarders over 80kg

PERFORMANCE w/ DAGGERBOARD > 8kn	■■■■■□
PERFORMANCE w/ DAGGERBOARD < 8kn	■■■■■■
WIND RANGE	■■■■■□
NON-PLANING PERFORMANCE	■■■■■■
PLANING PERFORMANCE	■■■□□□

PHANTOM RACE 299 - For national and recreational raceboarding

PERFORMANCE w/ DAGGERBOARD > 8kn	■■■■■■
PERFORMANCE w/ DAGGERBOARD < 8kn	■■■■■□
WIND RANGE	■■■■■□
NON-PLANING PERFORMANCE	■■■■■◪
PLANING PERFORMANCE	■■■■■■

PHANTOM FREE RACEBOARD

207LITER · 271CM x 78.8CM ·

Raceboarding is fun but very technical. Freeriding is fun but you need planing conditions. The Go Windsurfer is also fun but it's not very high performance. The Phantom Free fills that gap: a fun, high performance freeride raceboard. Less technical than full raceboard, more high performance than a GO Windsurfer.

WHAT'S NEW?

It's an all new board. Take a Phantom shape trimmed down to 271cm, keep the batwings and remove the adjustable mast track and simplify the deck configuration. The board becomes lighter, simpler and more fun for more people, in all conditions.

PERFORMANCE w/ DAGGERBOARD > 8kn	■■■■■■
PERFORMANCE w/ DAGGERBOARD < 8kn	■■■■□□
WIND RANGE	■■■■■■
NON-PLANING PERFORMANCE	■■■■□□
PLANING PERFORMANCE	■■■■■■

iSONIC

WORLD CHAMPION

Starboard's flagship board range. The cutting edge in windsurf board technology, the lightest, fastest windsurf boards on the market. World Champion 2016, men and women.

For 2018: new 147 and 157 sizes.
117, 127, 137, 147 and 157 are Ready To Foil: the fin boxes are reinforced and ready for foiling.

90
Earlier planing and faster jibe exit speed by increasing the width at 60cm by 9mm. This also has a positive incidence on the acceleration that is very important in slalom, where getting to max speed as quick as possible is key to winning. The board rides lower and becomes easier to control.

97
Reduced thickness up to 7mm in nose area to increase control. The cut-aways in the tail have been redesigned to reduce the wetted surface for less drag. Together, you have a board that you can control further, in more winds than before. Highly recommended for medium weight racers as their medium-wind board.

107
This board is a bit bigger this year, 1cm wider and thicker in tail to increase the performances with 8.6 sails, as the gap between 137 and 107 has grown big. To keep the top end speed and performances with a 7.8, we reduced the wetted surface in tail by adjusting the cut-aways. The result: this board accelerates more than before, even with a 7.8. The winning slalom machine for medium and heavy weights in medium wind.

117
Totally new this year, the 117 now draws from the same style as the 127 and 137 with more lightwind emphasis. It is the light weapon for lighter weights and the powerful option for medium to heavy weights in medium winds. Foil Ready.

127
More compact and 2cm shorter. The wetted surface is 2cm narrower at 30cm from the tail (although the total width of the board at this point is only 5mm narrower). The result is earlier planing, quicker acceleration, higher top-speed and improved jibing performance. Foil Ready.

134
This much-loved shape from 2016 makes a return following to the PWA's decision to add foiling as a lightwind alternative to slalom in the 2018 season. While the 137 below is more powerful in lighter winds, the 134 is the preferred choice in windier conditions because of its narrower tail.

137
The new 137 is 3cm shorter. The wetted surface area is 1.7cm narrower at 30cm while the width of the board at this point is 1.3cm narrower. Like for the 127, the result is earlier planing, quicker acceleration, higher top-speed and improved jibing performance. Foil Ready.

147/157
The new 147 size is designed to meet IFCA's updated 91cm limit for slalom racing and the PWA's 91cm for foil racing. Together with the wider 157, they are two hyper-efficient lightwind machines built for racing. They are our most high-performance foil boards.

Features

1 / LOW NOSE CONCEPT for reduced drag and added control
2 / CUT AWAYS for less drag, higher top end speed and quicker acceleration.
3 / DEEP DECK CONCAVE for more control.
4 / DRAKE Mk4 STRAPS for the lowest possible weight when wet.
/ STARBOARD'S FLAGSHIP RANGE, THE CUTTING EDGE IN WINDSURFING TECHNOLOGY.
/ SUPER LIGHT CONSTRUCTION. AVAILABLE IN CARBON REFLEX AND CARBON L.C.F.
/ PLANES EARLY, CONTROLLABLE IN HIGH WINDS: THE WIDEST WIND RANGE.

147 228 X91
157 229 X100
127 229 X83
137 228 X85
107 231 X72
117 228 X77
90 232 X62.5
97 231 X67.5
80 231 X59
87 232 X60
70 232 X50
75 232 X55

MATTEO IACHINO

DEFENDING WORLD CHAMPION MATTEO IN THE LEAD DURING THE 2017 PWA SLALOM RACE IN SOUTH KOREA.
BOARD: iSONIC 127 CARBON REFLEX.

South Korea © John Carey / PWA WORLD

ian FOX


REMI VILA
ISONIC 157


TRISTAN ALGRET
ISONIC 157
STARBOARD

FOIL

GONZALO COSTA HOEVEL

© Ydan © John Carter / PWA

Antoine Questel wins the historical first-ever PWA Foil Race on the Starboard Race foil and the Starbard iSonic 157 Carbon Reflex.

FOIL

· 122 · 147 ·

The 122 is a plug and play freeride foil board: thin for maximum foil control, with 100% sharp rail edges for early planing and a clean water release even when touching down. Recommended for foils up to 75cm deep. The 147 is a balanced and stable foil board with a wider outline and a wider tail giving it more power and stability. Suitable for foils up to 95cm wide and for regular windsurfing.

WHAT'S NEW?

The 122 is a new addition to the range. It is designed purely as a foil board, hence its reduced thickness, flat deck shape, sharp rails all around and relatively wide tail. This gives the board more control, more performance and makes it more forgiving to foil compared to using a classic freeride windsurf board.
122 available in WoodCarbon. 147 available in Technora and Carbon Reflex

FOIL 122	
SPEED	
POWER	
WIND RANGE	
EASE OF USE	
EARLY PLANING	

FOIL 147	
SPEED	
POWER	
WIND RANGE	
EASE OF USE	
EARLY PLANING	

ULTRA

Mast: Carbon 95cm | **Fuselage:** Aluminium 75cm
Front Wing: Carbon 550cm2 | **Tail Wing:** Carbon 255cm2

DESCRIPTION

Our fastest foil for medium to high wind conditions.

SPEED
POWER
STABILITY
WIND RANGE
LIGHT STRONG

SLALOM

Mast: Carbon 95cm | **Fuselage:** Aluminium 75cm
Front Wing: Carbon 550cm2 | **Tail Wing:** Carbon 330cm2

DESCRIPTION

The fast foil for slalom and freerace foiling. The larger tail wing gives more stability compared to the Ultra at a slight expense in top speed.

SPEED
POWER
STABILITY
WIND RANGE
LIGHT STRONG

GT

Mast: Carbon 85cm | **Fuselage:** Aluminium 75cm
Front Wing: Carbon 800cm2 | **Tail Wing:** Carbon 330cm2

DESCRIPTION

The freeride model. This set uses a shorter mast for a lower, easier flight and larger wings for more stability and easier take-off in lighter winds.

SPEED
POWER
STABILITY
WIND RANGE
LIGHT STRONG

RACE

Mast: Carbon 95cm | **Fuselage:** Aluminium 115cm
Front Wing: Carbon 800cm2 | **Tail Wing:** Carbon 255cm2

DESCRIPTION

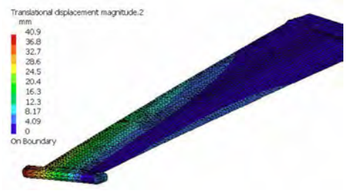
Maximum power, maximum upwind with the earliest take-off. The long fuselage also makes the foil super-stable for progressing foilers. Winner of the first ever PWA foil competition.

SPEED
POWER
STABILITY
WIND RANGE
LIGHT STRONG

WING SADDLES

The key to a good saddle design is width and square, mechanically locking shapes. With a flat and large mating surface that makes the most of the fuselage's width, Starboard's wings bolt-on with ease and allow wings of all shapes and sizes to be fitted. Want to attach your own wings? We supply G10 shimming blocks that allow you to bolt on any wings to the Starboard Modular Foil Platform.

MAST TECHNOLOGY



Forget weight, forget flex: foil masts have to be stiff and torsionally rigid to achieve controlled flight. The stiffer, the more stable. And the more stable, the more control and more performance the foil delivers. Starboard masts are built in 100% pre-preg carbon, with forty layers of wrapped high-modulus uni-axial, bi-axial and tri-axial Toray carbon hydraulically pressed, heated and fused into one monolithic mast of incredible stiffness.

The shape of our mast has also been optimized for flexural and torsional stiffness. Computer-simulated analysis shows the Starboard mast, by virtue of its shape alone, is already up to 52% stiffer than a traditional mast.

WING TECHNOLOGY

We found G10 wings and glass fibre wings to flex too much, no matter what we tried. Flex reduces control and stability. Since thicker wings would reduce performance, we chose to make all Starboard Wings in 100% pre-preg Toray carbon. Like for the mast, stiffer wings equal controlled and stable flight.

To insulate the carbon wings from the aluminium fuselage, we've built an insulating layer of fibre glass into the saddle, shielding the carbon wings from the aluminium fuselage. This can be seen as the solid black area in the photo above.

FUSELAGE TECHNOLOGY

Aluminium. Why aluminium? A-B testing repeatedly found aluminium fuselages to outperform carbon fuselages in spite of their weight and the extra care needed to avoid corrosion. The longer the fuselage, the more apparent it became: unlike masts or wings that are thin, because of the solid, circular cross-section of a fuselage, not only is an aluminium fuselage stiffer, it is also tougher, stronger and torsionally more rigid. Since added weight is not a disadvantage in foils, possibly even an advantage, we chose 6061 aluminium for the fuselage construction.

FUSELAGE FITTING

A super stiff mast, a hyper-rigid fuselage and full carbon wings would all go to waste if the fuselage fitting wasn't up to par. So we designed our own patent-pending fuselage fitting that not only allows for convenient disassembly, it also allows four lateral bolts to crank up the fitting pressure between the mast and the fuselage to the max, enhancing torsional rigidity and creating a single, fused high performance unit. Three Torx bolts on the bottom carry the vertical loads. When the fuselage fitting could be the weakest link in a foil construction, our system turns the design equation upside down, making the connection a stronger and stiffer link than had we made a single-piece mast fuselage combination.

FIN AND FOIL BOX COMPATABILITY

Our mast head is compatible with tapered windsurf-style Deep Tuttle fin boxes or flat-bottomed foil boxes found in some foil boards. The elongated holes allow the bolts to rotate and adapt to both angles: parallel or tapered. The stainless steel nuts are oversized and deeply recessed into the head for maximum strength. In our crash tests, the bolts bent and the board's fin box hole broke first. The mast and the locking nuts in the mast head survive with scrapes and bruises.

WHY TORX?

Foils need to be disassembled and reassembled every session and each bolt needs to have a high amount of torque applied to create a stiff, high-performance unit. Hex, Flat and Philips may be more common but they eventually wear out and become frustrating to use. Torx is mechanically more robust and reliable by design. At the end of the day, that's most important.

A Torx tool is supplied with every foil set.

Greece Adonis Perrohilos

SEBASTIAN KOERDEL

FREERIDE AND PROGRESSION

TATY FRANS

Bonaire © Marc Von Swoll

CARVEIQ FREERIDE

·104 · 114 · 124 · 131 · 141 · 151 ·

Pure freeride boards that merge the AtomIQs and the Carve into one. The three smaller sizes are slim, thin and compact, replacing the AtomIQs. More aggressive, maneuverable boards with an exciting, connected feel and a very fast ride. The three larger sizes are longer and more stable, designed with plug-and-play philosophy. Maximum performance with minimum fuss. They replace the Carves.

WHAT'S NEW?

114, 124, 134, compared to the AtomIQs: 8cm shorter for more control and a more responsive board. Wider tail for more back-foot power. Deeper concaves for added grip. More Vee for improved jibing and comfort through chop.
131, 141, 151, compared to the Carves: 6cm shorter for more control and maneuverability but keeping the same long, flat profiles to glide easily onto the plane. Deeper concaves for added grip. More Vee for improved jibing and comfort through chop.
Available in our Carbon L.C.F technology, Flax Balsa and 3DX

SPEED
POWER
WIND RANGE
EASE OF USE
EARLY PLANING

ATOMIQ DUO FREERIDE

·114 · 124 · 130 ·

Our dual-purpose board: for kids to learn to windsurf on, for adults to blast and freeride on. Features like the removable centre fin, the large soft deck area, carry handles and footstrap positions for all levels make it great for kids.

WHAT'S NEW?

Easier to learn on, more fun to ride. The AtomIQ Duo replaced the Kode Tufskin with a slimmer shape that makes it more stable to learn on, more maneuverable and responsive to freeride on.
Starboards exclusive 3DX construction makes it crisper and stiffer than other boards in its price segment.

SPEED
POWER
WIND RANGE
EASE OF USE
EARLY PLANING

GO PROGRESSIVE

·121 · 131 · 141 · 151 · 161 ·

One for all. The iconic and irreplaceable GO board: the progressive boards for improving beginners to fully advanced windsurfers.

WHAT'S NEW?

The 2018 GO carry-over from 2017, with shapes identical to the wider, slimmer Carves. Built in the crisper, stiffer 3DX construction. The centre-fin box for beginner windsurfing is now standard across all sizes. The GO has the most premium graphics, design and construction in its segment.

SPEED
POWER
WIND RANGE
EASE OF USE
EARLY PLANING

GO WINDSURFER PROGRESSIVE

· 175 · 195 ·

A variation of the GO with more glide in non-planing conditions and a fully-retractable daggerboard. A bestseller and our recommendation as a windsurfer's first board.

WHAT'S NEW?

Two sizes are available. Both have a nice even volume distribution that improves pitch stability. The wider and thinner outlines improve roll stability. Overall: more lightwind glide, more highwind control, more highwind comfort and easier to get planing with their efficient «bullet nose» low-rockers.

SPEED
POWER
WIND RANGE
EASE OF USE
EARLY PLANING

CARVEIQ
PLUG AND PLAY

131 - 141 - 151

These three larger sizes are designed for easy planing. They are longer with smooth profiles that glide on to the plane effortlessly. For 2018, the squash nose aims to reduce deadweight at the tip of the nose without afffecting the easy of getting planing. As result, the boards have more high wind control and feel more reactive.

We've also added more vee throughout the board to improve the jibing qualities and make them smoother across rough, choppy conditions.

104 - 114 - 124

These three sizes are extra-short: for more control in highwinds, making them more reactive and maneuverable. The tails are wider than last year, making them more stable at speed with more power to go upwind: a wider wind range overall. To improve jibing and liveliness at speed, we added more vee across the bottom.

WHY THIN?

The CarveIQs are all designed a thin profile, a Starboard innovation first introduced in 2010. A thin profile lowers the board's centre of gravity, making the board more sporty, more stable, more controlled and more reactive.

For advanced riders - choose your board size by width. This means your thin board will have less volume for improved control and less dead weight. A thin board will feel sharp and reactive.

For progressing riders - choose by volume. This means your thin board will be wider for the same volume, giving you added stability.

104 231 X71.5
114 231 X76
124 230 X81
131 246 X81.5
141 246 X83.5
151 246 X84

CONTOURED DECK SHAPE
Easy and comfortable to ride in the footstraps

PARALLEL RAILS
More glide, more directional traction, more stability

RIO LONG TAIL

· SMALL (196L) · MEDIUM (219L) · LARGE (259L) ·

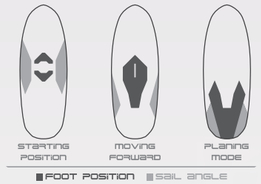
The go-to board for entry-level windsurfing and schools. The combination of a long tail design with bat-wings, thick boxy rails, low nose rocker and a flat deck make it glide better than a conventional beginner board yet with more stability. The long tail design also makes the Rio the board that transitions the easiest into planing.

The Low Nose Profile with wide shoulders and parrallel rails increases gliding speed and stability. The contoured deck shape gives added comfort to central footstrap positions and makes it easier to put pressure on the rails.

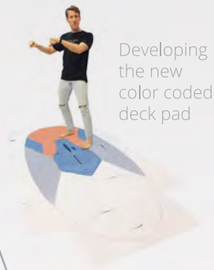
All sizes include the Long Tail technology for the easiest transition into planing. Built in ArmourTech and available in two finishes: standard and all-white School Edition.

LONG TAIL CONCEPT
Glide on to the plane without having to overcome technical difficulty.

LOW NOSE PROFILE
More glide, more stability



CONTOURED DECK SHAPE
Easy and comfortable to ride in the footstraps



Developing the new color coded deck pad

COLOR CODED DECK

START

· MEDIUM (238L) · LARGE (246L) ·

The World's most stable windsurf board. Popular with windsurfing schools as the first board to teach beginners on. Color-coded deck gives the rider an intuitive guide for how to position feet and angle the sail when uphauling, cruising or planing. The colours also make it easier for the instructor to show where the student should place their feet. With its exceptional stability, there is no easier board to learn windsurfing on than the Start.

WHAT'S NEW?

New deck EVA with tough High Density (HD) rails for improved durability. The HD EVA extends over the nose and tail where the boom drags across when uphauling the sail. New colours and a refreshed, modern graphic design.

THERMOFORMED, HIGH DENSITY ABRASION-RESISTANT RAILS, TAILS AND NOSE.

SARAH-QUITA OFFRINGA

Australia · John Carter

santina PILLONEL

Australia © Jens Carter

WINDSUP AND INFLATABLES

anne-marie reichman

tiffany ward

Maui

John Caerter

AIRPLANE

• 230 • 242 • 255 • 270 • 290 •

The innovative inflatable windsurf boards capable of full planing and full carve jibing. The 290 includes a fully-retractable daggerboard.

WHAT'S NEW?

We improved top speed, reduced drag and made the AirPlanes easier to get planing by enclosing the box permanently in the board. It is glued in place and no longer removable, which also makes the board simpler to set up. The bottom shape in the tail becomes clean and more streamlined.
The construction is upgraded with a new double-layer, low-extension drop-stitch technology for added stiffness, improved durability, higher resistance to puncture, improved shape stability over time and reduced weight.
New removable centre fin box. New integrated deck plate for simpler assembly and a stiffer feel. New roller bag made from recycled plastic bottles.

INFLATABLE	YES NO
PADDLEBOARDING	
WINDSURFING (BEGINNER)	
WINDSURFING (PLANING)	

AIRPLANE

• 290 SCHOOL EDITION •

A popular choice for windsurfing schools and clubs. The AirPlane 290 School Edition keeps the same daggerboard as the standard 290 but comes without footstrap fittings, advanced graphics, pump or bag.

WHAT'S NEW?

The deck plate is integrated into the board, making the board simpler to set up. The mushroom mast insert system remains. It is inserted into the board from the bottom, making it the safest and most reliable mast insert system.

INFLATABLE	YES NO
PADDLEBOARDING	
WINDSURFING (BEGINNER)	
WINDSURFING (PLANING)	

WINDSUP INFLATABLE

• CONVERSE • JUNIOR • WHOPPER • BLEND • TOURING • ATLAS •

Compact, light and strong; you can go paddleboarding, learn windsurfing and get planing with footstraps. It's great to teach kids to windsurf and it rolls up into a bag. The Deluxe version adds a full daggerboard case for extra windsurfing performance.

WHAT'S NEW?

Deluxe: New double-layer, low-extension drop-stitch technology for added stiffness, improved durability, higher resistance to puncture, improved shape stability over time and reduced weight.

Zen: New removable centre fin box. New integrated deck plate for improved user-experience. New roller bag made from recycled plastic bottles.

INFLATABLE	YES NO
PADDLEBOARDING	
WINDSURFING (BEGINNER)	
WINDSURFING (PLANING)	

WINDSUP

• CONVERSE • WHOPPER • BLEND • ATLAS • FREERIDE •

Boards that cover windsurfing and paddle boarding in one. Each WindSUP is based on a popular Starboard paddleboard shape and have an added mast track and centre-fin box to plug in a sail and centre-fin for windsurfing use. A great choice for sharing windsurfing, paddle boarding with friends and family.

WHAT'S NEW?

The soft deck ASAP and the painted, polished StarShot offer our two lowest price points with the choice between a full soft-deck finish or hard painted deck finish. StarLite is an upgraded version of StarShot with an impact-resistant Carbon Innegra rail finish and a more premium graphic design.

INFLATABLE	YES NO
PADDLEBOARDING	
WINDSURFING (BEGINNER)	
WINDSURFING (PLANING)	

AIRPLANE

AIR IN THE BOARD
WIND IN THE SAIL

THE INNOVATIVE INFLATABLE WINDSURFING BOARD

CAPABLE OF FULL PLANING AND FULL CARVE JIBING

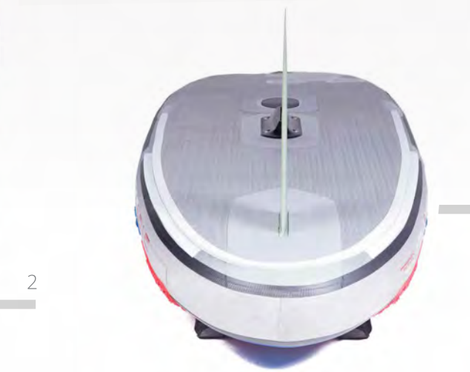
The Airplane is the board for those who are looking for mobility, yet want a fun and high performance experience. The boards are for everyone - from the experienced full planing user to the young kids of the sport. It's light, durable, fast and rolls up into a bag.

Starboard innovation:
DOUBLE RAIL EDGE: The Starboard invention that created the planing inflatable windsurfing board segment. The rail edge runs along the rails of the board, creating a hard edge that allows for a clean water release and higher speed. For 2018, we've re-positioned the Rail Edge to improve grip while carve jibing.

Starbord exclusive:
HIGHER PERFORMANCE OR EXTRA UPWIND GRIP
The smaller sizes (230, 242, 255 and 270) come with a removable center fin box. Remove both box and fin for advanced windsurfing with more speed and less weight. Reattach when learning or when upwind performance is preferred.

Starbord exclusive:
FOOTSTRAPS: 7mm thin insert plates are glued to the board's surface. The footstraps bolt into the embedded brass plate and two male pins connect through the footstrap for a twist-free fitting.

Starbord innovation:
MAST TRACK: To make the mast insert system extra safe and strong, we insert it from underneath the board. A deck plate distributes the top load over a large area for added stiffness.

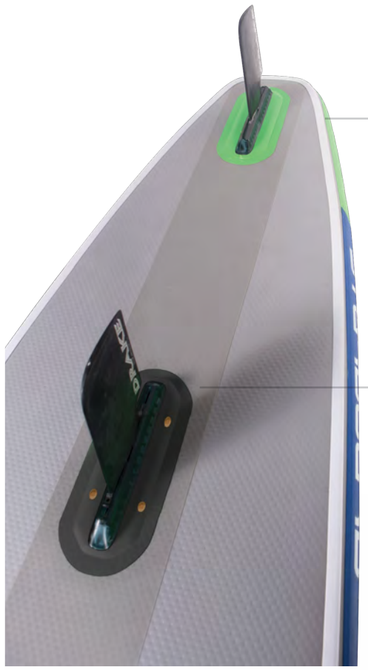


Features

1 / MUSHROOM MAST TRACK SYSTEM for the safest sail attachment system.
2 / GLUED-IN FIN BOX for improved top speed, reduced drag and earlier planing.
3 / DOUBLE RAIL EDGE for improved carve jibing performance.
4 / REMOVABLE CENTER FIN BOX for less weight and less drag when removed.
5 / REMOVABLE FOOTSTRAPS: feels like regular footstraps.
/ LIGHT WEIGHT CONSTRUCTION. For easier handling on and off water.
/ ROLLER WHEEL BAG made from recycled plastic bottles.
/ FOOTSTRAPS partly made from recycled plastic bottles

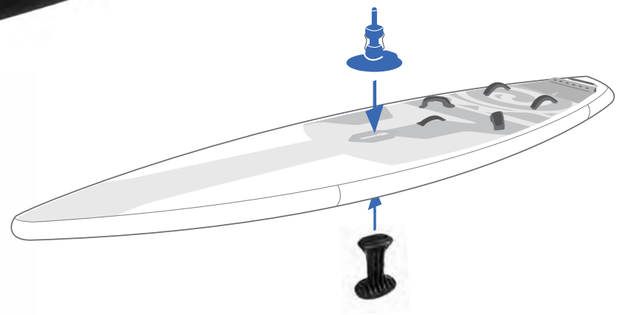
230 X65 · 242 X72 · 255 X78 · 270 X84 · 290 X90 · 290 X90 SCHOOL EDITION

STARBOARD INNOVATIONS



RAIL EDGE: the rail edge runs along the rails of the board, creating a hard edge that allows for a clean water release and the board to get planing.

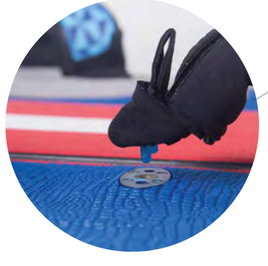
ZEN models have a removable center fin. Remove the box for a better paddling experience without added weight or drag. Attach the centre fin to prevent the board from drifting sideways when windsurfing.



To make the mast insert system extra safe and strong, we insert it from underneath the board. A deck plate distributes the top load over a large area for added stiffness.

DELUXE models have a retractable daggerboard for better upwind performance.

FOOTSTRAPS: easily removable for a clean deck when paddling, the footstrap gives you greater control for when windsurfing at speed.



CHOOSE YOUR BOARD

Converse: the compact stable model for kids

Junior: the fast high-performance model for kids

Whopper: the favorite all-rounder, ideal for surfing, progressing and cruising.

Blend: similar to the Whopper, adding more glide and a little less stable.

Atlas: maximum stability. A solid platform for even the heaviest of riders.

Freeride: The authentic Windsurfer experience is back, with a unique and seamless transition from gliding to planing. The deep-vee double- concave nose absorbs chop. It is a fast all-round racer as a stand-alone SUP board. Available in two widths: 30" for more glide, 32" for more stability.

Touring: inflatable-only flat water fast shapes that glide effortlessly.

The Blend and Freeride are available as a Waterman Package, complete with paddle and sail.

WINDSUP SAILS

Starboard's WindSUP sail is a great addition to any SUP board fitted with a sail connection. It is light, powerful and designed specifically for paddleboards.

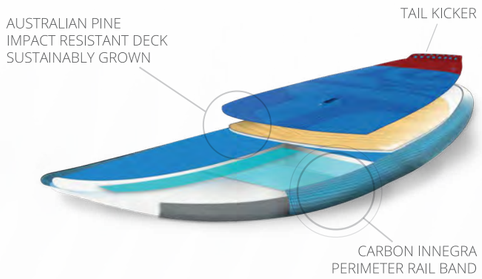
The Compact version of the WindSUP sail package includes a four-piece mast and a three-piece boom, collapsing into a small bag that's convenient to carry and store. The regular version of the WindSUP sail uses a regular two piece mast and boom.

Available in 5.5 and 6.5m2

STARLITE BIO RESIN

Our premium WindSUP board technology with an extra durable Carbon Innegra perimeter rail band that adds extra stiffness and performance.

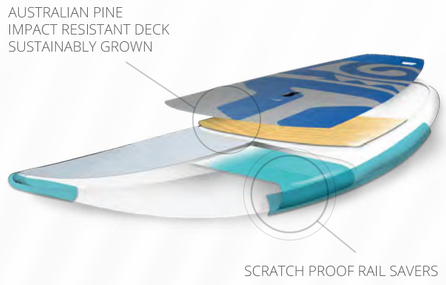
PERFORMANCE
STRENGTH
COMFORT
PRICE



STARSHOT BIO RESIN

The entry level hard board construction, our toughest board with a premium polished finish and a great price.

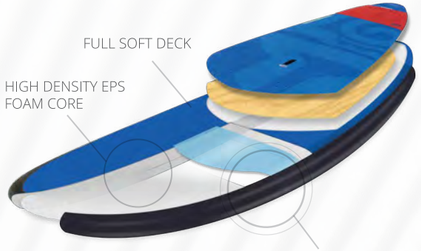
PERFORMANCE
STRENGTH
COMFORT
PRICE



A.S.A.P BIO RESIN

As Strong As Possible: tough like the StarShot and with a full soft deck for added comfort. The rails are also wrapped in high density, thermoformed EVA for added protection. Our most afforable technology option.

PERFORMANCE
STRENGTH
COMFORT
PRICE



DELUXEINFLATABLE

/ USED FOR ALL WINDSUP DELUXE AND AIRPLANES, EXCEPT THE AIRPLANE 230
/ 6" THICK, HIGH DENSITY, LOW EXTENSION AND EXTRA STIFF DROPSTITCH CONSTRUCTION
/ DELUXE WINDSUPS ALL INCLUDE A RETRACTABLE DAGGERBOARD

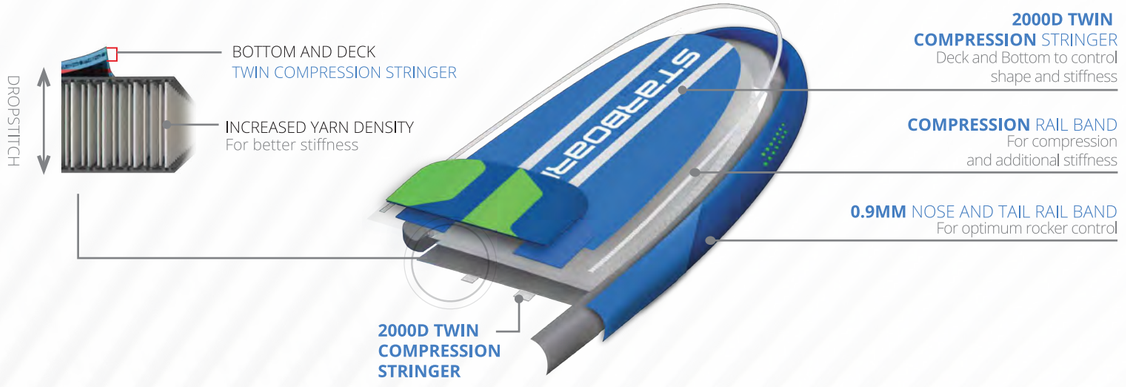
FUSIONTECHNOLOGY
Top and bottom layers are fused in a single, glueless process.

STIFFESTTECHNOLOGY
The UD dropstitch and 3K Carbon fibre compression rail band adds outstanding rigitidy.

CLEANESTTECHNOLOGY
The deck and bottom lamination process is free of glue and solvent using stricter rules in plasticizer. The packaging of the board has been redesigned to be free of plastic.

ZEN

/ 6" THICK FOR EXTRA STIFFNESS, EXCEPT CONVERSE AND AIRPLANE 230 THAT USES 4.75" TO PRIORTIZE CONTROL AND STABILITY
/ ALL ZEN MODELS ARE FITTED WITH A REMOVABLE CENTER FIN BOX




BOUJMAA GUILLOUL


ALBERT PIJOAN
KEVIN PRITCHARD
BOUJMAA GUILLOUL

ANNE-MARIE REICHMAN

SARAH-QUITA OFFRINGA

A.I.R FreeWave | Kode FreeWave | Ultra Kode | Liam Pro Model | KP Pro Model | Boujmaa Pro Model | Flare

CarveIQ | AtomIQ Duo | Go | Go WindSurfer | Rio Long Tail | Start | Gemini Mark II

MODEL	LENGTH	WIDTH	TAIL WIDTH	FIN (BY DRAKE, UNLESS STATED OTHERWISE)	FIN BOX	REC SAIL SIZE	WEIGHT (KG) CARBON REFLEX	CARBON L.C.F	FLAX BALSA	3DX / TUFSKIN	ARMOUR TECH
A.I.R FreeWave **83**	221	59.5	41.8	Stone Surf 19 + 2x Natural Wave 10	US + 2x StarBox	3.5 - 5.7	5.8	6.3	-	-	-
A.I.R FreeWave **93**	222	61.5	41.2	Rush 20 + 2x Natural Wave 10	US + 2x StarBox	3.7 - 6.0	5.9	6.5	-	-	-
A.I.R FreeWave **103**	222	65	44.8	Rush 21 + 2x Natural Wave 10	US + 2x StarBox	4.0 - 6.5	6.3	6.9	-	-	-
Kode FreeWave **86**	229	59.5	38.5	MFC TF 19 + 2x Natural Wave 110	US + 2x StarBox	4.0 - 6.0	5.9	6.5	-	-	-
Kode FreeWave **94**	231	61.5	38.5	MFC FreeWave 28	US + 2x StarBox	4.5 - 6.5	6.05	6.7	-	-	-
Kode FreeWave **103**	231	65	41.7	MFC FreeWave 30	US + 2x StarBox	5.0 - 7.0	6.35	6.9	-	-	-
Kode FreeWave **109**	231	66	42.7	MFC FreeWave 30	US + 2x StarBox	5.5 - 7.5	6.45	7.1	-	-	-
UltraKode **65** Liam Pro Model	210	52.5	35.6	Stone Surf 17 + 2x Stone Surf 10	US + 2x StarBox	3.0 - 5.0	5.3	6	-	-	-
UltraKode **78** Boujmaa Pro Model	219	54	33.2	Boujmaa Set (MFC TF 17 + 2x MFC TF 10)	US + 2x StarBox	3.3 - 5.3	5.6	6.25	-	-	-
UltraKode **86** Kevin Pritchard Pro Model	229	55.5	33.9	Kevin Set (MFC TF 17 + 2x MFC TF 11)	US + 2x StarBox	3.5 - 5.5	6.1	6.9	-	-	-
UltraKode **72**	217	53.5	36.5	Stone Surf 18 + 2x Stone Surf 11	US + 4x StarBox	3.0 - 5.0	5.6	6.1	-	-	-
UltraKode **76**	219	55	36.7	Stone Surf 18 + 2x Stone Surf 11	US + 4x StarBox	3.3 - 5.3	5.8	6.3	-	-	-
UltraKode **80**	223	58	37.1	Stone Surf 19 + 2x Stone Surf 11	US + 4x StarBox	3.5 - 5.5	5.9	6.4	-	-	-
UltraKode **86**	224	59	37.1	MFC TF 18 + 2x MFC TF 12	US + 4x StarBox	3.5 - 5.5	6.1	6.6	-	-	-
UltraKode **93**	226	61	38.6	MFC TF 19 + 2x MFC TF 12	US + 4x StarBox	4.0 - 6.0	6.2	6.8	-	-	-
UltraKode **99**	230	62.5	39.7	MFC TF 20 + 2x MFC TF 12	US + 4x StarBox	4.5 - 6.5	6.4	7.0	-	-	-
UltraKode **105**	234	65.5	41.2	MFC TF 21 + 2x MFC TF 12	US + 4x StarBox	4.5 - 6.5	6.6	7.2	-	-	-
Flare **81**	227	57.5	37.5	Ready Freestyle 17	PowerBox	2.5 - 5.5	5.7	5.9	-	-	-
Flare **93**	223	63	39.3	Ready Freestyle 18	PowerBox	4.5 - 6.0	6.1	6.3	-	-	-
Flare **103**	223	65	41	Ready Freestyle 19	PowerBox	5.0 - 6.8	6.2	6.6	-	-	-
Flare **113**	224	68.5	43.2	Ready Freestyle 21	PowerBox	5.5 - 6.8	6.4	6.8	-	-	-
CarveIQ **104**	231	71.5	44.1	Freeride Power 36	TuttleBox	5.0 - 8.0	-	6.7	TBC	8.4	-
CarveIQ **114**	231	76	47.5	Freeride Power 38	TuttleBox	5.5 - 8.5	-	7.0	TBC	8.8	-
CarveIQ **124**	230	81	50.5	Freeride Power 40	TuttleBox	6.0 - 9.0	-	7.3	TBC	9.1	-
CarveIQ **131**	246	81.5	48.6	Freeride Power 44	TuttleBox	6.0 - 9.0	-	7.6	TBC	9.2	-
CarveIQ **141**	246	83.5	50.9	Freeride Power 46	TuttleBox	6.5 - 9.5	-	7.8	TBC	9.5	-
CarveIQ **151**	246	84	51.6	Freeride Power 48	TuttleBox	6.5 - 9.5	-	7.9	TBC	9.8	-
AtomIQ DUO **114**	239	75.5	46.6	Freeride Power 38 + Shallow 41	2x TuttleBox	5.0 - 8.0	-	-	-	9.1	-
AtomIQ DUO **124**	239	78	50.1	Freeride Power 40 + Shallow 41	2x TuttleBox	5.5 - 8.5	-	-	-	9.5	-
AtomIQ DUO **130**	239	84	50.7	Freeride Power 44 + Shallow 41	2x TuttleBox	6.5 - 9.5	-	-	-	9.9	-
Go **121**	251	75.5	47.5	Freeride Power 42 + Plug	2x TuttleBox	5.0 - 8.0	-	-	-	9.4	-
Go **131**	252	81	48.4	Freeride Power 44 + Plug	2x TuttleBox	5.5 - 9.0	-	-	-	9.9	-
Go **141**	251	83.5	51.2	Freeride Power 46 + Plug	2x TuttleBox	6.0 - 9.5	-	-	-	10.3	-
Go **151**	251	86.5	53.9	Freeride Power 50 + Plug	2x TuttleBox	6.5 - 10.0	-	-	-	10.8	-
Go **161**	250	86.5	54	Freeride Power 50 + Plug	2x TuttleBox	7.0 - 10.0	-	-	-	11.5	-
Go WindSurfer **175**	268	83	54.1	Freeride Power 50 + DaggerBoard 570	Deep TuttleBox	7.0 - 10.0	-	-	-	12.6	-
Go WindSurfer **195**	271	87.5	56.7	Freeride Power 52 + DaggerBoard 570	Deep TuttleBox	7.5 - 10.5	-	-	-	13.2	-
Rio **S Long Tail** (196L)	295	79	54.2	Shallow 310 + Daggerboard 570	TuttleBox	2.0 - 9.5	.	-	-	-	13.2
Rio **M Long Tail** (219L)	308	81.5	55.7	Shallow 410 + Daggerboard 570	TuttleBox	2.0 - 9.5	.	-	-	-	14.2
Rio **L Long Tail** (259L)	333	86.5	60.8	Shallow 410 + Daggerboard 570	TuttleBox	2.0 - 9.5	.	-	-	-	15.9
Rio **XL** (266L)	336	82.5	48.1	Shallow 220 + Daggerboard 620	TuttleBox	2.0 - 9.5	.	-	-	-	18
START **M** (238L)	284	94.5	74.3	Shallow 410 + Daggerboard 570	TuttleBox	2.0 - 9.0	-	-	-	-	16.9
START **L** (248L)	285	100.5	81.1	Shallow 410 + Daggerboard 570	TuttleBox	2.0 - 9.0	-	-	-	-	17.5
Gemini **Mark II** (384L)	399	100.5	87.2	Race 70 + Daggerboard 570	TuttleBox + US-box	3.5 - 11.0	-	-	-	27.3	-
Futura **90**	233	62	40.7	Slalom DW 34 Ready To Race	FoilBox	4.0 - 7.0	5.35	5.9	-	-	-
Futura **97**	235	67	44.4	Slalom DW 36 Ready To Race	FoilBox	4.5 - 7.5	5.6	6.15	-	-	-
Futura **107**	235	71	46.6	Slalom DW 38 Ready To Race	FoilBox	5.0 - 8.0	6.1	6.7	-	-	-
Futura **117**	231	77.5	46	Slalom DW 42 Ready To Race	FoilBox	5.5 - 9.0	6.4	6.85	-	-	-
Futura **127**	230	83	52.3	Slalom DW 44 Ready To Race	FoilBox	6.0 - 9.5	6.85	7.4	-	-	-
Futura **137**	231	88	54	Slalom DW 46 Ready To Race	FoilBox	6.5 - 10.0	7.0	7.7	-	-	-

Futura | iSonic | UltraSonic | Formula | Formula ONE | Slalom ONE | Phantom 299 | Phantom 377

Foil 122 | Foil 147

AirPlane | WindSUP | WindSUP Inflatable

	MODEL	LENGTH	WIDTH	TAIL WIDTH	FIN (BY DRAKE, UNLESS STATED OTHERWISE)	FIN BOX	REC SAIL SIZE	WEIGHT (KG) CARBON REFLEX	CARBON L.C.F	FLAX BALSA / TECHNORA	3DX
	iSonic Speed **Luderitz Special**	225	44	25.6	Without fin. *Rec. Fin:* Drake Slalom 28	TuttleBox	4.5 - 5.6	4.4	4.6	-	-
	iSonic Speed Slalom **70**	232	50	32.2	Without fin. *Rec. Fin:* Drake Slalom 30	TuttleBox	4.7 - 6.2	4.6	4.9	-	-
	iSonic Speed Slalom **75**	232	55	35.7	Without fin. *Rec. Fin:* Drake Slalom 32	TuttleBox	4.7 - 6.2	4.9	5.2	-	-
	iSonic Speed Slalom **80**	231	59	37.4	Without fin. *Rec. Fin:* Drake Slalom 32	TuttleBox	5.1 - 7.0	5.05	5.4	-	-
	iSonic Speed Slalom **87**	232	60	38.3	Without fin. *Rec. Fin:* Drake Slalom 34	TuttleBox	5.1 - 7.0	5.25	5.6	-	-
	iSonic Speed Slalom **90**	232	62.5	39.8	Without fin. *Rec. Fin:* Drake Slalom 34	TuttleBox	5.6 - 7.8	5.4	5.7	-	-
	iSonic Slalom **97**	231	67.5	45.4	Without fin. *Rec. Fin:* Drake Slalom 36	TuttleBox	5.6 - 8.2	5.9	6.2	-	-
	iSonic Slalom **107**	231	72	48.7	Without fin. *Rec. Fin:* Drake Slalom 38	TuttleBox	6.2 - 8.6	6.1	6.4	-	-
	iSonic Slalom **117**	228	77	54.4	Without fin. *Rec. Fin:* Drake Slalom 42	FoilBox	7.0 - 9.2	6.95	7.3	-	-
	iSonic Slalom **127**	229	83	59	Without fin. *Rec. Fin:* Drake Slalom 46	FoilBox	7.8 - 9.5	7.2	7.4	-	-
	iSonic Slalom **134**	228	85	58	Without fin. *Rec. Fin:* Drake Slalom 46	FoilBox	7.8 - 10.0	7.2	7.4	-	-
	iSonic Slalom **137**	228	85	59.8	Without fin. *Rec. Fin:* Drake Race 48	FoilBox	7.8 - 10.0	7.3	7.6	-	-
	iSonic Slalom **147**	228	91	69.4	Without fin. *Rec. Fin:* Drake Race 52	FoilBox	6.0 - 10.0	7.6	7.9	-	-
	iSonic Slalom **157**	229	100	76.3	Without fin. *Rec. Fin:* Drake Race 58	FoilBox	6.5 - 10.0	8.05	8.35	-	-
	UltraSonic **147**	241	95	66	Race 58 Ready To Race	FoilBox	7.8 - 12.0	7.8	8.15	-	-
	Formula **177**	228	100.5	50.7	Without fin. *Rec. Fin:* Z Fins 70	Foil Box	8.5 - 12.5	9.4	-	-	-
	Formula **ONE** (177L)	228	100.5	50.7	R13 70 Ready To Race	Foil Box	8.5 - 12.5	-	-	-	11.7
	Slalom **ONE** (110L)	230	75.5	87.3	Slalom DW 38 + 42 Ready to Race	Deep TuttleBox	7.0 - 9.2	-	-	-	8.5
	Phantom **Free** (207L)	271	79	46.4	Freeride Power 52 + Daggerboard Star Free	Deep TuttleBox	5.0 - 8.5	-	-	-	TBC
	Phantom **295 L** (218L)	295	72	52	Venom 54 + Daggerboard Star 295 L	Deep TuttleBox	5.5 - 9.5	-	-	-	13.2
	Phantom **299** (256L)	299	69	50.1	Race 58 Ready To Race + Daggerboard Star 377 L	Deep TuttleBox	6.5 - 9.5	12.1	13.1	-	-
	Phantom **299 ONE** (256L)	299	69	50.1	Race 58 Ready To Race + Daggerboard Star 377 L	Deep TuttleBox	6.5 - 9.5	-	13	-	-
	Phantom **377** (263L)	377	67	49.1	Race 52 Ready To Race + Daggerboard Star 780	Deep TuttleBox	6.5 - 9.5	13.2	14.5	-	-
	Phantom **377L** (331L)	377	68	49.5	Race 52 Ready + Daggerboard Star 377 L Blue WL	Deep TuttleBox	6.5 - 9.5	TBC	TBC	-	-
	Foil **122**	229	82.5	62.2	Without Fin	FoilBox	4.5 -8.5	-	-	TBC	-
	Foil **147**	241	95	66	Without Fin	FoilBox	5.5 - 9.8	8.3	-	9.5	-
								A.S.A.P STARLIGHT		STARSHOT DELUXE	ZEN
Inflatable DELUXE	AirPlane **230** (136L)	230	65	-	Freeride Power 40 + Shallow 22	TuttleBox + US-box	2.0 - 8.5	-	-	- TBC	-
Inflatable DELUXE	AirPlane **242** (201L)	242	72	-	Freeride Power 40 + Shallow 22	TuttleBox + US-box	2.1 - 8.5	-	-	- TBC	-
Inflatable DELUXE	AirPlane **255** (229L)	255	78	-	Freeride Power 42 + Shallow 22	TuttleBox + US-box	2.0 - 6.5	-	-	- TBC	-
Inflatable DELUXE	AirPlane **270** (261L)	270	84	-	Freeride Power 42 + Shallow 22	TuttleBox + US-box	2.0 - 7.5	-	-	- TBC	-
Inflatable DELUXE	AirPlane **290** (290L)	290	90	-	Shallow 41 + Daggerboard 570	TuttleBox + Clipper-box	2.0 - 7.5	-	-	- TBC	-
Inflatable DELUXE	AirPlane **290 School Edition** (290L)	290	90	-	Shallow 41 + Daggerboard 570	TuttleBox + Clipper-box	2.0 - 7.5	-	-	- TBC	-
Inflatable DELUXE	WindSUP **Converse 9'0" x 30"** (137L)	277	77.5	-	4x 4.5" + 6" 3/4	US-Box + 4 Surf fin Z	4.7 - 6.0	10.3	10.2	10.2	-
Inflatable DELUXE	WindSUP **Whopper 10'0" x 35"** (191L)	306	85.5	-	2x 4.7" + 6" 3/4 + Shallow 41	US-Box + 2 Surf fin Z + DT	4.0 - 7.0	12.0	11.9	11.9	-
Inflatable DELUXE	WindSUP **Blend 11'2" x 32"** (185L)	345	77.5	-	2x 4.5" + 8" + Shallow 41	US-Box + 2 Surf fin Z + DT	4.5 - 7.5	12.1	12.1	12.0	-
Inflatable DELUXE	WindSUP **Atlas 12'0 x 33"** (205L)	370	82	-	8" + Shallow 41	US-Box + Deep Tuttle	4.5 - 7.5	14.6	14.6	14.6	-
Inflatable DELUXE	WindSUP **FreeRide 12'2" x 30"** (238L)	373	75	-	Race 24" + Shallow 41	US-Box + Deep Tuttle	4.5 - 7.5	14.1	14.0	14.15	-
Inflatable DELUXE	WindSUP **FreeRide 12'2" x 32"** (254L)	368	81.5	-	Race 24" + Shallow 41	US-Box + Deep Tuttle	4.5 - 7.5	14.2	14.2	14.2	-
Inflatable DELUXE	WindSUP **Whopper 10'0" x 35"** (300L)	305	89	-	Shallow 22 + Daggerboard 570	US-box + ClipperBox	2.5 - 7.0	-	-	- TBC	-
Inflatable DELUXE	WindSUP **Blend 11'2" x 32"** (330L)	341	81.5	-	Shallow 22 + Daggerboard 570	US-box + ClipperBox	3.0 - 7.0	-	-	- TBC	-
Inflatable DELUXE	WindSUP **Touring 11'6 x 30"** (299L)	354	76	-	Shallow 22 + Daggerboard 570	US-box + ClipperBox	3.5 - 7.5	-	-	- TBC	-
Inflatable DELUXE	WindSUP **Atlas 12'0" x 33"** (364L)	366	84	-	Shallow 22 + Daggerboard 570	US-box + ClipperBox	3.5 - 7.5	-	-	- TBC	-
Inflatable DELUXE	WindSUP **Touring 12'6" x 31"** (321L)	384	78.5	-	Shallow 22 + Daggerboard 570	US-box + ClipperBox	4.5 - 7.5	-	-	- TBC	-
Inflatable ZEN	WindSUP **Converse 9'0" x 30"** (201L)	274	76	-	2x Shallow 22	US-box + Rem. Us-box	2.5 - 7.0	-	-	-	TBC
Inflatable ZEN	WindSUP **Junior 10'6" x 25"** (143L)	323	89	-	2x Shallow 22	US-box + Rem. Us-box	2.5 - 7.0	-	-	-	TBC
Inflatable ZEN	WindSUP **Whopper 10'0" x 35"** (300L)	305	71	-	2x Shallow 22	US-box + Rem. Us-box	2.5 - 7.1	-	-	-	TBC
Inflatable ZEN	WindSUP **Blend 11'2" x 32"** (330L)	341	81.5	-	2x Shallow 22	US-box + Rem. Us-box	3.0 - 7.0	-	-	-	TBC
Inflatable ZEN	WindSUP **Touring 11'6 x 30"** (329L)	354	76	-	2x Shallow 22	US-box + Rem. Us-box	3.5 - 7.5	-	-	-	TBC
Inflatable ZEN	WindSUP **Atlas 12'0" x 33"** (364L)	366	84	-	2x Shallow 22	US-box + Rem. Us-box	3.5 - 7.5	-	-	-	TBC
Inflatable ZEN	WindSUP **Touring 12'6" x 31"** (321L)	384	78.5	-	2x Shallow 22	US-box + Rem. Us-box	4.5 - 7.5	-	-	-	TBC

Carbon Reflex, Carbon LCF, WoodCarbon, Technora weights: +-5%. Inflatable, 3DX, StarShot, StarLite and A.S.A.P. weights: +-6%. Weights are estimates, use for indicative purposes only. Please refer to updated weights on our website. Sail ranges and fin ranges are recommended indications. All specifications and visuals in this catalogue are for indicative purposes only, subject to change without prior notice. Inflatable board dimensions are approximations due to their nature.

ECO
INNOVATIONS

We believe that if we are going to reduce our carbon footprint and support a healthier planet - it has to start with the products we make.

Eco innovations emerge from scrutinising all our Products, materials, accessories, inserts and packaging in search of high performance with a low impact on the environment.

NORA LUNDSTRÖM
STARBOARD SUSTAINABILITY

Nora spent the last year at Starboard managing and calculating the carbon footprint of all our boards and paddles, as well as collating our overall carbon footprint. From an early age she started windsurfing in Norway and now continues her passion to study Business & Environmental management at University in Australia.

LESS IS MORE 100% MORE
NATURAL END GRAIN BALSA WOOD

- **100% C02 reduction** between 2017 and 2018.
- Pioneering Carbon Balsa technology replaces PVC foam with End Grain Balsa Wood from Ecuador.
- The carbon footprint of Balsa as a material is actually climate positive, meaning it offsets more than it consumes to use it.

*All based on a 10'0"x34" Whopper

NEW LIFE FOR OLD FISHING NETS
RECYCLED NYLON

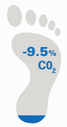
- **14.4 C02 reduction** *
- Fins, leash plugs, handles, FCS inserts, bungee inserts will all be made from up-cycled Nylon.
- Fishing nets intercepted before reaching the ocean.

*Compared to virgin Nylon plastic.

LESS BAD, MORE GOOD
BIO RESIN

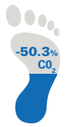
- **20.7% C02 reduction**
- All composite boards are made with 33% Plant Based Bio Resin.

HALF THE FOOTPRINT, ALL THE GRIP
50% RECYCLED EVA



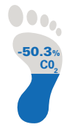
- **9.5% C02 reduction**
- All traction pads will be made from post-industrial waste as a running change.
- Using recycled EVA not only reduces the amount of petroleum by 50%. It is also an influental showcase to both factory and the industry.

LESS PAINT, MORE SHINE
RE-ENGINEERED PAINT REDUCTION



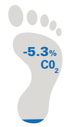
- **17.3% C02 reduction.**
- Using pre-pigmented resin leads to less or no need for spray paint. Over all we now spray 33% less paint, which reduces weight, cost and paint chipping.
- Significantly reduces the level of toxic fumes released into the environment and minimizes risk to workers' health.

HEALTHIER OCEANS - ITS ALL IN THE BAG
BOARD BAGS



- **50.3% C02 reduction.**
- Composite and Inflatable bags, as well as backpacks and even kaps - made from ultra strong "Waste2Wear" fabric from 100% recycled plastic bottles.
- Hard core drag test standning on a board bag while dragging it on gravel - proves its to be stronger than any fabric we tested before.

LESS STUFF, MORE STOKE
PACKAGING APPAREL / BOARDS



- **5.3% C02 reduction** between 2016 and 2017
- Our focus is to eliminate all plastic from our packaging and reduce both Starboards and our costumers footprint on the planet.
- Apparel is packaged in a reusable paper bag and all accessories with boards come in a reusable box.

THE NEXT PULSE
INFLATABLE BOARDS

- We see the greatest futures opportunites to reduce our carbon footprint with our inflatable technologies.
- The following two developments are our highest priority moving forward.
  1. We are working on replacing virgin PVC with 100% Recycled PVC from post consumer waste and medical non-hazardous waste.
  2. Reclaiming old damaged or broken inflatables and re-purposing the PVC to make new boards.

Thanks to Parley for the Oceans, Trash Hero, Sustainable Surf, SUPKids and Watertrek for being such amazing partners. Merijn Tinga the Plastic Soup Surfer is a trendsetter and most inspiring of all is the work of Isabel and Melati Wijsen's Bye Bye Plastic Bags.

PARTNERSHIP IS THE NEW LEADERSHIP.

Come join us for our Trash Hero campaigns in the streets and rivers around our Lake Taco office in Thailand or help plant some Mangroves in the Climate Park in Myanmar.

Thailand © Josh Mahone

PLASTIC IS A DESIGN FAILURE. EVERY PIECE EVER PRODUCED IS STILL OUT THERE IN SOME FORM, AND A MASSIVE AMOUNT ENTERS THE OCEANS DAILY. WE CAN ONLY END MARINE POLLUTION FOR GOOD IF WE REINVENT THE MATERIAL.

PARLEY A.I.R. STRATEGY

Every second breath we take is generated by the oceans.

AVOID INTERCEPT REDESIGN PARLEY FOR THE OCEANS

A.I.R

For every Starboard produced, one mangrove tree is planted in the Thor Heyerdahl Climate Park in Myanmar, each absorbing up to 1 ton CO2 over 20 years.

SUSTAINABLE SURF is the catalyst that transforms surf culture into a powerful force for protecting the ocean playground.

SUPKIDS is introducing kids to paddle boarding, water safety and environmental awareness.

TRASH HERO creates sustainable, community-based projects that remove existing waste, and reduce future waste by inspiring long-term behavior change.

WATERTREK is an environmental organization using stand-up paddling as a means to foster awareness on the urgency to protect water eco-systems.

BOARD BAG RANGE 2018

RECYCLED POLYESTER
450D FABRIC

ULTRA DURABLE
RIPSTOP TECHNOLOGY

FLIPPED CONSTRUCTION

8/10 MM PADDING

NAME CARD HOLDER

HEAT REFLECTIVE
COLOR

AIR VENTILATION

HEAVY DUTY
CORROSION-FREE ZIPPER

EXTRA-PADDED
SHOULDER HANDLE

Starboard's new ReCover are stitched together then flipped inside out, like t-shirts, creating a lighter bag with a double thickness padding along the rail edges. Inverted construction eliminates the need for heavy reinforcement webbing, making the bag significally lighter.

The ReCover has an outer fabric layer made from recycled plastic bottles. Upcycled from the streets, this polyester 450D fabric makes the ReCover one of the lighest, toughest and eco friendly board bags on the market.

RECOVER

8MM THICK PADDING

220x63 232x60 235x67
240x78 240x88 240x101
252x87 285x100 308x82
336x87

TRAVEL RECOVER

8+10MM THICK PADDING

Triple Wave (240x70x35)
Double iSonic (250x85x25)
Triple iSonic (250x85x35)
Formula

PHANTOM RECOVER

8+10MM THICK PADDING

299 377/377L

**Photos and specifications are for illustrative purposes only, subject to change without prior notice*

DRAKE SLALOM/FREERIDE HARNESS

The harness used by former world champion Delphine Cousin and top racer Tristan Algret.

The Drake Slalom/freeride harness is a hybrid waist and seat harness, evenly distributing the load to your leg, butt and back. Ideal for riders who are seeking for speed, freeriding, slalom or racing. Also suitable for riders with back pain as the distribution points reduce the lateral forces on hip and back.

With the injection-molded back support and the six distribution points going through the legs and waist, the rider is offered a highly responsive yet maneuverable feel, while letting the rider focus on speed rather than control.

Seeking more speed? Place weights in the vertical pockets on the back. The pockets are neatly hidden behind the 3D-molded support to not affect the protection or sensation against your back.
Add weights for speed - remove for freeride.

"It's the solution to be more comfortable and efficient on strong wind and choppy conditions. It helps me to be more flexible on the legs and pass the chop more easily. It's also a huge revolution to limit the pain on your back. Especially for tall riders. I use this harness with my small sails 6.2, 5.7, 5.2 Reflex 8 and the iSonic 90." Tristan Algret

"It perfectly combines protecting my back like a seat harness but leaves the freedom of the legs of the harness belt! It is very effective in strong wind!"
Delphine Cousin