**FIND OUT HOW MUCH FUN IT IS.**

Only 36 years ago our friends in Arendal Sailing club, Norway were discussing the future of windsurfing design. The general consensus was that it now would be challenging to improve windsurfing as the equipment already was so cool.

The Windsurfer One design had a great concept, so did the Mistral Competition and most other boards available offered exciting One Design racing.

I went on racing for another 16 years, The LA Olympics on the One Design Windsurfer and then the Pro windsurfing tour thereafter. The gear however seemed to become better every year and by the time Starboard was started in 1994, windsurfing boards generally were said to be fantastic. Looking back at the first 19 years boards and rigs alike have however again taken several quantum leaps and some may again believe that it is challenging to improve future windsurfing...

The past however has the tendency of predicting the future and incredible improvements are sure to come. Our Pro team has been bringing home 5 out of 6 last PWA manufacturers titles, proving that futuristic gear of today indeed makes a difference even for the most skilled riders.

My race DNA also likes to establish who is the best rider, not only what gear is the most efficient. My feet have quite possibly tested more different board designs than any other windsurfer's feet over the years! Yet I would love to participate in local One Design races with the Phantom 155 L. This design sums up much of all the great stuff one looks for in an alround board. If Windsurfing is going to make it for the 2020 Games, the Phantom class may be it's best bet!

Give it a try and and find out how much fun it is to race with friends.

Sven Rasmussen
President Starboard Co. LTD

*"Sven Rasmussen is one of the most influential figures in modern windsurfing. Following a successful career as a professional windsurfer, he changed tack to start Starboard in 1994 and created a company that has evolved into a clear leader in today's competitive board market. His innovations and translating ideas are responsible for the introduction of short and wide board designs but far from resting on his laurels, he has plenty more ideas to expand and progress our sport."* Windsurf UK
2014: our finest collection of boards yet. A consolidated board range refined for every windsurfing category and innovative in many new ways.

Key highlights of the year include the reintroduction of the slim Atoms and our big push with the new WindSUP Freeride. The latter, thanks to its clever Long Tail design concept, I personally believe can single-handedly take us back to the future, into a world of popular mainstream windsurfing, shaped by friends and family together, planing and non-planing, on one single board (see page 50).

Our team based here at HQ in Thailand grows larger with the arrival of Project Managers Fabian McQueen and Antoine Lebbonne, who will be bringing lots of fresh ideas and new concepts to Starboard 3.0.

In the next six pages and throughout the catalogue are many more people who have contributed to Starboard 2014. We can't thank everyone enough for their support, inspiration and energy over the years. It's been a fantastic journey and we hope that you, dear windsurfer, will enjoy reading our catalogue and discovering all the details of your favourite new board, whether you're riding waves, powering your paddleboard with wind or learning to windsurf for the first time.

Tascha You
Starboard Board designer / Brand manager
Beyond our workshop based in Taco Lake and our test centre in Thailand are a team of people who support Starboard in many different ways.

From marketing to development, from testing prototypes to building websites, from taking photos to editing videos, from inspiring a new product range to creating sales forms, from polishing brand images and scouting for young new riders, we’d like to take this opportunity to say a BIG THANK YOU for your help and support.

Many of you, like Joe, Scott, Lisa, Tor, Karen and Keith Baxter, you’ve been here since the very early days. Some, like Dany, Sean and Johnies, we look forward to the years to come. Thanks for sharing this journey of a lifetime with us.
For a record fifth consecutive year, Starboard wins the prestigious PWA Constructors’ title 2012. As we go to print, we also lead the 2013 constructors’ ranking. With good winds, good waves and lots of great events, we hope that Starboard’s Dream Team will continue to win more titles, riding those boards we shape, design and test together.

Throughout the season, our life-saving team rode exclusively production boards, with exception of Iballa and Daida Moreno who, for the Cansées events, used two prototypes that we needed to work on before the event to become the Moreno Twins Pro Models. Philip Küster also used a prototype hole 92 to win in Sylt, a board that also went to mold right after.

Besides those, production boards that are the same as those you can find in shops, are what our pro riders ride. Since 1994.
CARBON HYBRID // CARBON WAVE EDITION

Carbon is the lightest and stiffest construction. We use flax fibres instead of woven fibres, making our Carbon significantly lighter and stiffer than regular carbon.

What's special? Boards that are light and boards that benefit from a more comfortable feel. Our Wood Sandwich construction on the bottom (we call it Carbon Hybrid).

The Carbon Nova construction goes a step further. We use a thin 7000 Bi axial Carbon grade on the deck, dual density, double sandwich PVC core on the bottom and a new unidirectional reinforcement Carbon patch.

WOOD // WOOD WAVE EDITION

Developed by Jean Louis Carcen as in 1981, Wood Technology became a standard in 1995. Starboard's production Wood boards set the trend in lightweight construction technology, weighing in at a kilo under the competition, yet with higher impact resistance. Today, boards from many brand follow a similar yet heavier construction. At Starboard, Wood Technology remains a favourite for riders' performance, more comfort and that special, unique feel of an original Starboard Wood board.

What's special? All Starboard Wood boards use a full PVC sandwich core to form the deck. This makes it lighter, stiffer and stronger than other wood constructions that do not have a PVC sandwich core.

Advantages: Lighter than any other construction except Carbon. More impact resistant and more comfortable than Carbon.

CARBON REFLEX

Carbon Reflex designs a racing construction that uses Starboard 7000 bi-axial Carbon both deck and bottom, combined with a 1000g/m2 density PVC sandwich core.

Some boards use 3D waves, some use 45° degree waves, and others use a combination which also includes unidirectional 3D woven carbon, to achieve a more dynamic response according to the board's length, thickness, and wavelength.

What's special? The lightest and most responsive foiling boards. Unlike ultralight Carbon boards of previous generations, the Carbon Reflex follows and responds to give a fast, efficient and comfortable ride.

Advantages: Very light weight, with footed line for the best acceleration and control.

TECHNORA™

A lightweight, soft and responsive construction providing the highest performance value. Technora™ is a special type of high tenacity Aramid fibre with remarkably high tenacity and impact resistance. Technora™ reinforcement, combined with Xeroroll® Carbon, gives the board strength, the stiffness, noses and feet area.

What's special? Technora™ boards always use full PVC sandwich core construction both deck and bottom. We've used black pigment and kept the white paint finish to a minimum, to keep the weight down and to give the board a custom look.

Advantages: Light weight, soft flex, tough in the most impact critical areas. Easier to repair.
TUFskin

Maximum durability and value. Tufskin technology uses layers of 6-dimensional 430g glass rod with an expanding epoxy resin system that creates water within the skin as it cures under pressure. This creates a thick, stiff, and durable sandwich laminate. Wood reinforcements improve the boards' rigidity and the deck's impact resistance.

Advantages: tough construction, more value, more durable.

ARMOUR TECH

Starboards' super durable and super tough technology designed for wind-surfing clubs and schools. Its construction is similar to Tufskin, but with double layers of 800g glass and an ASA skin.

What's special? According to testing by German's Surf magazine in May 2006, Armour Tech is lighter and stronger than glass-reinforced polyethylene boards like Wey boards, and also has higher impact resistance.

Advantages: replaces glass-reinforced polyethylene boards with something more impactful-resistant yet lighter.

Palm Inflatable

Using super stiff drop-stitched 6” thick inflatable fabric, this technology is reinventing the inflatable windsurfer concept.

Combined with our proprietary FAST box and Clipperbox fittings, our new inflatable collection is changing the game in recreational, school and club windsurfing. For those who can't afford a new board or don't want to pay for maintenance, our inflatable boards are a great choice.

Advantages: These boards are one of the strongest, lightest and most compact on the market, all in one.
The new tool-free Clipperbox system: a simple clipping daggerboard system that is smooth and easy to operate. This feature allows for easy removal and replacement of the daggerboard, saving you time and money. Featured on the Go Windsurfer and the WestSUPs.

The Spotbox is designed to be extra light, weighing 70% lighter than a US box. A new, 3mm of adjustment room and current US based fins can be cut to fit. The custom-manufactured bolts fit the same screwdriver on your footstrap, making them effective against sand, keeping the system simple and hassle-free.

"Quad boards fitted with Spotboxes weighed, on average, 640g lighter than those using conventional boxes (Boards magazine 75 time wave boards test, Dec 2010)"

New for 2014: Starboard's exclusive 4th generation Spotbox with oversized brass insert fittings for a stronger fit.

Dual Density Thick pads: softer inside layer for comfort, harder, grippier outer layer. Total thickness of 1.1mm gives a nice high ride. Featured on the Rides.

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

Extra thick deck pads: single layer, high density pads for a firmer feel and extra heel impact resistance. Featured on the Kode Waves.

Drake Wave Straps Mk III: Wide double-strap straps shaped for wave/freestyle riders. Extra strong, holds its shape impeccably and features strap size indicators for easy size adjustment.

Sponge pads: super comfortable fish-scales pads with a 5mm open cell foam that also exaggerates the kick dome for maximum grip and comfort. Featured on the Rides, AlumEq and Carves.

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

Drake Slick Straps MkV: Nontack freestyle/slasher straps. Bolt similar to the Wave strap with added flex and a narrow body. Size Indicator tab makes strap size a breeze.

One screw fits all: air vents, frame boxes, Spotbox US box, footstraps - a single screwdriver fits them all. Simple.

K9 Anti-rotation plug: sandwiched between the board and the strap, the K9 plug has four carrier teeth that sink into the strap to provide a mechanical anti-rotation effect. No twisting means better control, better feel and better 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.
Wave and freestyle: the most extreme and visually spectacular side of windsurfing. Riders and performance levels keep rising, with double loops becoming the norm and tricks only getting higher. In response, Starboard introduces the new Wave Edition construction that makes our boards stronger than ever.

- Starboard’s 2014 wave and freestyle collection includes the revolutionary Black Box concept led by Danny Bruch—a board for ‘real world wave’ conditions.
- Scott McKercher’s signature Quad boards designed around his trademark speed, flow and power style, are upgraded in the 87 and 92 sizes.
- 2012 Champions Daída and Iballa Moreno introduce their new Pro Model Kode Wave 67 and Quad 67.
- Philip Kisters, PWA youngest ever Wave Champion 2011 and champion again in 2012, upgrades his signature ‘Kisters Kode’ range of fast, aerial, rotational style boards with shorter lengths and new rail shapes.
- James Hooper from Nudo Custom Boards Australia: adds three new sizes to the surf style NuEvo range and upgrades the shape of the 92.
- The freestyle Flares, developed by Taty Frans and Rémi Via, have three new sizes in the 81, 91 and 101.
- Tihsa You worked with Antoine Lofsheve and Fabian McGivern to develop the new aerodynamic Bullet Nose concept for the 2014 Kode Freestyle Waves.
The Black Box is not a wave board for all conditions. The Black Box is not about top speed. The Black Box is not about jumping.

The Black Box is the board that excels in small, muddy waves and light winds. Many boards are marketed for real-world conditions and real-world sailors. Danny Bruch's creation takes it a step further by offering a very short and wide shape with no excess volume that will create and hold speed on a wave like never before.

```
['Actually, the Black Box is a carving beast that turns in the smallest pockets. The rails provide loads of grip, reaching high speeds in mostly small waves, always with power underneath. But what surprised us is that it carved better than the Quatro L5 90, the turn is tighter']
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```
\begin{tabular}{|c|c|c|c|}
\hline
Model & Volume & Length & Width & Tail width & Pin & Fins & Sail range \\
\hline
Black Box & 817 & 219 & 43.5 & 40.5 & 2069 Turbine 13.5, 2069 Turbine 14.5 & US Box 2/3 Box 14.0 & 5.08 & 6.0 \\
\hline
\end{tabular}
```

```
'\textit{Thick stubby nose for floatability.}'
```

```
\textit{Very short at 21.5cm with a lot of width in the tail that carries through to the nose.}
```

```
'\textit{Extra-wide square tail with fast tail rocker provides buoyancy and speed to make the most out of small, muddy waves and light wind conditions.}'
```

```
'\textit{Tri-fin configuration with twin fins spaced wide apart for easy turns and a trailer fin for drive and stability.}'
```

```
'\textit{Self-generated speed combined with the very short length tail for the ride line together more turns with more speed when the conditions would normally allow for one, if any.}'
```

```
'\textit{Mono concave} feeding into \textit{flat double concave} in the standing area for lift, quick accelerations and speed on the wave. Yes in the tail for a responsive feel when engaging the rails.}'
```

```
'\textit{\small All testers were unanimous: the Black Box is different because it accelerates on its own, even without power in the sail, and produces the speed to string together turns and curves. It proved to be fun when the conditions weren't.}'
```

```
'\textit{\small Wind Surf Magazine, France}'
```

```
'\textit{\small "What we have here is a board that has taken a major leap of faith on the evolutionary scale of width and length. Not only does it work, but it truly excels for riding in smaller, muddy waves and tighter winds. And let's be honest that's what most of us sail in most of the time. Truly exceptional!"}'
```

```
\begin{itemize}
\item \textit{Wind Surf Magazine, UK}
\end{itemize}
```
The surf-style 2014 NuEvos waveboards include a new shape for the 92 and additional sizes with the 86, 101 and 110 sizes.

Designed in Western Australia by James Hooper, the NuEvos’ compact shapes, soft surf-style rails, flatter decks, twin placement and bottom shape make these efficient and easy surfers in side-shore to side-onshore conditions, from knee to legs high waves.

The NuEvos are comfortable boards with forward Vee, soft rails and soft pads that dampen the effects of chop. The new 86 size spans the gap between last year’s 80 and 92. The 101 and 110 are the new XL waveboards. With waveboards getting easier and easier to ride and handle, riders are choosing larger and larger boards; a larger size lets you catch more waves, more often and in lighter winds. The new 92 shape has a faster rockerline, added Vee and deeper double concaves to improve its speed and rail/toral performance.

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Fin</th>
<th>Fins</th>
<th>Re-range</th>
<th>Sail range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nu Evo 92</td>
<td>7.9</td>
<td>291</td>
<td>64.0</td>
<td>85.2</td>
<td>2 Twin Tail 150</td>
<td>2x Helix</td>
<td>15.16</td>
<td>20-0.0</td>
</tr>
<tr>
<td>Nu Evo 86</td>
<td>8.6</td>
<td>284</td>
<td>60.0</td>
<td>81.0</td>
<td>2 Twin Tail 150</td>
<td>2x Helix</td>
<td>15.16</td>
<td>20-0.0</td>
</tr>
<tr>
<td>Nu Evo 80</td>
<td>8.6</td>
<td>275</td>
<td>56.0</td>
<td>76.4</td>
<td>2 Twin Tail 150</td>
<td>2x Helix</td>
<td>15.17</td>
<td>15-5.5</td>
</tr>
<tr>
<td>Nu Evo 76</td>
<td>9.9</td>
<td>266</td>
<td>56.0</td>
<td>76.7</td>
<td>2 Twin Tail 150</td>
<td>2x Helix</td>
<td>15.17</td>
<td>15-5.5</td>
</tr>
<tr>
<td>Nu Evo 72</td>
<td>10.3</td>
<td>257</td>
<td>53.5</td>
<td>73.9</td>
<td>2 Twin Tail 150</td>
<td>2x Helix</td>
<td>15.17</td>
<td>15-5.5</td>
</tr>
<tr>
<td>Nu Evo 68</td>
<td>10.8</td>
<td>248</td>
<td>51.0</td>
<td>71.6</td>
<td>2 Twin Tail 150</td>
<td>2x Helix</td>
<td>15.17</td>
<td>15-5.5</td>
</tr>
<tr>
<td>Nu Evo 64</td>
<td>11.3</td>
<td>239</td>
<td>48.5</td>
<td>69.3</td>
<td>2 Twin Tail 150</td>
<td>2x Helix</td>
<td>15.17</td>
<td>15-5.5</td>
</tr>
</tbody>
</table>

Available in Carbon or Wood
Scott McKercher’s signature wave boards. They generate maximum speed and drive, bringing an awesome production of speed, flow and power to your sailing.

Stable and direct in feel, the Quads are most rewarding when driven off the rails for power turns. They like to turn on a full rail. With their four-fin grip, they give a very connected sensation yet they still give the ability to lose the tail when extended through the lip for a rotational (whipped) move.

Ozoneshore conditions: “In onshore conditions, the new Quad produces unparalleled speed out of turns. Initiate the rail into a turn and the board instantly produces speed, all the way around through the arc of a turn for maximum impact when hitting the lip. This is achieved with the mono-concave bottom shape for speed and lift whilst the wider squared-off outline keeps the tail more buoyant, projecting more for a better release.”

Sideshore and big wave conditions: “The remarkable thing is that the same board will handle most high conditions with equal ease. The Quads draw smooth clean lines, with the ability to shoot vertically at any time, all with a sense of absolute control.”

Lightwind conditions: “In light wind conditions it becomes increasingly noticeable that it’s the board producing the drive and not the power of the sail, which sets this board apart from anything else on the market.”

2014: new Moreno Twin Pro Model, new 87 with a faster rocker and more hooped outline, new 92 with more tail lock and Yee tail.

Pads: 6mm regular thickness pads, combined with batten’s shaped into the board to absorb shock

Bottom shape: Full monocoque Improves the board’s ability to generate speed and drive, even in onshore, lightened and small wave conditions. The 92 has a tail Yee to improve that board’s rail-to-rail reactivity.

**New Moreno Twin Pro Models, new improved 87 and 92 shapes. New Wave Edition construction.**

**Fins:** Clear Blue Flex fins are supplied with the Quads. The more flexible fins allow the board to have a more natural flow while remaining connected and in control at all times.

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Fin size</th>
<th>Fin width</th>
<th>Fin length</th>
<th>Fins included</th>
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<tbody>
<tr>
<td>Quad 87</td>
<td>67</td>
<td>251</td>
<td>56.0</td>
<td>18.7</td>
<td>2x Natural Wave 125</td>
<td>2x Natural Wave 130</td>
<td>8x 3Bbox 64x3</td>
<td>64x3</td>
</tr>
<tr>
<td>Quad 79</td>
<td>76</td>
<td>251</td>
<td>56.0</td>
<td>19.5</td>
<td>2x Natural Wave 123</td>
<td>2x Natural Wave 130</td>
<td>8x 3Bbox 63x3</td>
<td>63x3</td>
</tr>
<tr>
<td>Quad 79</td>
<td>76</td>
<td>251</td>
<td>56.0</td>
<td>19.5</td>
<td>2x Natural Wave 123</td>
<td>2x Natural Wave 130</td>
<td>8x 3Bbox 63x3</td>
<td>63x3</td>
</tr>
<tr>
<td>Quad 77</td>
<td>77</td>
<td>228</td>
<td>58.6</td>
<td>18.6</td>
<td>2x Natural Wave 123</td>
<td>2x Natural Wave 130</td>
<td>8x 3Bbox 63x3</td>
<td>63x3</td>
</tr>
<tr>
<td>Quad 82</td>
<td>82</td>
<td>228</td>
<td>58.6</td>
<td>18.6</td>
<td>2x Natural Wave 123</td>
<td>2x Natural Wave 130</td>
<td>8x 3Bbox 63x3</td>
<td>63x3</td>
</tr>
<tr>
<td>Quad 87</td>
<td>87</td>
<td>228</td>
<td>58.6</td>
<td>18.6</td>
<td>2x Natural Wave 123</td>
<td>2x Natural Wave 130</td>
<td>8x 3Bbox 63x3</td>
<td>63x3</td>
</tr>
<tr>
<td>Quad 91</td>
<td>91</td>
<td>231</td>
<td>60.5</td>
<td>18.6</td>
<td>2x Natural Wave 123</td>
<td>2x Natural Wave 130</td>
<td>8x 3Bbox 63x3</td>
<td>63x3</td>
</tr>
<tr>
<td>Quad 100</td>
<td>100</td>
<td>231</td>
<td>60.5</td>
<td>16.3</td>
<td>2x Natural Wave 123</td>
<td>2x Natural Wave 130</td>
<td>8x 3Bbox 63x3</td>
<td>63x3</td>
</tr>
</tbody>
</table>

Available in Carbon or Wood

[Image of Scott McKercher on a red quad wave sailing board]
The new 2014 Kode Wave built in the new Wave Edition construction: the board choice of two times World Champion Philip Köster. They’re fast to get on the plane, with remarkable top-end speed for taking jumps into the stratosphere.

Drive and speed are initiated off of the front foot, as is the rotational spinning style of Köster. MBS Twister fins aid in the early release of the tail for backside 360’s and toeside while the board is still able to maintain the drive required for going down the line and straight line sailing.

They are the most ideal boards for big airs and double combination loops. The boards just want to boost whether it’s jumping or wavering, with excellent projection above the lip along with being able to spin around it.

For 2014, the Kode Waves are 3cm shorter, making them lighter on the scale and under the foot, as swing weight is reduced. A MBSertz Twists Pro Model 67 has also been added for the tall guy, smaller riders and nuclear wind conditions.

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Fin</th>
<th>Flex</th>
<th>Flex-range</th>
<th>Tail-range</th>
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<tbody>
<tr>
<td>Kode Wave 67</td>
<td>47</td>
<td>221</td>
<td>53.5</td>
<td>34.4</td>
<td>2400 MBSertz 6.5</td>
<td>5.5-6.5</td>
<td>0.34-7</td>
<td></td>
</tr>
<tr>
<td>Kode Wave 77</td>
<td>77</td>
<td>224</td>
<td>55.5</td>
<td>36.9</td>
<td>2400 MBSertz 6.5</td>
<td>5.5-6.5</td>
<td>0.34-7</td>
<td></td>
</tr>
<tr>
<td>Kode Wave 82</td>
<td>82</td>
<td>220</td>
<td>56.5</td>
<td>37.5</td>
<td>2400 MBSertz 6.5</td>
<td>5.5-6.5</td>
<td>0.34-7</td>
<td></td>
</tr>
<tr>
<td>Kode Wave 92</td>
<td>92</td>
<td>224</td>
<td>62.5</td>
<td>38.3</td>
<td>2400 MBSertz 6.5</td>
<td>5.5-6.5</td>
<td>0.34-7</td>
<td></td>
</tr>
</tbody>
</table>

Available in Carbon, Wood and Technora
Three all-new shapes: the aggressive, fast and maneuverable swiss-army knife returns with a new aerodynamic Bullet Nose shape concept.

The Kode Freestyle Waves each offer their own balance between wave, freestyle and freeride.

**Kode Freestyle Wave 86**: Slightly wave biased design. Shorter nose for 2014 improves responsiveness and control while keeping its ability to ride waves. Highly capable at high wind freestyle and all round high wind freeriding. US Box fitting allows wave fins or freestyle fins to be used.

**Kode Freestyle Wave 94, 103**: The more freestyle/freeride oriented design. New bullet nose design reduces aerodynamic nose lift to improve top-end speed and control. US Box fitting allows wave fins, freestyle fins or freeride fins to be used. Outboard strap settings were also moved 2-4cm closer to the rails for improved control in freeride mode.

11mm thick pads with a sponge insert underneath give a very comfortable and controlled ride, where the rider feels like he/she stands nice and high over the board.

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Fin</th>
<th>Finsbox</th>
<th>Fin range</th>
<th>Sail range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kode Freestyle Wave 86</td>
<td>86</td>
<td>230</td>
<td>59</td>
<td>38.4</td>
<td>Durable 86</td>
<td>US Box</td>
<td>5.2-6</td>
<td>4.6-7</td>
</tr>
<tr>
<td>Kode Freestyle Wave 94</td>
<td>94</td>
<td>244</td>
<td>62</td>
<td>39.0</td>
<td>Durable 94</td>
<td>US Box</td>
<td>5.4-6</td>
<td>5.0-7</td>
</tr>
<tr>
<td>Kode Freestyle Wave 103</td>
<td>103</td>
<td>258</td>
<td>64.5</td>
<td>41.8</td>
<td>Durable 103</td>
<td>US Box</td>
<td>5.6-7</td>
<td>5.0-7</td>
</tr>
</tbody>
</table>
Three new shapes, one new construction.

The dedicated freestyle Flares include new 81, 91, and 101 models. Thinner and flatter decks combined with increased tail thickness improves the boards' control, their speed of response, the forgiveness during transitions and they offer incredible aerial pop.

The new 'Carbon Reflex' technology uses 45° biaxial T700 Carbon on a PVC sandwich core for both deck and bottom skins; a flexing, responsive, ultralight board that feels active and alive on the water.

The 81 size is also available as a ProKids model, suitable for lighter and younger riders.

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Fin</th>
<th>Fins</th>
<th>Flex range</th>
<th>Stall range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proteus Flare 81</td>
<td>86</td>
<td>237</td>
<td>9.7</td>
<td>7.9</td>
<td>16</td>
<td>22</td>
<td>18</td>
<td>27</td>
</tr>
<tr>
<td>Flare 81</td>
<td>86</td>
<td>237</td>
<td>9.7</td>
<td>7.9</td>
<td>16</td>
<td>22</td>
<td>18</td>
<td>27</td>
</tr>
<tr>
<td>Flare 91</td>
<td>91</td>
<td>239</td>
<td>9.5</td>
<td>7.5</td>
<td>16</td>
<td>22</td>
<td>18</td>
<td>27</td>
</tr>
<tr>
<td>Flare 101</td>
<td>101</td>
<td>241</td>
<td>9.5</td>
<td>7.5</td>
<td>16</td>
<td>22</td>
<td>18</td>
<td>27</td>
</tr>
</tbody>
</table>

Design: by Tady Fraser and Remi Vila

Steel gutters accentuate the done effect on the deck, for added comfort and grip.

Tail shape: New hard edge to promote quicker acceleration

Fins: New Tardy Frans Ready To Freestyle Fit

Thickness profile: Extra thick tails for big pop and easy float.

Slot Box: The strongest, lightest and simplest in box system.

New Carbon Reflex construction: In lighter, alive and responsive feel. New 81, 91 and 101 shapes.
Racing: the most technologically advanced designs in windsurfing, developed with one mission: winning. Starboard’s racing program, led by 4x World champion Remi Vila, is the most successful racing program in modern history. What is the secret?

There is no secret. It’s a combination of the best and most successful racing teams; the lightest boards on the market; the most responsive, flexible and durable board construction known as Carbon Reflex; The largest and longest R&D effort ever undertaken by a single brand. Repeated over and over, year after year.

The R&D team 2014: Cyril Abrousilhine (95kg), Seveume Saeli, Ben van der Sleu (100kg), Gasser Saeli), Iciem Damarre (110kg), Svenne Saeli), Jimmy Dak (95kg), Kimsak Saeli), Kevin Prichard (95kg), Eddy Saeli, Steve Allen (90kg), Seveme Saeli, Alberto Menegatti (100kg), Port 7 Saeli, Wajek Brizouksi (95kg Neil Pryde), Tary Fim (95kg), Max Saeli, Serge Charla D10kg, Seveme Saeli, Sunnning Sunolz (57kg), Seveme Saeli, Lucy Odobo (90kg), Seveme Saeli, Et Saaum (60kg), Seveme Saeli, Sarticle Maspikara (90kg), Neil Pryde & Max Wragg (75kg, Neil Pryde).

80/87/90/97/107 iSonic have been redesigned: shorter, 2-3cm wider and slimmer. New cutaway/ side cut designs give them a wider wind range than before, more control, better acceleration and higher top speed.

110, 117, 130 iSonic are more evolutionary with new cutaway/ side cut designs that boost top speed and acceleration. They are a little bit thinner only and the 110 was lengthened to match the balance of the range.

Available in Wood, for more control and comfort, and Carbon, for sharper acceleration, a stiffer feel and earlier planing. The Carbon construction, informally known as Carbon Reflex, uses 45 degree Biaxial T700 carbon on the deck of the smaller boards and 30 degree Biaxial T700 carbon on the bigger boards combined with Unidirectional 80 carbon on the bottom. This allows the board to flex then re-bound quickly and responsively: ultralight, energy efficient yet comfortable and responsive.

Blue is the new black: we’ve added blu pigment to the resin when laminating the carbon to help protect against the effects of UV light. The stickers are finished with fluorescent touches, which is faster than red.
**ULTRASONIC**

The largest, widest and most efficient of iSonics.

Wider than ISAF and PWA's (58cm) limit, the Ultrasonic is technically illegal in official racing. Knowing that racers will not use it in competitions allowed Starboard designers to increase the Ultrasonic's user-friendliness and comfort aspects of the board by tuning down the rail shape's power and moving straps slightly further forward.

The 2014 Ultrasonic keeps its cutting edge design that includes open-angle cutaway designs, heel extensions and a low-angle, ultra efficient rockerline. The new blue pigment added to the carbon laminate improves the board's resistance to UV light. The Ultrasonic is an incredibly efficient planing machine.

**Pure Biaxial T700 Reflex Carbon construction deck and Unidirectional 80 carbon bottom, pure carbon rail reinforcement to increase the reflex rate for virtually no energy waste, pure speed-needle shapes for one thing in mind: the highest windsurfing GPS speeds possible.**

The two middle sizes, the W46 and W44, are built on Dunkerbeck/Carbon Sails designs made for consistently fast runs throughout a wide range of conditions. These are the typical choices for speed riders on the tour.

In 2013, we introduced the latest and the largest size, the W54, which is quite wide by speedboard standards. It is designed to deliver the highest possible top speed in relatively light wind conditions.

For 2014, the W44 is new. Perre Vig's design based on Borm Dunkerbeck's original is designed specifically to break the production speed record in Narrabeen W44 year.

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Fin</th>
<th>Finish</th>
<th>Fin range</th>
<th>Tail range</th>
</tr>
</thead>
<tbody>
<tr>
<td>iSonic Speed W44</td>
<td>52</td>
<td>225</td>
<td>54.8</td>
<td>22.7</td>
<td>1.9mm</td>
<td>20.75</td>
<td>20.94</td>
<td>3.141</td>
</tr>
<tr>
<td>iSonic Speed W46</td>
<td>63</td>
<td>270</td>
<td>54.8</td>
<td>22.7</td>
<td>1.9mm</td>
<td>20.45</td>
<td>21.62</td>
<td>3.976</td>
</tr>
<tr>
<td>iSonic Speed W44</td>
<td>72</td>
<td>230</td>
<td>54.8</td>
<td>22.7</td>
<td>1.9mm</td>
<td>20.75</td>
<td>20.94</td>
<td>3.141</td>
</tr>
<tr>
<td>iSonic Speed W54</td>
<td>82</td>
<td>220</td>
<td>54.8</td>
<td>22.7</td>
<td>1.9mm</td>
<td>20.75</td>
<td>21.62</td>
<td>3.976</td>
</tr>
</tbody>
</table>

The Ultrasonic design starts from the Sonic base and adds some extra width and loses more thickness.

The nose of the Ultrasonic is then lengthened to make the board smoother to get planing, backing along and getting going becomes easier, more stable and more accessible.

Now cutaway shapes combined with 'side' cut outs and heel extensions: reduces wetted area for the same lift, which makes it more efficient. The fin guns are more balanced and the rider will feel like the board bucks more on to its side. Most importantly, the width of the tail at the 'low foot off' remains the same, this board will maintain its ability to provide power, and roll stability, through chop and acceleration out of a jibe.

The rail shapes under the footstraps are more comfortable and less boxy than the Sonic. This makes the board more comfortable, the straps are easier to get into and there is less running power in your back foot when fully powered.
One board for two years: the new 2014/2015 Formula 167 replaces the two choices of 2012/2013.

The new model is based on an 84cm wide tail and a near low angle ‘Bullet Nose’ for more a more aerodynamic shape with a smoother water entry to get the board planing out of jibes and accelerating quickly.

The flat is 90cm long for maximum acceleration in all conditions, particularly lighter winds, and the cutaway shapes have been redesigned with new Side Cut to improve acceleration or to the plane, ride freer, improve speed tracking and boost the top end speed a notch. The rider’s foot remains outboard to keep the board under control and apply maximum leverage on the fin.

The new 167 cutaway design also brings the feel of the board closer to the classic and much loved Formula 161.

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Flex</th>
<th>Price range</th>
<th>Sail range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula 167</td>
<td>157</td>
<td>228</td>
<td>100</td>
<td>84.2</td>
<td>2.5m</td>
<td>£499.99 - £549.99</td>
<td>8.0 - 10.5</td>
</tr>
</tbody>
</table>
The only 100% planing, global windsurfing one-design class.

Like the open F-ONE windsurf class, it covers a very wide range of wind conditions and starts from just 7 knots of wind. F-ONE's equipment rules however, ensure that the boards, fins and sails are affordable, durable and consistent over four year cycles.

Charter at each event of order of a package from your local shop and join the fleet: enjoy a pure planing sailing class that is technically challenging, 100% planing and full of high speed thrills.

<table>
<thead>
<tr>
<th>Size</th>
<th>Luff</th>
<th>Beam</th>
<th>Guns</th>
<th>Battens</th>
<th>Mast</th>
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<tr>
<td>7.5</td>
<td>484</td>
<td>306</td>
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<tr>
<td>8.5</td>
<td>539</td>
<td>294</td>
<td>3</td>
<td>7</td>
<td>940-29</td>
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<tr>
<td>9.7</td>
<td>594</td>
<td>254</td>
<td>3</td>
<td>7</td>
<td>1000-32</td>
</tr>
<tr>
<td>11.0</td>
<td>654</td>
<td>240</td>
<td>3</td>
<td>7</td>
<td>1100-32</td>
</tr>
<tr>
<td>11.5</td>
<td>684</td>
<td>258</td>
<td>3</td>
<td>7</td>
<td>1150-32</td>
</tr>
</tbody>
</table>

Board

**Formula Experience One Design**

Available in 6 sizes
A second Phantom Race 377 L is added to the World Champions Phantom family.

This new 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 L recommended for sailors under 80kg.
Phantom 377 L: recommended for sailors over 80kg.

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

Max Wojcik, current Raceboard World Champion, June 2012:

“The Phantom 377 board is very stable upwind and it is going easy on sail from 5.15. It is easy and comfortable to control and steer. The wings in the back of the board make planing in marginal conditions (8 knots) possible and easy to sustain. The wings are not stopping the board going fast upwind too. Now daggerboard is great for light and medium breeze up to 15 knots. It’s a board of very good quality in materials and details. All in all, the board is easy to sail on the tail when going upwind. In planing conditions, the downwind runs are fast and one can sail really low.”

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Mast</th>
<th>Fins</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phantom Race 377</td>
<td>265</td>
<td>377</td>
<td>67</td>
<td>Deep Blue</td>
<td>6.0/5.5</td>
</tr>
<tr>
<td>Phantom Race 377 L</td>
<td>296</td>
<td>377</td>
<td>67</td>
<td>Deep Blue</td>
<td>6.0/5.5</td>
</tr>
</tbody>
</table>
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, small, medium or large. The missing link between the junior Techno class and the RS:X, Formula classes and PWA racing.

Photos, top to bottom: 1. Scott and Swee, Canggu style 2. The Phantom 295.com website showing the latest rankings (Carles Blanik currently in the lead) 3. The Tiki 4. Moments before the Phuket racing begins 5. The race is on 6. The Phantom gear at full kit 7. B & G 8. Phantom events include plenty of activities for the family and no wind days: massages to refresh those muscles, SAP demo, product presentations and training courses 10. Special thanks to Wachinger for organizing the first and hugely successful official Phantom 295 event. It was a memorable and really fun event. From left to right: Wachinger, Olympic Medalist Mário Rizkia, Phantom 295 founder and board designer Sven Rasmussen, Branca Rizkia 11. The board close up.

Bat Wings: a wide planing surface at high speeds, reduced drag all over speeds.
- Earlier planing
- Improved speed tracking
- Wider wind range
- Larger rails can be used.

New Le size for 2014: More thickness, more buoyancy and more volume in the middle section, to expand the appeal of Phantom racing over a wider scope of windsurfers.

Slanted mast track: offer higher average in light winds, more control in highwinds.

A nice balanced gliding feel across the rail. As soon as a little breeze comes the sail wants to angle itself up deliver exciting racing situations. With a bit more wind the daggerboard retracts and the hull planes up early with great power around the half point, delivering an incredible and fun speed ride. On the reach the revolutionary wiper 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 fans and regatta sailors the world over.” Sven Rasmussen.
Paddle board when there's no wind, windsurf as the wind picks up. Starboard's extensive WindSUP collection is the world's most complete and most innovative, covering waves, freeride, family and more.

The inflatables are all new, with new sizes and new fittings. Available in Deluxe and Fun versions.

The ASPs, (as strong as possible) new come with soft EVA rails or hand polished blue rails for a premium finish.

The biggest news is probably the introduction of two new amazing shapes; the Summerboard and the Freeride. The Summerboard is incredibly stable yet fast to glide. The Freeride is indeed back to the future, a retro board that accelerates, glides and gets planing smoothly and easily.

Not to forget the sails for 2014, Starboard introduces the new Compact sail package and the new Quick sail compact packages.
Electric Blue - The lighter cotton with a fully retractable daggerboard.

A.S.A.P. - Our sturdiest construction with hardwearing EVA soft rails, tuttle box centre fas system.

Our core WindSUP board collection comes available in seven shapes, available in either Electric Blue or A.S.A.P. constructions.

10’x34’ - The facade slalom board and known by our SUP friends 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.

11’2”x30’ - A new favourite from the popular SUP model known as The Blend, offering an excellent glide.

12’x32’ - The best compromise between glide and stability, known as the Big Easy. At 82 cm wide, it’s a solid platform for even the heaviest of riders.

8’10”x32’ Waver - The compact, radical surfing shape with lots of volume and float, blending the best of light wind wave riding as a windsurfer and a manoeuvrable surfing stand-up paddleboard in one.

12’x36’ Summer board - The most stable board of the range, also known as the Summer board, hop on board with your whole family, teach windsurfing to your clamorous friends or cruise solo with no fear of falling in. It comes with a fully retractable dagger board. Our most recommended board for schools.

9’x30’ Kids - The most compact model, ideal for younger or lighter sailors.

12’x30’ Freeride - Turns to the next page for more details.
The Long Tail design concept has arrived: the WindSUP 12'2" x 30" is our halo model for the year 2014.

This retro-looking shape is in fact the future of windsurfing. With its new long tail concept, you have a popular SUP paddleboard shape that becomes a fast gliding windsurfers for that finally transitions into planing mode effortlessly, easily and in very little wind.

Rediscover windsurfing, the joy of an efficient glide and planing from as little wind as 7 knots. For the best experience, we also highly recommend the board to be windsurfer with a WindsUP sail, not a planing mono/freeride sail.

Stand Up Paddleboarding: based on the new freeride category of paddle board shapes, the Freeride is the suitable shape for all-round SUP from flat water explorations to open oceans and swell.

Windsurfing: Fit a WindSUP sail and glide faster. From 7 knots and up, the board accelerates and starts to lift itself up onto a plane.

The Planing version: the fin is mounted using a stubble fin box.
- Lighter, more disconnect, more efficient at getting planing, more suitable for mixed paddle board use and windsurfing.
- Fin does not retract

Recommended for mixed SUP and windsurf use or on SUP with extra upgrade possibilities

The Daggerboard version: fitted with a retractable Clipperbox daggerboard
- Daggerboard retracts for easier handling on the beach, larger fun gives more performance.
- Bulkier system

Recommended for mostly windsurfing use

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Fin</th>
<th>Flexes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WindSUP 12.2' x 30' Freeride (Finning)</td>
<td>232</td>
<td>315</td>
<td>15.0</td>
<td>Drake 120 Bar 23</td>
<td></td>
</tr>
<tr>
<td>WindSUP 12.2' x 30' Freeride (Daggerboard)</td>
<td>232</td>
<td>315</td>
<td>15.0</td>
<td>Drake 120 Bar 23</td>
<td></td>
</tr>
<tr>
<td>WindSUP 12.2' x 30' Freeride (Package)</td>
<td>232</td>
<td>315</td>
<td>15.0</td>
<td>Drake 120 Bar 23</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Drake 120 Bar 23</td>
<td></td>
</tr>
</tbody>
</table>

The Innovation: by moving the fin/daggerboard further back, the board shifts naturally into a planing position with the need for adjustable mast tracks retractable systems. The alignment between the sail and the fin reflects the alignment on a regular planing board.

The perfect match: Stabideck WindsUP Compact Tail package

Long Tail concept: thanks to a fast gliding shape, the board accelerates to planing speed easily. Unlike conventional surfboards, the long tail prevents the nose from lifting and the tail from sinking as the rider moves back; the board transitions into planing seamlessly, without effort. The rider doesn’t need to learn how to get planing; it just happens. This is the magical moment.

Hand rails: Planing release

Soft rails: Smooth water flow to reduce drag

1967 Jim Drake's original Skate

1980s

1974
Introducing the World’s first drop-stitched inflatable windsurfer.

Starboard’s innovative inflatables are helping revolutionize windsurfing, as we know it. Gone are the days when recreational windsurfing meant long, large and heavy boards.

The inflatables are the technically speaking, the strongest boards, the lightest boards (per litre) and the most compact boards ever. Roll them up and they pack into a car, under the担子, or a suitcase. On the water, their drop-stitched construction makes them surprisingly stiff. Safe for kids to play on, fun and friendly to ride, paddle or windsurf: the new Starboard WindsUP Inflatables are the gobs board for the summer.

**WindsUP Inflatable 9’0” x 30’1”** now for 2014, this is the board for younger or lighter riders. The most compact and maneuverable WindsUP Inflatable yet!

**WindsUP Inflatable 10’0” x 31’2”** based on the famous Whisper shape, this is the ideal all-rounder thanks to a perfect balance between glide and stability.

**WindsUP Inflatable 11’3” x 32’3”** for those who prefer more glide and流畅的 traction. Improvised and shortened makes it the stiffest one too.

**WindsUP Inflatable 11’3” x 39’’** the super stable option and our test team’s favorite. Since the boards are deflatable, why not go for the biggest and most stable one? Take the wide family inflatable, teach your claimed friends or every time on the water without the fear of falling in.

**WindsUP Inflatable 12’6” x 32’’ Touring**; the fastest option with the smoothest glide and a unique hull shape.
The WindSUP Sail Packages are the simple, light wind windsurfing rigs. The Classic, Quick and Compact are light, powerful and a perfect match for your paddle board.

Quick

Available in 5.5 and 6.5m²

The WindSUP Quick Sail Package is a new sail concept from Starboard that easily assembles in 30 seconds.

Classic

Available in 4.5, 5.5 and 6.5m²

The WindSUP Classic Sail Package returns to be the simple, light wind windsurfing rig. It is powerful and easy to assemble and now with an RDM mast for 2014, it is lighter and feels smoother on the water.

Compact

Available in 5.5 and 6.5m²

The WindSUP Compact Sail Package is the simple and compact light wind windsurfing rig. It is light, easy to assemble and easy to transport.

To assemble the WindSUP Quick, unfold the sail and start connecting the mast pieces from the top down.

As you work down the mast, the elastic inside the mast helps each piece simply click into place.

When complete, effortlessly pull on the dowel and you are ready to go.

The WindSUP Sail Package is designed to power SUP boards fitted with nose tracks and lightweight windsurfing boards.
Fly across the water, the wind in your sail and carve out beautiful jibes with the occasional jump: this is freeride windsurfing - the purest, simplest and most popular segment of windsurfing.

- 2014 sees the return of Tiresia You’s original slim board in the AtomIQ, the maneuverable freeride board with the widest wind range. See back page for more info.
- Remi Vila has led the development of the new upgraded Carve that became thinner again, and also the Futura with their new blue flash and their new leathers, wider fluorescent racing stripes.
- Special thanks to the 2014 freeride development cycle for testing, development and design ideas: go out to Sven Rasmussen, Antoine Lefloch, Fabien Midroney, Sergio Chalka, Dany Bech, Ian Fitz and Gormey Morandiero.

<table>
<thead>
<tr>
<th>Carve</th>
<th>p58-p59</th>
</tr>
</thead>
<tbody>
<tr>
<td>Futura</td>
<td>p60-p61</td>
</tr>
<tr>
<td>Kode Tufskin</td>
<td>p62-p63</td>
</tr>
<tr>
<td>Go</td>
<td>p64-p65</td>
</tr>
<tr>
<td>AtomiQ</td>
<td>Back Cover</td>
</tr>
</tbody>
</table>
8% slimmer again: six all-new Carves to make our plug-and-play freeride boards cover a wider wind range than ever.

The thinner the board, the more sporty it feels. The more controllable it becomes and more efficient at planing and accelerating it becomes. Having been slimmed down 8% last year and 8% again on average, the new Carves keep their width to maintain their stability, their low-end power, their ability to get planing early then keep planing. A wider wind range than ever before.

Remi Vila, chief designer, has also chosen to fit new faster rocker lines without any tail kick to increase top speed and promote easier, quicker planing.

New tail shapes between the footstraps (i.e. 30-80cm from the tail) have added softness to promote and easier entry into the jibe.

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Fin</th>
<th>Fin type</th>
<th>Fin range</th>
<th>Ball range</th>
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<tr>
<td>Carve 431</td>
<td>12.2</td>
<td>296</td>
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<td>47.4</td>
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<td>Turbo</td>
<td>36-42</td>
<td>5.9-7.3</td>
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<td>Carve 423</td>
<td>12.1</td>
<td>296</td>
<td>72.5</td>
<td>47.0</td>
<td>Drake Freeride Power 42</td>
<td>Turbo</td>
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<td>5.9-7.3</td>
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<td>Carve 436</td>
<td>12.1</td>
<td>293</td>
<td>71.5</td>
<td>46.1</td>
<td>Drake Freeride Power 46</td>
<td>Turbo</td>
<td>36-43</td>
<td>5.9-10.9</td>
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<td>293</td>
<td>71.5</td>
<td>46.9</td>
<td>Drake Freeride Power 40</td>
<td>Turbo</td>
<td>40-45</td>
<td>6.9-9.3</td>
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<tr>
<td>Carve 443</td>
<td>14.1</td>
<td>293</td>
<td>71.5</td>
<td>46.9</td>
<td>Drake Freeride Power 40</td>
<td>Turbo</td>
<td>40-45</td>
<td>6.9-9.3</td>
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<tr>
<td>Carve 425</td>
<td>13.1</td>
<td>293</td>
<td>71.5</td>
<td>43.0</td>
<td>Drake Freeride Power 30</td>
<td>Turbo</td>
<td>36-45</td>
<td>7.9-10.9</td>
</tr>
</tbody>
</table>
Enjoy extra stability at low speeds and class-leading top-end speeds across a mega-wide wind range: the sporty, race-DNA Futuras are for freeriders who want to tune and maximize performance.

The 2014 design includes the very-deep-deck-concave concept, the mini-wingers concept, the C3 designed Venom fins and open-angle cutaways with heel extensions.

New UV protecting blue finish on the carbon models and the new fluorescent ivory finish from the iconic add to their racing pedigree.
The new 2014 Kode Tufskins: the two-in-one windsurfing board.

A modern, fast and maneuverable freestyle board for adults on one hand and a stable, compact entry level boards for kids on the other hand.

The 113 and 123 have thin rails with a hard release edge that gives them an aggressive bite when carving and acceleration that feels sharp and free. The fins have extra float to carry through jibe and extended cutaways on the bottom improve top-end speed and fin grip.

The 137 is the most fun and cruisy board, always in control and stable for all.

All boards have a spiralling Vee bottom shape to combine maximum speed and maximum maneuverability in one. Full EVA decks make them soft and friendly for kids. Multiple insert positions and a centre fin box allows the boards to be set up for the kid’s first time, their progressing and finally their advanced windsurfing stages.

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Wee</th>
<th>Riders</th>
<th>Fin range</th>
<th>Sail range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kode Tufskin 113</td>
<td>113</td>
<td>235</td>
<td>73.5</td>
<td>45.3</td>
<td>2 x Nett</td>
<td>26.45</td>
<td>2.9/5.0</td>
<td></td>
</tr>
<tr>
<td>Kode Tufskin 123</td>
<td>123</td>
<td>255</td>
<td>76.5</td>
<td>46.5</td>
<td>2 x Nett</td>
<td>26.45</td>
<td>2.9/5.0</td>
<td></td>
</tr>
<tr>
<td>Kode Tufskin 137</td>
<td>137</td>
<td>264</td>
<td>79.5</td>
<td>47.5</td>
<td>2 x Nett</td>
<td>26.45</td>
<td>2.9/5.0</td>
<td></td>
</tr>
</tbody>
</table>

113/123 models: Cut aways are slightly longer for improved fin tracking and increased top end speed.

Tail volume: Increased volume behind the back foot improves float when accelerating.

Deck features: Soft EVA deck for maximum comfort and a carry handle to make handling more convenient.

Outline: The Kode Tufskins are very compact: short and wide. This makes them very stable and maneuverable for kids to learn and progress with. For adults, this compact shape makes the board maneuverable, fast and fun.

Dual purpose: Multiple insert positions, fins and fin boxes allows the Kode Tufskin to be set up for beginners, intermediates or experts.

Fin set up for beginners. This set up helps to prevent the board from drifting with the wind during the rider’s learning stages.

Fin set up for advanced riders. This set up requires more board control and skill to prevent drifting, but it makes the board faster and more maneuverable.
The GO is in our opinion the most complete board in the category that will satisfy the struggling beginner just as much as the soaring 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 curve can be light, and the board is more playful than the test group's average, creating a less 'gated' feel than the other boards in the group.” PlanchaMag Special Test Issue, March/April 2012, France.

The GO Windsurfer, at 171 litres, is a special double-board model with extra length and extra dome for more fun and performance in lightwind conditions.

The GO 151 and 161 include a centre fin-box – perfect for fitting an extra centre fin that makes a beginner's first steps even easier (second fin is optional).

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Fin</th>
<th>Fin range</th>
<th>SAIL range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Go 151</td>
<td>151</td>
<td>76.3</td>
<td>76.3</td>
<td>1.0</td>
<td>3.0 - 8.4</td>
<td>2.5 - 7.0</td>
</tr>
<tr>
<td>Go 161</td>
<td>161</td>
<td>76.3</td>
<td>76.3</td>
<td>1.0</td>
<td>3.0 - 8.4</td>
<td>2.5 - 7.0</td>
</tr>
<tr>
<td>Go Windsurfer</td>
<td>171</td>
<td>76.3</td>
<td>76.3</td>
<td>1.0</td>
<td>3.0 - 8.4</td>
<td>2.5 - 7.0</td>
</tr>
</tbody>
</table>
From windsurfing clubs, schools to your very first board, Starboard offers the most complete and innovative entry-level boards.

- The new 2014 Rios have been refreshed with a new deck design, more durable, lighter and easier for windsurfing clubs to maintain. They remain our most popular entry-level boards; helping windsurfers learn and progress from their very first steps to their first career jobs.

- The ultrawide Starts, the iconic boards that started the whole windsurf revolution in the entry-level segment, are simply the most stable and easiest boards to learn windsurfing on.

- The Gemini, our wide and stable tandem board, is not only a super fun social board for skilled windsurfers, it’s also a popular teaching and introductory tool for clubs and schools. There’s no better way to get newcomers addicted to the sensation of flying on the water than to give them a ride on the front of a Gemini.

Start
Rio
Gemini

p68-p69
p70-p71
p72-p73
The Starts are Starboard’s super-stable beginner boards. 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.

The original ultrawide 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 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.

Lots of deck features make the Starts user-friendly and versatile: there are nose and centre carry handles for convenience, multiple insert positions for tuning options for entry level/intermediate/advanced riders and there’s also an integrated nose protector to protect the board against nose impacts from the mast.

**FASTER & MORE GLIDE**

The Start M and L are 285cm long to give these ultra-stable boards extra glide and longitudinal traction in lightwinds.

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 a power surge.

Colour Coded, soft EVA deck helps the user learn correct feet positions and sail positions.
The new all-round Rios come with a new deck design for 2014. With reduced EVA in the nose where the boom drags across, resistance to wear-and-tear is improved while making the board lighter. In the standing area, soft EVA keeps the board comfortable and grippy throughout an intensive season.

This EVA area is also ideal for easy replacement and repair. The new stomp graphics are painted not stuck, also for more wear-and-tear resistance and easy maintenance.

Tufskin ArmourTech models offer maximum impact resistance by using twice the layer of 3D glass laminate and adding an outer shell of ASA skin both deck and bottom. Tufskin ArmourTech is recommended for windsurfing schools and clubs.

The regular Tufskin Rio is lighter and our recommended option for a windsurfer’s first board or an all-round family board. The Rio is adapted and designed for learning progressing from basic maneuvers to getting planing smoothly and easily.

The easy choice.

---

**RIO XL**

The RIO XL is the extra long model, developed for schools that prefer longer shapes for the most glide and longitudinal traction. At 92.5cm wide, it remains a stable platform for beginners to learn and progress.

It is a school only board, available only in ArmourTech and is finished all white to make repairs and maintenance easy. The deck is finished in conventional nonslip.

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| Model | Volume | Length | Width | Tail width | Fin
|-------|--------|--------|-------|------------|-----|
| Rio S | 1800   | 289    | 76    | 56.2       | 8\(\times\)\(\times\)\(\times\)
| Rio M | 2100   | 290    | 81.5  | 59         | 8\(\times\)\(\times\)\(\times\)
| Rio L | 2300   | 300    | 85.5  | 64.5       | 8\(\times\)\(\times\)\(\times\)
| Rio XL| 2600   | 330    | 82.5  | 64.1       | 8\(\times\)\(\times\)\(\times\)\(\times\)

Available in Tufskin & ArmourTech. Rio XL available in ArmourTech only.
"You have to try the Gemini at least once in your lifetime."

The experience of windsurfing in tandems, to share the thrill of planing with a new windsurfer or to see how fast you can go partnered with another advanced windsurfer, is unique. With the Gemini Mk II, it's never been easier or felt more natural. A classic and an original Jim Drake design.

Deck Contour Design: enjoy the perfect grip under your feet and find right at home. The Gemini’s deck shape is designed to feel and ride just as if you were riding your solo freeride board.

Forward Daggerboard position: The daggerboard is operated by the front rider. It is positioned far forward in the board, improving the leverage the daggerboard has to track you upwind.

- Extra long shape Benefit 1: allows the rocker to be stretched out for an ultra-long flat profile. The Gemini Mk II gets planing easily, earlier and with less effort.
- Benefit 2: there is more space between the sails. You can tack and jibe more easily without the two sails interfering with each other.

<table>
<thead>
<tr>
<th>Model</th>
<th>Volumes</th>
<th>Length</th>
<th>Width</th>
<th>Tall width</th>
<th>Pin</th>
<th>Fibres</th>
<th>Pin range</th>
<th>Sail range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gemini MK II</td>
<td>50/40</td>
<td>1505</td>
<td>872</td>
<td>50/30</td>
<td>M2</td>
<td>49/40</td>
<td>3.5/4.0</td>
<td></td>
</tr>
</tbody>
</table>
The reference website for anyone looking to give windsurfing a go.

The website includes video instructions for all the windsurfing basics, from preparing your board and sail to learning to uphaul, to maneuver, to use the harness, and to get into the steps.

There's a forum for anyone seeking answers and a list of places to rent equipment or get lessons.

So where do you go? Go to StartWindsurfing.com.
**ATOMiQ**: the new slim shapes for the widest wind range, covering the typical wind-range of two to three classical freeride boards.

Plane early like a board with 15 liters of extra volume, as maneuverable and controllable as a board with 15 liters less. ‘Plane big, jibe small’.

1. The original pioneering slim freeride board, first introduced in 2010.
2. 6mm Sponge layer under the standard grooved 6mm EVA layer, optimising comfort normally hard to achieve with thin profiles.
3. Aggressively hard-edged and very thin rails: jibe with grip and power. The AtomIQ invites the rider to carve harder and faster into the turns each time.
4. Very wide outline: the plane early, track upward with power and fly through lulls. Very compact with thin profiles: shed excessive mass and minimize swing weight. With the right tuning, they offer an extraordinary wind range.
5. Sonic 110 rockera + thin hard rails = sporty and aggressive character.