Choose Your Board Style

www.star-board-finder.com

If you are looking for a fast, high performance board with plug and play versatility.

Rider: Scott McKercher  Photographer: Margareta Engstrom / Location: Fiji
HAVE YOU TRIED?

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

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

THE NEW SUPer CAT

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

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

** TABLE OF SPECIFICATIONS **

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Width</th>
<th>Fin</th>
<th>Finbox</th>
<th>Sail range</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUPer Cat</td>
<td>235</td>
<td>120-140</td>
<td>5</td>
<td>Clipperbox Daggerboard 570</td>
<td>2x 10&quot; US Box + Clipperbox 3.0-9.5</td>
</tr>
</tbody>
</table>

Photographer: Koltdblack
Over the 43 years of the sport’s evolution we have been involved in 16 of them as windsurfing developers, striving to make better equipment and campaigns for every riding style. The very first time one tries windsurfing one decides if there will be a second time, thus our crew keeps on developing the best gear for an easy entry into our sport.

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

Which of our brand new boards are we most the most happy with for 2011?

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

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

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

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

Windsurfing magazine USA 2010

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

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

Thanks for making our journey possible and welcome on board for 2011.
A new world of lightwind windsurfing - introducing the new SERENITY Mk II, the K15 and the Serenity Cat

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

Available in Sport Tech and Wood Technology.

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

Available in Tufskin Technology

Serenity Cat
The Serenity Cat explores how far we can push the concept of sharing windsurfing. We wanted to see how a totally different approach can transform the windsurfing experience.

To maximize the ability to share windsurfing, we designed an ultra stable shape that carries multiple passengers. The design is more stable than any other board we have ever conceived. To maximize the fun, we need a board that glides effortlessly and is packed full of features to make cruising social and most enjoyable. From beer can holders, fishing rod holders and water-tight storage compartments to store sun-block lotions, phones and sandwiches, we implemented plenty of neat ideas.

On the water, its greatest feeling of all is the effortless and speedy glide. The Serenity Cat, with its twin round hull design, glides beautifully and accelerates in the lightest of breezes. The world’s most stable and most social windsurfing board. A new windsurfing experience.

Currently an experimental concept.

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Width</th>
<th>Fin</th>
<th>Finbox</th>
<th>Sail range</th>
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<tbody>
<tr>
<td>Serenity Mk II</td>
<td>460</td>
<td>52.5</td>
<td>Drake Shallow/Drake Race 410</td>
<td>Deep Tuttle/US Box</td>
<td>5.0-10</td>
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<tr>
<td></td>
<td>460</td>
<td>61.5</td>
<td>Drake Race XL 700</td>
<td>Deep Tuttle/US Box</td>
<td>5.0-10</td>
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<tr>
<td>K15</td>
<td>460</td>
<td>75</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>460</td>
<td>77</td>
<td></td>
<td></td>
<td>3.0-15</td>
</tr>
<tr>
<td>Serenity Cat</td>
<td>460</td>
<td>61</td>
<td></td>
<td></td>
<td>3.0-15</td>
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</tbody>
</table>
“Wind-powered SUP?
That would be Windsupping then.”
The SUPers are Starboard’s cross-over boards between windsurfing and stand-up paddling.

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

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

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

### FOUR SIZES

<table>
<thead>
<tr>
<th>The SUPer 12’6”</th>
<th>The SUPer 12</th>
<th>The SUPer 10</th>
<th>The SUPer 8’8</th>
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</thead>
<tbody>
<tr>
<td>Slick</td>
<td>Slick</td>
<td>Slick</td>
<td>Slick</td>
</tr>
<tr>
<td>Blau Touch</td>
<td>Camo Black</td>
<td>Blue</td>
<td>Slick</td>
</tr>
<tr>
<td>Available in Blue Touch only and includes sidebiter fins</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Includes a fully retractable daggerboard</td>
<td></td>
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### THREE CONSTRUCTIONS

<table>
<thead>
<tr>
<th>Slick</th>
<th>Blue Touch</th>
<th>Camo Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft-board construction with double smooth bottom skin and double internal wood stringers. The most affordable option. The Slick models are also available as pure paddle boards, without windsurfing options.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Includes a fully retractable daggerboard</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Includes a full-length keel and a special non-slip deck finish</td>
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</tbody>
</table>

### THREE CONSTRUCTIONS

<table>
<thead>
<tr>
<th>Camo Black</th>
<th>Slick</th>
<th>Blue Touch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tough, epoxy fibre glass construction with camouflage soft deck finish.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Includes a fully retractable daggerboard</td>
<td></td>
<td></td>
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</table>

### SUPerness

- **Slick**
  - A soft-board construction with a durable smooth bottom skin and double internal wood stringers. The most affordable option. The Slick models are also available as pure paddle boards, without windsurfing options.
- **Blue Touch**
  - A soft-board construction with a durable smooth bottom skin and double internal wood stringers. The most stable board.
- **Camo Black**
  - A tough, epoxy fibre glass construction with a camouflage soft deck finish. The Slick model includes a full-length keel and a special non-slip deck finish.

### Availability Chart

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail Width</th>
<th>Fin</th>
<th>Fin Box</th>
<th>Sail Range</th>
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<tbody>
<tr>
<td>SUPer 10’6” Slick</td>
<td>198</td>
<td>198</td>
<td>75</td>
<td>84</td>
<td>SUP 7” 3/4</td>
<td>Clipperbox + 2x Mini Tuttle + Tuttle</td>
<td>12.5</td>
</tr>
<tr>
<td>SUPer 10’ Blue</td>
<td>198</td>
<td>198</td>
<td>83</td>
<td>84</td>
<td>SUP 7” 3/4</td>
<td>Clipperbox + 2x Mini Tuttle + Tuttle</td>
<td>12.5</td>
</tr>
<tr>
<td>SUPer 10’ Camo Black</td>
<td>198</td>
<td>198</td>
<td>83</td>
<td>84</td>
<td>SUP 7” 3/4</td>
<td>Clipperbox + 2x Mini Tuttle + Tuttle</td>
<td>12.5</td>
</tr>
</tbody>
</table>

*Photographer: Margareta Engstrom
Tower: Starboard R&D Dream Team
SCOTT MCKERCHER
STARBORD WAVE R&D
DREAM TEAM
SCOTT MCKERCHER*
"A lightwind wave-riding shape that has the remarkable ability to generate planing speed while turning."

It’s a lightwind Wave Windsurfer. The new shape delivers a planing wave-riding possibility with a stand-up paddleboard to create a new hybrid breed: lightwind wave-riding shapes that have the remarkable ability to generate planing speed while turning. The smallest of waves and lightest of winds have become something to enjoy like never before.

"Switch from paddle power to wind power."

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

It’s a stand-up paddleboard. As a SUP, the board’s 13 ½” width and generous volume makes it user friendly. The compact 8’10” outline maintains a high surfing performance edge. Its unique combination of planing windsurfing rocker and single concave bottom configuration gets the board onto waves incredibly easy and early. In less than perfect waves, it generates a unprecedented speed whilst maintaining and surprising paddling and surfing maneuverability.

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

SUPer Sail
Light, powerful, durable – the SUPer Sails are easy to assemble, easy to disassemble and easy to transport with your SUP board. At 1.5kg, the 6.5 is half the weight of a conventional 6.5 sail, making it easy to handle and power.

Supersailing... This is Windsupping then.

A lightwind wave-riding shape that has the remarkable ability to generate planing speed while turning. The smallest of waves and lightest of winds have become something to enjoy like never before.

"Switch from paddle power to wind power."

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

Model | Length | Width | Tail width | Pin | Finbox | Sail range
--- | --- | --- | --- | --- | --- | ---
SUPer Wave 8'10" | 306cm | 80 | 49.8 | 3a Drake 4.7 | 150-300 | 5.5-18

Model | Length | Beam
--- | --- | ---
SUPer Sail 5.5 | 488cm | 180cm
SUPer Sail 6.5 | 488cm | 250cm
These 5 new shapes get planning so much more easily. Fast, fun and exciting. One for all!
The GO - Starboard's iconic range of progressive freeride boards. They are the original, comfortable, stable and easy all-round designs that keep transforming modern windsurfing.

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

**Sizes and features**

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

- **Foostrap positions for every level of sailing**
  - Beginner
  - Intermediate
  - Advanced

- **Carry handles in the centre**: makes carrying the board under-arm easy.

- **Carry handles on the bottom side of the nose**: makes carrying the board by two people more convenient.

- **Full soft EVA deck**: comfortable for your feet, knees and elbows. You get lots of grip without the cuts or rashes. New for 2011: the EVA deck is raised high above the edges of the board to allow the water to flow freely around the board and carve jibes smoothly without interruption. The EVA deck is also reduced from the nose and tail area, keeping the soft deck away from abrasion intensive areas.

- **Model Length Width Tail width Fin Finbox Fin range Sail range**
  - **GO 121**
    - Length: 180
    - Width: 74.1
    - Tail width: 32.1
    - Fin: 1 pc. 5.5cm
    - Finbox: Starboard Direct Forward Fins 5.5
    - Fin range: Tuttle 30-400, 40-500
    - Sail range: 5.0-8.0
  - **GO 131**
    - Length: 180
    - Width: 79.5
    - Tail width: 35.3
    - Fin: 1 pc. 5.5cm
    - Finbox: Starboard Direct Forward Fins 5.5
    - Fin range: Tuttle 30-400, 40-500
    - Sail range: 5.5-9.0
  - **GO 141**
    - Length: 180
    - Width: 85.8
    - Tail width: 38.4
    - Fin: 1 pc. 5.5cm
    - Finbox: Starboard Direct Forward Fins 5.5
    - Fin range: Tuttle 30-400, 40-500
    - Sail range: 6.0-9.5
  - **GO 151**
    - Length: 180
    - Width: 92.0
    - Tail width: 41.6
    - Fin: 1 pc. 5.5cm
    - Finbox: Starboard Direct Forward Fins 5.5
    - Fin range: Tuttle 30-400, 40-500
    - Sail range: 6.5-10
  - **GO 171**
    - Length: 180
    - Width: 98.3
    - Tail width: 44.8
    - Fin: 1 pc. 5.5cm
    - Finbox: Starboard Direct Forward Fins 5.5
    - Fin range: Tuttle 30-400, 40-500
    - Sail range: 7.0-10

- **New!** The 151 and 171 models now include a centre box. With the supplied fins, they can be set up for beginners, progressive or advanced riders.

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

- **The new outlines are longer, with a rockerrline that is stretched out and more slender.** This allows the boards to get planing more smoothly and more gradually, as they glide forwards. Maintaining plenty of width, the GOs remain super stable with lots of power in reserve.

- **For more advanced riders, this power can be used with larger sails to maximise the board’s early planing abilities, drive speed and reach top speed.**

- **New hard rail edges allow the board to release cleanly from the water as it accelerates, promoting early planing yet further and giving the board a crisp, clean ride with sharp accelerations with every gust of wind.**

- **In the jibes, the GO’s shape makes jibing virtually automatic. They are the easiest boards to learn your carve jibes, perfect your skills and make your first fully-planing jibes on.**

- **Carry handles, their narrow, rounded tails and the float designed into the board’s rails makes them planes out of a jibe more easily.**

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

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

**Beginners**

**Progressive**

**Advanced**

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**Photographer:** John Carter

**2010 PWA WAVE VICE CHAMPION**

**IBALLA MORENO**

**STARBOARD AUGUST 2010**
The GO Windsurfer is the natural concept born out of the Starboard Share Windsurfing movement. It is currently the world’s most stable freeride board with a daggerboard.

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

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

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

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

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

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

Shape and Fittings

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

Available in Tufskin with a full EVA deck.

<table>
<thead>
<tr>
<th>Model</th>
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<th>Width</th>
<th>Tail width</th>
<th>Fin</th>
<th>Finbox</th>
<th>Fin range</th>
<th>Sail range</th>
</tr>
</thead>
<tbody>
<tr>
<td>GO Windsurfer</td>
<td>271</td>
<td>85.4</td>
<td>94.4</td>
<td>3 Blade Freestyle/Pump 290</td>
<td>Clipperbox</td>
<td>140-160</td>
<td>7.0-11</td>
</tr>
</tbody>
</table>
With its incredible stability, you could share windsurfing with beginners instantly and take them planing within seconds. Schools wondered at the ability to teach beginners while sailing together with them on the same board. For windsurfing clubs, windsurfing centres and high performance riders, there was no better exhilaration than to share a high speed reach with a friend on the world’s easiest tandem platform.

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

**New longer shape**

Benefit 1: the new Gemini Mk II gets planing much easier, much earlier and with no effort thanks to its longer shape. This longer shape allows the rocker to be stretched out for an ultra long flat profile. The Gemini Mk II planes up easier and rides faster than ever.

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

**New Deck Contour**

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

**New Daggerboard position:**

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

**Technology**

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

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**Fittings:**

1. Front rider’s mast track
2. Front rider’s footstraps
3. Tail rider’s mast track
4. Tail rider’s footstraps
5. Forward positioned daggerboard — improved speed performance
6. Tail carry handle
7. Front carry handle

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**Table:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Fins</th>
<th>Fins box</th>
<th>Fins range</th>
<th>Sail range</th>
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<tbody>
<tr>
<td>Gemini Mk II</td>
<td>384 lit</td>
<td>100.5</td>
<td>87.2</td>
<td></td>
<td></td>
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</tbody>
</table>
“With their longer noses, the two new shapes glide beautifully, planing up so smoothly and so easily.”
Bridging the gap between planing boards and lightwind longboards, blurring the line between stable entry level boards and progressive freeride boards, the Rio S, M and L are the boards that cover the widest scope of users for all-wind conditions: windsurfing for everyone, every time and everywhere.

**Rio S, M, L**

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

Next! The Rio M and L are all new shapes that are planing earlier and easier. The new shapes are longer in the nose to get into the footstraps, and the high speeds and the high performance racing fun that have made it a best seller in the all-wind windsurfing category.

**Technology**

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

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

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

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

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

This makes Rio XL the ideal choice for schools that base their methods on classic gliding speed from the start. First time windsurfers get gliding right away, and at the same time they get hooked to the sensation.

This is not a board for planing, but a dedicated entry level board.

**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width (cm)</th>
<th>Tail width (cm)</th>
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<tr>
<td>Rio S</td>
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<td>230</td>
<td>74.2</td>
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<tr>
<td>Rio M</td>
<td>236l</td>
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<tr>
<td>Rio L</td>
<td>233l</td>
<td>230</td>
<td>81.5</td>
<td>27.6</td>
</tr>
<tr>
<td>Rio XL</td>
<td>266l</td>
<td>230</td>
<td>82.5</td>
<td>46.1</td>
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</tbody>
</table>

**Feature**

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

**Starboard’s Contour Deck Shape:**

The specially designed heel gutters makes it easier than ever to get into the footstraps.

- Perfect for school and clubs, the Armour Tech’s double thickness, double layered construction makes the board extra buoy for extra durability.
- The deck of the board is covered in a soft, grippy and ground EVA sheet 2 to 6 mm thick.
- The bottom and rails of the board are reinforced with a thin ASA plastic skin for extra impact and scratch resistance.

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

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

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

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

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

This makes Rio XL the ideal choice for schools that base their methods on classic gliding speed from the start. First time windsurfers get gliding right away, and at the same time they get hooked to the sensation.

This is not a board for planing, but a dedicated entry level board.
Feature-packed with smart ideas and offering the most advanced shape in the entry-level segment, the Starts make learning to windsurf and planing in the straps easier than ever.

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

- Super wide shape: therefore ultra-stable.
- Colour-coded deck: different colours on the deck indicate both ideal foot positions and sail positions: for uphauling, for medium-power-zone and for downhauling.
- Easy draft: Centre carry handle
- Extra-wide outlines with extra padding in the rail: makes learning and teaching much simpler.
- Integrated nose protector: to protect the board from mast impacts.
- Integrated EVA-Tufskin construction: the specially designed heel gutters make it easier than ever to sail with the footstraps.

Ultra-stable but also fun

- Many glide thanks to longer shape with a low, slender rocker that makes getting on to the plane smooth and easy.
- Centre planing: the extra-wide tufskin of the new Starts allows them to plane early and easily. The quicker you get planing, the quicker you get hooked.
- Super wide shape: therefore ultra-stable.
- Integrated nose protector: to protect the board from mast impacts.
- Colour-coded deck: different colours on the deck indicate both ideal foot positions and sail positions: for uphauling, for medium-power-zone and for downhauling.
- Integrated nose protector: to protect the board from mast impacts.
- Integrated EVA-Tufskin construction: the specially designed heel gutters make it easier than ever to sail with the footstraps.

Technology

The Starts are built in super durable Tufskin Technology with an ABS plastic plate: this plate is what makes the board ultra-stable and very comfortable, for maximum comfort and safety, the decks of the boards are covered in a soft, grippy and grooved EVA sheet 2 to 6mm thick.

The Start’s special features

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

Contour deck:

- Extra thick rail section in the middle of the board: adds extra stability.
- Colour coded deck: different colours on the deck indicate both ideal foot positions and sail positions: for uphauling, for medium-power-zone and for downhauling.

- Integrated EVA-Tufskin construction: the specially designed heel gutters make it easier than ever to sail with the footstraps.

Model Volume Width Tail Width File Price Range Sail Range
Start M 223 270 94 76.2
Start L 254 270 103.8 80.8

Volume Width Tail Width
Drake Shallow 410 + Allgaier 620

The quicker you get planing, the quicker you get hooked.

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

- Beginner footstrap positions
- Convenient carry handles
- Full EVA deck: makes the Start comfortable and fun to ride on.
- Super wide shape: therefore ultra-stable.
- Extra-wide tails offer easier planing and earlier planing
- Side-cuts improve fin drive and release
- Extra-wide tails offer easier and earlier planing
- Tail cutaways improve speed and acceleration
- Integrated nose protector

Drake Shallow 410 + Allgaier 620

Features

- Integrated nose protector
- Contour deck
- Colour coded deck
- Extra one-seater

Colours

- Feet: blue zone
- Sail: grey zone
- Feet: grey zone
- Sail: red zone
- Feet: grey zone
- Sail: blue zone

Colours

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

What makes the Kode Tufskins unique is first of all their shape. They are very compact: short and wide. This makes them very stable and maneuverable for kids to learn and progress with. For adults, this compact shape makes the board very maneuverable, fast and fun. Secondly, the Kode Tufskins are loaded with features and parts that allow the board to fully adapt to its dual purpose.

Available in three sizes, 113, 123, 137, there is a perfect Kode Tufskin to match any and every windsurfing family’s needs.

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

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

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

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

Fittings:
They are supplied with three fins and are fitted with two fin boxes. This allows them to be fitted with a beginner’s fin setup, an intermediate’s fin setup, or an advanced rider’s fin setup.

The footstrap position can be fitted to match a beginner’s needs, an intermediate rider’s or an advanced rider’s.

The Kode Tufskin feature a full soft EVA deck for maximum comfort.

A centre carry handle is fitted in the centre to make handling the board on land easy.
Starboard’s new UltraSonic blends incredible early-planing performance with comfort, ease and accessibility. Enjoy magical speeds in the lightest of winds. Visit the UltraSonic page on our website to watch a video of the UltraSonic overtaking the Formula in lightwinds, with not a white cap in sight. Riders: Steve Allen and Wojtek Brozowski.

“ Incredible early-planing performance.”

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Tail width</th>
<th>Fin</th>
<th>Finsizes</th>
<th>Power range</th>
<th>Sail range</th>
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<td>200</td>
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<td>NR</td>
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<td></td>
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<td></td>
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</tbody>
</table>

Design:
1. The UltraSonic design starts from the iSonic base and adds some extra width and loses more thickness. It sits outside the PWA width limit, but never mind that if you’re not in a PWA race.
2. The nose of the UltraSonic is then lengthened to make the board more accessible. Tacking, jibing and getting up on to the plane are easier, smoother and more accessible.
3. The rail shapes under the footstraps are more comfortable and less boxy than the iSonics. This makes the board more comfortable, the straps are easier to get into and there is less burning-power in your back/hip when fully powered.
4. Like the iSonics, some key new design features make the UltraSonic the most advanced design to date: harder rail edges in the tail increases top speed, enables quicker acceleration in gusts, improves earlier planing and improves the board’s ability to maintain top speed in lulls.
5. Very Deep Deck Concave maximizes control by having the pivot point between sail and board kept low. The centre of gravity of the board is also lowered further to minimize undesired swing weight. The very deep deck concave also break the aerodynamic suction effect that often lifts the rear sail of control in light winds.

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

With the widest wind range in the world

ULTRASLIM

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

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

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

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

For advanced riders, the Atom has incredible maneuvering abilities, jibing and carving like no other board with its ultra-slim design. It carves on a dime like its other super-slim cousins of the snowboard/surfboard/wakeboard variety. As a board to carry larger sails in lighter winds, the Atom’s ultra-slim 99 litre design makes you feel like you’re driving a sports coupe. Feel the difference, meet the Atom.

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

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

Technology

The Atom is available in Wood and WoodCarbon.

### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Fin</th>
<th>Finbox</th>
<th>Fin range</th>
<th>Sail range</th>
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<tr>
<td>Atom 99</td>
<td>99</td>
<td>238</td>
<td>68.5</td>
<td>43.9</td>
<td>4.8-8.5</td>
<td>Drake Freedom 360</td>
<td>Powerbox</td>
<td>26-40</td>
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</table>

“Feel the difference, meet the Atom.”
“The best all-rounder for sure. If you want to blast fast and turn even faster, then this one is for you.” Windsurf UK February 2011
The new Carves. The classic freeriders are back, with their famous blend of easy, exciting and balanced performance. New for Spring Summer: three new additional sizes in the 111, 151 and 171.

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

**Design**

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

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

**DFC (Dual Flat Concept) rockerlines**

The first flat section under your foot is the main planing area. The second flat section in the tail provides tail kick to loosen the board, add maneuverability and free up the board, without compromising top speed or acceleration.

**Multiple insert positions**

These strap settings are positioned to mix performance, comfort and accessibility.

**NEW! PreTECT – UV protective film**

More durability and a longer lasting wood finish (Wood Models).

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

**Moderately wide shapes**

Blend a classic feel with a degree of wind range, bottom end power and low speed stability.

**CARVE CARVE CARVE**

**AS GOOD AS IT GETS**

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

**NEW**

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

**Availability**

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Fin</th>
<th>Fin range</th>
<th>Sail range</th>
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<td>Carve 111</td>
<td>111</td>
<td>245</td>
<td>66</td>
<td>62.8</td>
<td>Drake Freeride Power 380</td>
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<td>251</td>
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<td>63.6</td>
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<td>Carve 131</td>
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<td>Drake Freeride Power 520</td>
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<td>75-10</td>
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A double whammy of explosive acceleration and early planing. What a pleasure to ride. Its rivals had better be scared because this is one very complete board, and as a bonus, with a higher fun factor than them. A reference.

Planchec France, March 2010
Introducing six all-new Futuras: advanced freeriders with maximum wind range, early planing power and the highest top-end speed. Flip the coin and the Futuras are also the most stable boards thanks to their extra width and remain accessible to improving riders thanks to their inboard strap positions and comfortable deck domes.

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

“Stable at low speeds, the Futura 122 has a double whammy of explosive acceleration and early planing. What a pleasure to ride high on the water with just the tip of the rail and the fin in the water. We really have minimal friction and you can go super fast without losing the legs of a skier. In rougher/more seawater it’s better to lower this because it’s one very complete board, and as a bonus, with a higher fun factor than them. A reference.” Planchemag, Feb-Mar 2010

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

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

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

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

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

Futura Feature 1: the Futuras are designed to have the same width-to-volume ratio as modern wide-style slalom boards. This means that they are wide in extra staid/sticky and the CG is controlled and responsive. Compared to classic freeriders, the Futuras are around 15% thinner.

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

Futura Feature 3: super wide wind range. Because the boards are wide and thin, the board can be paired with extra big sails and extra big fins: maximum top speeds.

Futura Feature 4: a wide sweet spot. Classic freeriders tend to need to be perfectly powered up with a perfectly sized sail. The Futuras have a wider sweet spot: if you ride slightly underpowered or overpowered, using a smaller sail or a larger sail or windsurfing in a patchy wind area, the Futuras deliver peak performance.

Futura Feature 5: big deck domes. This means that the deck shape is comfortable for all footstrap positions, whether you're using the powerful outboard settings or the more accessible inboard settings.

Futura Feature 6: very deep concaves. Aerodynamic suction effect that often lifts the nose out of control in high winds. Last but not least, the gap between the sail and deck is eliminated and the mast track can be moved back to improve top speed without compromising control. Note the very deep deck concaves require the boom to be set about 2cm higher than your normal setting.

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

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

Decks are designed to provide full comfort in all strap positions: inboard or outboard.

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

New Drake Venom Fins
- by using very deep deck concaves, the level of control is maximised.
- with harder rails, the board releases from the water cleaner and quicker; this increases top speed, enables quicker acceleration in gusts, improves easier planing and improved the board’s ability to maintain top speed in tills.
- by reducing the track order edge angle, the planing surface becomes wider and shorter than previously (higher aspect ratio planing surface); this improves bottom-end efficiency.

New Harder Rail Edges
- with harder rails, the board releases from the water cleaner and quicker; this increases top speed, enables quicker acceleration.

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

Classic rockers and thickness give the Futuras their freestyle performance and it speed across a wide sweet spot.
Photographer: John Carter

2010 PWA SLALOM VICE-CHAMPION

12X PWA OVERALL CHAMPION

DREAM TEAM

BJORN DUNKERBECK

SIX UPGRADES

“...A superb combination of excitement, control and above all performance. Highly recommended.”

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

SIX UPGRADES

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

UPGRADE TWO: Very Deep Deck Concaves.
The 2011 Concave has lots of deep, sharp concaves. By going so deep, the board is more flexible. The point between sail and board is kept on the loose side. This center of gravity of the board is also lowered further to maximize underwater use. These very deep deck concaves also break the aerodynamic suction effect that often lifts the nose out of control in high winds. Last but not least, the gap between the sail and deck is eliminated and the mast track can be moved back to improve top exit speed without compromising control (most tracks have been moved back 1.5cm). So the 90, 97, 107, 117, 117 Wide, 127, 137 model. Ride the very deep deck concavities require the boom to be set about 2cm higher than your normal setting.

UPGRADE THREE: Individual category trimming.
The planing surface tab (located behind the back heel) was individually tuned to carefully adjust the ride and trim of select (model sizes 90, 97, 107, 117, 117 Wide, 127, 137) iSonics (models 80, 90, 107, 117, 127 Wide, 137).
This individual tuning minimizes skin friction between board and water for more top-end potential, increases the sharpness of the board and boosts its acceleration, without breaching the limits of control conditions get rougher.

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

UPGRADE FIVE: Snug Strap Positioning.
All the footstraps were narrowed down to have an aperture of 14.5cm, which is narrower than usual. The angle of the front strap was also turned to 90° to improve the lengthwise of the board. These two tweaks combine to give a very snug fit to the front foot, allowing the rider to adjust pitch and roll more effectively as the board matches top speed.

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

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Width</th>
<th>Tail width</th>
<th>Recommended Fin</th>
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<td>80</td>
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<td>Drake Straps Pro 40+</td>
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<td>6.3-8.5</td>
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<td>Basic 90</td>
<td>137  Wide</td>
<td>260</td>
<td>57.5</td>
<td>Drake Straps Pro 40+</td>
<td>26-38</td>
<td>7.0-10.5</td>
<td>7.0</td>
<td>2.8-5.0</td>
</tr>
<tr>
<td>Basic 90</td>
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<td>7.5</td>
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</tr>
</tbody>
</table>

Since 2010 PWA Slalom 3rd Overall
The new iSonic Speed Specials: designed and developed by Björn Dunkerbeck, Carlos Sosa, Remi Vila and Tiesda You. The R&D team took the opportunity of having a clean sheet to focus on new shapes and a new dedicated speed-specific construction.

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

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

“The W54 is a great contest board when it is flat. You can use 7.8 down to 6.2. It’s easy, it has great control and it is very, very fast. The W49 is good from 7.0 to 5.6. Faster and just as easy with the same levels of control. The W44 is the most fun to ride but it needs the most wind. Use it with sails 6.2 and down to 5.1. These boards have been developed over years and they are the fastest boards I got to date.”

Carlos Sosa and I have been working on speed boards together since 1986 and with great results. Try them out and windsurf faster than ever. Enjoy your speed sailing!” Björn

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

---

**Shapes:**

- **iSonic Speed Special W44**
  - Sails: 5.1 to 6.2
  - Ultra Flat Water: 20cm fin
  - Flat Water: 22cm fin
  - All-Round Conditions: 24cm fin
  - Choppy/Light Wind: 26cm fin

- **iSonic Speed Special W49**
  - Sails: 5.6 to 7.0
  - Ultra Flat Water: 22cm fin
  - Flat Water: 24cm fin
  - All-Round Conditions: 26cm fin
  - Choppy/Light Wind: 28cm fin

- **iSonic Speed Special W54**
  - Sails: 6.2 to 7.8
  - Ultra Flat Water: 26cm fin
  - Flat Water: 28cm fin
  - All-Round Conditions: 30cm fin
  - Choppy/Light Wind: 32cm fin

- **iSonic Speed Special W58**
  - Sails: 5.8 to 8.0+
  - Ultra Flat Water: 28cm fin
  - Flat Water: 30cm fin
  - All-Round Conditions: 32cm fin
  - Choppy/Light Wind: 34cm fin

---

**Technology:**

- **iSonic Speed Special W44**
  - Fish scale pad grooving
  - Undirectional traction. Grips when you need them to, helps to release when you don’t.

- **iSonic Speed Special W49**
  - No-paint finish on the deck and rails - for minimum weight

- **iSonic Speed Special W54**
  - Very deep deck concave
  - Increases control, closes the gap between sail and deck

- **iSonic Speed Special W58**
  - Minimal pads = minimal weight

---

New Slick Straps by Drake

- Includes the convenient strap-size indicators.

---

“A new Speed Technology was also developed: a pure carbon construction with carbon overlapping rail wraps.”
Designed for light to medium winds or for medium to heavy weight riders, the Formula HWR provides the most all-rounder performance. Wojtek Brozozowski, Michael Polanowski and Remi Vila’s new design incorporates a new rocker line with 2mm extra tail-lift and a tail design with a new cutaway shape.

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

New tail rockers:
- 2mm more HWR compared to the F162/F161
- 5mm more LWR compared to the F160

New WoodCarbon hybrid technology:
- The control, comfort and shape stability of Wood
- The crisp, light and razor-sharp efficiency of Carbon.

New cutaway shapes:
- For a longer rail length and a wider surface area under your back foot

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

Starboard’s new Formula WoodCarbon Technology

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

With its wood bottom, Starboard’s Formula continues to provide the best control, comfort and dynamic shape stability in its class. With its carbon deck, the board provides the crisp, light and razor-sharp acceleration efficiency in all wind conditions. Starboard’s new Formula WoodCarbon Technology; the hybrid construction that brings you the best of both worlds.
The Formula Experience Class is a racing class based around standardized high-performance, high-quality and affordable racing equipment.

Formula Experience events are established all over the world and local events are just around the corner.

Visit www.fe.internationalwindsurfing.com for the full calendar of events.

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

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

An interesting thing happened in 2009. The freeracers and weekenders who don’t compete but like racing equipment exchanged their FE boards with the FW boards of those racers that week: everybody is on the water having fun.

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

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

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

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

Highlight 2011 Events

FE Worlds: Cancun, Mexico December 26 2011 Jan 1 2012
FE European: Pórtimao, Portugal June 14-19
FE North American: Cozumel, Mexico 17-20 Feb
Phantom Race 380

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

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

The new Technora option - this Phantom Race 380 is built deck and bottom in full PVC glass fibre sandwich with Technora reinforcements in the impact zones. Tougher than the Carbon edition, the Technora model is more durable and more resistant to sharp impacts.

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

Board Design - the shape features five key design elements:
- A lower nose rocker combined with extra nose vee allows the board to glide faster in lightwinds for improved lightwind performance. This lower nose rocker also gives the board greater speed in medium to high winds as the board crosses chop at a more efficient angle of attack. Faster in lightwinds and faster in high winds.
- The deck shape features heel extensions that increase the rider’s leverage over the daggerboard and fin. Extra leverage = extra power and extra upwind angle.

Phantom Race 320

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

Technology

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</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>Phantom Race 380</td>
<td>240</td>
<td>240</td>
<td>73</td>
<td>63.5</td>
<td>64</td>
<td>6.5-11.5</td>
<td>6.5-11.5</td>
</tr>
<tr>
<td>Phantom Race 320</td>
<td>225</td>
<td>216</td>
<td>65.5</td>
<td>63.5</td>
<td>61</td>
<td>6.5-11.5</td>
<td>6.5-11.5</td>
</tr>
</tbody>
</table>

Photographer: John Carter

STARBOARD RACING R&D

DREAM TEAM

REMI VILA

PHANTOM RACE

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

Introducing the new concept of waveboard adaptability: the IQ.

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

Adapt yourself with the new IQ.

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

Windsurf UK, November 2010

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

Boards UK, December 2010

Quad boards fitted with Slot Boxes weighed, on average, 640g lighter than those using conventional boxes.
'An Incredibly Responsive Fish. The Quad IQ left a lasting impression amongst our test team riders.'

Wind France, October 2010

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

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

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

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

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

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

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

Fittings:

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

New Deluxe straps by Drake – includes the convenient strap-size indicators.

Heel Bumpers – for comfort and impact shock-absorption

Double screws for the back footstrap - for extra strength

New Starboard Slot Box fin system

New Fluo yellow touches

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume (L)</th>
<th>Length (cm)</th>
<th>Width (cm)</th>
<th>Tail Width (cm)</th>
<th>Pin</th>
<th>Finbox</th>
<th>Fin range</th>
<th>Sail range</th>
</tr>
</thead>
<tbody>
<tr>
<td>IQ 69</td>
<td>57.5</td>
<td>58.5</td>
<td>33.4</td>
<td>2.0</td>
<td>4</td>
<td>Slot Box 10 + 2 x Slot Box 13</td>
<td>2.3-4.7</td>
<td>10-16</td>
</tr>
<tr>
<td>IQ 74</td>
<td>60.5</td>
<td>59.5</td>
<td>35.1</td>
<td>2.3</td>
<td>4</td>
<td>Slot Box 10 + 2 x Slot Box 13</td>
<td>3.0-5.0</td>
<td>10-16</td>
</tr>
<tr>
<td>IQ 77</td>
<td>63.5</td>
<td>60.5</td>
<td>35.6</td>
<td>3.0</td>
<td>4</td>
<td>Slot Box 10 + 2 x Slot Box 13</td>
<td>3.5-5.5</td>
<td>10-16</td>
</tr>
<tr>
<td>IQ 82</td>
<td>66.5</td>
<td>63.5</td>
<td>36.3</td>
<td>4.0</td>
<td>4</td>
<td>Slot Box 10 + 2 x Slot Box 13</td>
<td>4.0-6.0</td>
<td>10-16</td>
</tr>
<tr>
<td>IQ 87</td>
<td>69.5</td>
<td>66.5</td>
<td>37.3</td>
<td>4.5</td>
<td>4</td>
<td>Slot Box 10 + 2 x Slot Box 13</td>
<td>4.7-6.7</td>
<td>10-16</td>
</tr>
</tbody>
</table>

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

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

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

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

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

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

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

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

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

---

“On the wave face, it’s all unmistakably Evo: flow through tight turns and project big aerials off the lip”
"The Very Best"

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

Cons: Nothing to report.

Wind France, October 2010

Photographer: John Carter

Boujmaa Guilloul

KODE

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

**Which Kode?**

**The Kode 68** – the smallest Kode. Designed by Boujmaa Guilloul for his wave riding and bump-n’-jump performance. Fast, down-the-line shapes with juicy tails and fast rockerlines. These have been Kevin Pritchard’s favourites amongst the Starboard range 3 years in a row. Choose between the 74 and the 80 depending on your body weight and sail size. The 74 shape remains unchanged. The 80 shape has extra tail kick, for more maneuverability, a smoother, tighter top turn and a shortened nose, for a quicker response.

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

The secret Kode Part 2: extra fillet rails in the middle section of the board create extra bite into the water, going the Kode’s line agressive touch.

The SPONGE: The Kode 86, 94 and 103 also have a new pad design: 10mm of super soft SPONGE foam, pre-shaped and covered in EVA skin. This 3mm fish-scale over the sponge and curves into the board’s deck, giving a great feel of comfort and grip.

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

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

**The Kode 113 and 123** – the two largest boardsize that add freestyles to the wavefreenstyle equation. Blasting up and down the coaste, carving tight jibes and fifteen to frenzied passes with lightning-wave riding rollers. Compact and fast, these Kodes have a wide wave range and can carry bigger sails. Now for 2011: some extra rail volume was pumped into the tail to add early planing power, add more grip to your back foot and offer more forgiveness to the exit of a jibe. It’s harder to stall it so that you can come out planing more easily.

**Construction: WoodCarbon** – the lightest, stiffest option. **Wood** – extra light, light and with the heating-favoured feel. **Technora** – light and stiff, and the best priced option.

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

**Fittings:**

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

**Model** | **Volume** | **Length** | **Width** | **Tail width** | **Fin** | **Range** | **Sail**
--- | --- | --- | --- | --- | --- | --- | ---
Kode 68 | 68 | 228 | 5.6 | 32.2 | | | |
Kode 74 | 74 | 234 | 5.6 | 32.6 | | | |
Kode 80 | 80 | 230 | 5.6 | 33.3 | | | |
Kode 86 | 86 | 237 | 5.6 | 34.4 | | | |
Kode 94 | 94 | 237 | 6.3 | 38.6 | | | |
Kode 103 | 103 | 237 | 6.0 | 41.9 | | | |
Kode 113 | 113 | 237 | 6.0 | 43.7 | | | |
Kode 123 | 123 | 237 | 7.2 | 47.5 | | | |


**Fittings:**

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

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

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

---

**Model** | **Volume** | **Length** | **Width** | **Tail width** | **Fin** | **Range** | **Sail**
--- | --- | --- | --- | --- | --- | --- | ---
Drake Natural Wave 210 | 210 | 56 | 54.2 | 33.4 | | 5.5-9.0 | 5.5-7.0
Drake Natural Wave 220 | 220 | 57 | 54.7 | 34.0 | | 5.5-9.0 | 5.6-7.0
Drake Natural Wave 230 | 230 | 58 | 54.7 | 34.6 | | 5.5-9.0 | 5.6-7.0
Drake Freewave 260 | 260 | 54 | 54.7 | 34.6 | | 5.5-9.0 | 5.6-7.0
Drake Freewave 270 | 270 | 54 | 54.7 | 34.6 | | 5.5-9.0 | 5.6-7.0
Drake Freewave 280 | 280 | 54 | 54.7 | 34.6 | | 5.5-9.0 | 5.6-7.0

**Fittings:**

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

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

Windsurf UK, Jan-Feb 2010 on the Kode 103.
“The Flare delivers it all. It works superbly for the widest range of rider techniques and abilities.”

*Windsurf UK, July 2010*
The new fluorescent Flares. The Flare family returns with a striking new livery, with a new Flare 116 model and welcomes back a classic shape in the Flare 88.

The test team:

The Design
The Flares are freestyle boards that aim to blend speed and power with maneuverability, ease-of-pop and control. The speed and power comes from the fast, flat rockerlines with lots of width in the midsection and tail. A smooth tail adds to the speed without sacrificing the snappiness that makes a thick tail volume ting in the maneuverability, the ease-of-pop and the forgiveness to finish moves. With the unique heel gutters shaped into the deck, your feet wrap around a curved, ergonomic curve for total comfort and total control. Fast, fun, forgivable, the World’s most advanced and lightweight freestyle boards.

ProKids Flare 72 and 60
Two new freestyle boards for riders weighing 50kg or less, scaled to fit the smaller riders: smaller strap stances, lighter construction.

Construction
WoodCarbon: wood bottom, carbon deck. The lightest, stiffest option.
Wood: Wood skin both deck and bottom. Extra light, rigid and comfortable.
ProKids Flares: glass/PVC sandwich construction

Fish scale pad grooving – unidirectional traction. Grips when you need them to, then helps to release when you wipeout.

New Deluxe straps by Drake – includes innovative strap size adjustment indicators.

Heel gutters – exaggerate the deck dome effect for more comfort and grip. “The Flare is the best board in this group for general blasting around and bump and jump. It feels very light and stiff underfoot, the domed deck is unique and absolutely brilliant. It makes life so much more comfortable on your back foot than any of the other boards in this group and makes the board great fun for popping jumps and forwards etc without the pain associated with flat decks.” Boardseeker magazine www.boardseeker.com

Double screws for the back footstrap – for extra strength

Fast rockerlines and thinner shapes for a lower CG – maximum aerial control and increased responsiveness. “The Starboard shines as a freestyle board that can also be fun in small waves and bump and jump conditions. There is no doubting the board is fast. It is not only fast but also extremely controllable at speed.” Boardseeker magazine www.boardseeker.com

Increased tail volume – for more float and tolerance in reverse moves

Drake Crossover CNC 510 fins – designed by Curtis Hesselgrave

New Fish yellow touches

The Flare is the best board in this group for general blasting around and bump and jump. It feels very light and stiff underfoot, the domed deck is unique and absolutely brilliant. It makes life so much more comfortable on your back foot than any of the other boards in this group and makes the board great fun for popping jumps and forwards etc without the pain associated with flat decks.” Boardseeker magazine www.boardseeker.com
Starboard’s R&D process starts with ideas. Ideas for new shapes, new designs, new technologies, new materials, new accessories. Most of these ideas come from windsurfing. Our Dream Team riders and our R&D team log thousands of hours of water time. This gradually yields a stream of ideas that are turned into physical reality in our workshop prototyping facility.

Other ideas come from a theoretical approach. We provide a different approach to the common trial-and-error basis and become a very strong advantage when designing boards such as the iSonics, the Formula or the Futura.

There are also many ideas that come from the market at large through our network of shops and distributors. Design trends and magazine articles keep us informed. We also listen to our riders and try to anticipate what they might want in the future.

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

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

Next, the factory line creates a mould and presses the first board that is finished and inspected by the R&D team and the graphics team. Sample boards are sent to riders for durability testing and others are bench-tested destructively. These quality control steps are the pivot point in the life of a board.

The teams verify the accuracy of the shape, the quality and conformity of all fittings and set the benchmark for production. After a number of iterations, the perfect board that meets all criteria is signed off, signaling the start of the production run.

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

HOW ARE STARBOARD BOARDS DEVELOPED?
HD mast impact protectors: Triple mast construction masts absorb structure spreads the load, high density EVA beneath it disperses energy and the soft low density EVA underneath absorbs the load. The soft construction allows the HD nose protector to fit a variety of nose shapes and the lightweight design preserves maximum board performance.

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

“Tiki, he was both God and Chief. It was Tiki who brought my ancestors to these islands on which we live. He mastered the wind and the waves through bravery, creativity and strength,***

Tutus, the last native that had tasted Long Pig(man), reciting an old folk tale by the crackling evening fire.
ATTENTION TO DETAIL

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

New Sponge pads: super comfortable high-grade pads with a sponge at the front to exaggerate the deck dome for maximum grip and confidence.

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

7x32mm Footstrap Screws: new extra-wide footstrap screws for increased strength—never strip or rip out.

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

One screw fits all: High impact, tuttle boxes, Slot box, US box, footstraps: a single screw driver fits them all. Simple.

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

Heal bumpers: Cushions heal impacts. Featured in the Quad IQ, Evo IQ, the Kode 68, 74 and 80.

One screw fits all: High impact, tuttle boxes, Slot box, US box, footstraps: a single screw driver fits them all. Simple.

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**TECHNOLOGY**

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

Advantages: Lightest weight, stiffest flex, quickest response.

Availability: Gionic, Phantom Racer

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

Advantages: Lightest weight, stiffest flex, quickest response.

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

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**TECHNORA™**
A lightweight, stiff and crisp construction providing the highest performance value. Technora™ is a special type of high tenacity Aramid fiber with remarkably high tensile strength, high toughness, and high impact resistance qualities. Technora™ reinforces together with Kevlar® Carbon and Wood laminates strengthening the skin, nose, and heel areas. Wave Technora™ boards are built with cross-linked PVC sandwich skins and a 14g/l EPS internal core. Freeride Technora™ replaces the PVC sandwich core with natural Australian plantation pine wood. The pine wood sheet is 0.4mm thick and covers the entire deck and bottom of the board. Sandwiched between board layers of glass fibres, the wood/glass skin forms a stiff and impact-resistant outer shell. This results in a high performance board that is light, stiff and crisp to ride, and assembled through a more environmentally friendly construction process.

Advantages: Light weight, stiff flex, quick response

Availability: Kode, Evo IQ, Curve, Futura

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**WOOD TECHNOLOGY**
Developed with Jean Louis Colinas in 1984, Wood Technology became Starboard's trademark construction since 1995. Starboard's Wood boards then set the lead in lightweight sandwich technology, weighting in at a kilo under the competition, yet with higher impact resistance.

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

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

Availability: Quadrant, Evo IQ, Kode, Flare, Curve, Gionic, Formula, Atom

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**TUF SKIN**
Maximum durability and value. Tufskin technology uses layers of 3-dimensional 400g carbon mat wetted out with an expanding epoxy resin system that creates volume within the skin so it curves under pressure. This creates a thick, stiff, and durable sandwich laminate. A half-deck wood layer improves rigidity and deck impact resistance in the Tufskin-AST models. An ASA skin wraps the board to improve the scratch and impact resistance of the Tufskin-ASA models.

Advantages: Tough construction, more value, most durable

Availability (Tufskin AST): Curve, Super, Kode Tufskin, Formula, GO, Gamma MB

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

Advantages: Light, safe, comfortable, low maintenance

Availability: Super

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**ARMOUR TECH**
(Starboard’s) super durable and super tough technology designed for venturing clubs and competitions. According to testing by German SURF magazine in May 2009, Armour Tech is lighter and stronger than blow-molded polyethylene boards like Hify boards and also has higher impact resistance.

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

Availability: Go

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

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**PROTECT FILM**
Starboard’s new protective film. After several years of sunlight exposure, the exposed wood area of the deck still looks lovely. New ProTECT film: more durability and a longer lasting wood finish.

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**NEW! NEW!**
Technology boards come with a ProTECT film: more durability and a longer lasting wood finish.
<table>
<thead>
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<th>Model</th>
<th>Carve</th>
<th>Wood/Carbon</th>
<th>Technology</th>
<th>Table/EFF</th>
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**Recommended Surf Conditions**:
- Small (1-2 ft)
- Moderate (2-4 ft)
- Large (4-8 ft)

**Technology Options**:
- SurfTech Formula
- Quad Tech Formula
- FT tech Formula 1.0

**Wood/Carbon Options**:
- Wood/Carbon 1.0
- Wood/Carbon 2.0
- Wood/Carbon 3.0

**SurfTech Formula**
- SurfTech Formula 1.0
- SurfTech Formula 2.0
- SurfTech Formula 3.0

**Quad Tech Formula**
- Quad Tech Formula 1.0
- Quad Tech Formula 2.0
- Quad Tech Formula 3.0

**FT Tech Formula 1.0**
- FT Tech Formula 1.0
- FT Tech Formula 2.0
- FT Tech Formula 3.0

**SurfTech Formula Options**
- SurfTech Formula 1.0 Options
- SurfTech Formula 2.0 Options
- SurfTech Formula 3.0 Options

**Quad Tech Formula Options**
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- Quad Tech Formula 2.0 Options
- Quad Tech Formula 3.0 Options

**FT Tech Formula 1.0 Options**
- FT Tech Formula 1.0 Options
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- FT Tech Formula 3.0 Options