



DREAM TEAM
PHILIP KOSTER
2011 FWA WAVE CHAMPION

2013

PRODUCT GUIDE

INNOVATION QUALITY
STARBOARD



GROUP 1 May 2012 (with special preview orders April 2012)

Black Box
Quad
NuEvo
Kode
Flare

Website release: July 16th 2012

GROUP 2 First shipments: July 2012

Futura
iSonic
iSonic Speed Specials

Website release: August 20th 2012

GROUP 3 First shipments: September 2012

Carve
GO / GO Windsurfer
UltraSonic
Kode Tufskin
WindSUP
WindSUP Inflatable
WindSUP Sail Package
Rio / Rio XL
Start
Gemini
Phantom
Formula
Sails and sail components

First shipments: September 2012
Website release: October 15th 2012



Black Box Wave

- The unique light wind / mushy waves toy
- Makes wave riding fun when some wouldn't even consider going out

87

Carbon, Wood



Quad Wave

- The rail-driven power wave board
- The most connected feel with the wave that you can get

70, 74, 77, 82, 87, 92, 100

Carbon, Wood



NuEvo Wave

- The effortless and efficient surfer
- The closest to a true surf board in design, performance and feel

73, 80, 93

Carbon, Wood



Kode Wave

- Philip Koster's new generation, aerial-style wave boards
- Fast, speedy and powerful. Mixes new-school rotational and aerial wave-riding style for places like Tenerife, Gran Canaria, Denmark and Sylt.

72, 77, 82, 87

Carbon, Wood, Technora



THIS IS ALL YOU
NEED TO KNOW
ABOUT OUR NEW
WAVE & FREESTYLE
RANGE



Kode Freestyle Wave

- The sharp, aggressive, fast and responsive wave-freestyle board
- Highly recommended, Test Favourite, Best in Test, Tester's Choice – it's consistently winning tests

86, 94, 103

Carbon, Wood, Technora



Flare Freestyle

- The World's most highly-rated freestyle board, designed by the World's best freestyle team
- Perfectly sized, fast, aggressive yet comfortable and forgiving – it's perfectly balanced.

60, 72, 91, 101, 111, 116

Carbon



Philip Koster

PWA Wave Champion 2011
The youngest champion at 17 yrs.

INNOVATION QUALITY
STARBOARD



Futura Freerace

- The most innovative freerace board
- Extra slim, deep deck concaves, mini-wingers and packed full of iSonic technology, it's the most advanced freerace board

93, 101, 111, 121, 131, 141

Carbon, Wood



iSonic Slalom

- The pure slalom board
- The icon of modern slalom – it has redefined the genre and continues to dominate PWA's slalom races.

80, 87, 90, 97, 107, 110, 117, 127, 137

Carbon, Wood



iSonic Speed Specials

- The speed needle
- Designed by Bjorn Dunkerbeck Carlos Sosa and Remi Villa for the W58, it's the culmination of a 25 year R&D journey

W44, W49, W54, W58

Carbon



IF YOU WANT TO
GO FAST, THIS IS
WHAT YOU NEED!



BJORN DUNKERBECK

2011 PWA Slalom Overall Champion

Starboard
Bjorn Dunkerbeck
Dunkerbeck-Eysson

INNOVATION. QUALITY.
STARBOARD



Kode Freemove

- The maneuverable, aggressive and responsive freeride board
- Loves to carve, jump and ride fast.

113, 123

Carbon, Wood, Technora



Carve Freeride

- The plug and play freeride board
- Reached an unprecedented 79/80 and 78/80 score Windsurf Journal's Freeride Group Test

111, 121, 131, 141, 151, 161

Carbon, Wood, Tufskin AST



Ultrasonic Freerace

- The super-efficient, early planing slalom board
- Ultra planing starts in just 7 knots

147

Carbon, Wood



GO Freeride

- The original Progressive all-round board
- All new shapes are wider and slimmer for more stability and a wider wind range

111, 121, 131, 141, 151, 161

Tufskin EVA



WindSUP Leisure

- The board for SUPing and windsurfing: WindSUP!
- The fastest growing category of windsurfing

8'10, 9', 10', 12', 12'6

Tufskin EVA



WindSUP Inflatable Leisure

- The inflatable WindSUP
- Lighter, stronger and more compact than conventional boards

10' x 34", 11'2 x 32", 11'2 x 39",
12' x 34", 12'6 x 30" Touring

Inflatable with centre fin
Inflatable with daggerboard



Kode Tufskin Entry/Freeride

- The dual concept board
- An entry level board for kids and a fun freeride blaster for adults in one board

113, 123, 137

Tufskin EVA



Rio Entry

- The entry-level and progressive board
- Easy to learn, glides fast and gets you to learn the planing stages easily

S, M, L:
Tufskin EVA, Tufskin Armourtech
Tufskin Sport

XL:
Tufskin Armourtech



Start Entry

- The most stable entry-level board
- The World's easiest board to start windsurfing on

M, L:
Tufskin EVA Red, Tufskin EVA Blue



Gemini Tandem

- The wide-style tandem board
- The most fun and social board ever made. Ideal for clubs, schools and centres

Tufskin Sport



Phantom Raceboard

- The most advanced and most successful raceboards
- 8 of the Top 10 raceboards are Starboards, including 1st

377, 295

Carbon, Tufskin AST



Formula Course Racing

- The ultra high-tech course racing boards
- The boards with the earliest planing capabilities and the widest wind range

167, 167 Wide, 161 Experience
One Design

Carbon, Tufskin AST





Starboard

Den Chat

STARBOARD



Black Box
Carbon

Black Box
Wood

Black Box Description

The BlackBox is not a wave board for all conditions. The BlackBox is not about top speed. The BlackBox is not about jumping. The BlackBox is the board that excels in small, mushy waves and light winds. Many boards are marketed for real-world conditions and real-world sailors. Dany 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.



Black Box's position in the range

The BlackBox places itself outside of Starboard's core wave range as it's nothing like the Quads, NuEvos or the Kodes. It steps beyond the boundaries of modern wave board design by being a unique light wind/mushy waves toy.

The short length proffers maneuverability. The width and trailer fin generate speed and drive on the wave. The tail Vee and the out-centered fins allow for easy, forgiving turns. The board feels loose, with a lot of buoyancy. All these features come together to make the best performing light wind wave board.

- The light wind/mushy waves toy
- Wave speed comes from the board, not the sail
- Makes wave riding fun when some wouldn't even consider going out

Black Box

| | |
|--------------------------------------|---------------|
| Power Wave Riding | ★ ★ ★ ★ ★ |
| Versatile Wave Riding | ★ ★ ★ ★ ★ |
| Surf-style Wave Riding | ★ ★ ★ ★ ★ |
| Performance in epic conditions | ★ ★ ★ ★ ★ |
| Performance in real-world conditions | ★ ★ ★ ★ ★ ★ ★ |
| Freestyle | ★ ★ ★ ★ ★ |
| Freeride | ★ ★ ★ ★ ★ |

Quad

| | |
|--------------------------------------|-----------|
| Power Wave Riding | ★ ★ ★ ★ ★ |
| Versatile Wave Riding | ★ ★ ★ ★ ★ |
| Surf-style Wave Riding | ★ ★ ★ ★ ★ |
| Performance in epic conditions | ★ ★ ★ ★ ★ |
| Performance in real-world conditions | ★ ★ ★ ★ ★ |
| Freestyle | ★ ★ ★ ★ ★ |
| Freeride | ★ ★ ★ ★ ★ |

NuEvo

| | |
|--------------------------------------|---------------|
| Power Wave Riding | ★ ★ ★ ★ ★ |
| Versatile Wave Riding | ★ ★ ★ ★ ★ |
| Surf-style Wave Riding | ★ ★ ★ ★ ★ ★ ★ |
| Performance in epic conditions | ★ ★ ★ ★ ★ |
| Performance in real-world conditions | ★ ★ ★ ★ ★ ★ ★ |
| Freestyle | ★ ★ ★ ★ ★ |
| Freeride | ★ ★ ★ ★ ★ |

Kode Wave

| | |
|--------------------------------------|---------------|
| Power Wave Riding | ★ ★ ★ ★ ★ |
| Versatile Wave Riding | ★ ★ ★ ★ ★ |
| Surf-style Wave Riding | ★ ★ ★ ★ ★ |
| Performance in epic conditions | ★ ★ ★ ★ ★ |
| Performance in real-world conditions | ★ ★ ★ ★ ★ ★ ★ |
| Freestyle | ★ ★ ★ ★ ★ |
| Freeride | ★ ★ ★ ★ ★ |

Kode Freestyle Wave

| | |
|--------------------------------------|---------------|
| Power Wave Riding | ★ ★ ★ ★ ★ |
| Versatile Wave Riding | ★ ★ ★ ★ ★ |
| Surf-style Wave Riding | ★ ★ ★ ★ ★ |
| Performance in epic conditions | ★ ★ ★ ★ ★ |
| Performance in real-world conditions | ★ ★ ★ ★ ★ ★ ★ |
| Freestyle | ★ ★ ★ ★ ★ ★ ★ |
| Freeride | ★ ★ ★ ★ ★ ★ ★ |

Flare

| | |
|--------------------------------------|---------------|
| Power Wave Riding | ★ ★ ★ ★ ★ |
| Versatile Wave Riding | ★ ★ ★ ★ ★ |
| Surf-style Wave Riding | ★ ★ ★ ★ ★ |
| Performance in epic conditions | ★ ★ ★ ★ ★ |
| Performance in real-world conditions | ★ ★ ★ ★ ★ |
| Freestyle | ★ ★ ★ ★ ★ ★ ★ |
| Freeride | ★ ★ ★ ★ ★ |



The Message

"THE LIGHT WIND REVOLUTION"

The BlackBox transcends in light wind and mushy waves. The board, and not the sail, generates speed on the wave and allows to string together multiple turns.

The BlackBox is all about wave riding in light winds. It was specifically designed for this and that's exactly where it performs. Dany Bruch's board fits all riders and abilities: beginners can discover the joys of wave riding in easy conditions while intermediate sailors will improve their technique and more advanced riders will make the most out of this magic board allowing them to perform in less than perfect conditions.

What's new?

The BlackBox is not your regular wave board. It is very short at 215cm with a lot of width in the tail that carries through to the nose. The sharper rails help generate speed while the rocker provides maneuverability. These characteristics allow the board to quickly accelerate on the smallest and mushiest waves. This self-generated speed combined with the very short length will let the rider link together more turns with more speed when the conditions would normally only allow for one, if any.

The BlackBox comes in a tri-fin configuration with twin fins spaced wide apart for easy turns and a trailer fin for drive and stability.

Additional Information

"It's fast as a rocket and in small waves it's a toy!! I am loving it...used it again one day on 5.6...in really, really shitty conditions...nobody could do anything and I was flying around playing full on with the tiny waves."

"The board is working incredible good in shitty conditions...I have sailed it yesterday for 4 hours powered up and today another 2 hours on 5.6 totally underpowered...planing a bit at the beginning and non planing at the end...but riding shitty waves full speed...the board, as soon it gets a bit of acceleration of the wave it starts to get loose and it maintains speed all the time...a few people have tried it now and they flipped with it too...Adam Lewis from the OTC came of the water and just said that he had never used a board like that...he was not planing at all, as the wind died, but as he said...on the wave, with no power on the sail he could just surf...he will send me some words over ASAP for you to read...he loved it...he said he wished to have that board at the UK comp last week.. as it was bad onshore crap...;-) anyway...I have put together some footage of today...just some clips so you can have a look at what I am talking about...attached is the clip in very, very low res...I will invite you now to the link for drop box to download in higher quality..."

"I want to give the board these days to more people and will film them...I want guys with different weight to try it...to see if they all can move it same easy as me...you can't imagine how many mates on the beach are desperate to give it a go...;-) it causes a lot of attention... Do you actually know how many liters it got? I calculate around 85/90...but I got nothing written on the sticker..."

Excerpts from Dany Bruch's emails

"I was totally blown away, for me it has transformed how I would look at sailing 12-20 knot cross to onshore conditions where normally you wouldn't be able to enjoy wave-sailing. It did take a little getting used to sailing off the plane and didn't track upwind as well off the plane as a longer board. I had barely enough wind to get out or even move around. Once on the wave the board picked up speed incredible well, once up to speed it never lost it! I never used a board that just didn't slow down in float and ride conditions here. A few waves I had absolutely no power in the sail and the board just kept speed, you could almost ignore the sail and just surf. In my mind it really closed the gap between surfing and windsurfing. I was also surprised that such a wide board would respond so well to front foot pressure, you could really lay the sail down and commit to a turn even in light winds or fatter, flatter wave face you still could throw the tail around and the width and chunky nose just kept you moving with the wave.

Genuinely the most fun board I've used in a while, made me excited to sail in conditions I wouldn't even normally consider sailing in.

Adam Lewis, OTC



Key Features

Extra-compact for maneuverability and thickness for floatability.

Completely different and modern graphics setting it apart from the rest of the Starboard range.

Mono concave feeding into flat double concave in the standing area for lift, quick accelerations and speed on the wave. Vee in the tail for a responsive feel when engaging the rails.

Extra-light Slot Boxes fitting out-centered MB Twinzer fins for easy rail-to-rail transfers and a trailer fin for tracking and drive.

Extra-wide square tail provides buoyancy and speed to make the most out of small mushy waves and light wind conditions.



Availability

Wood, Carbon

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Carbon)(kg) | Weight (Wood) (kg) | Sail Range (m ²) | Fin | Fin box |
|---------------|------------------|-----------------|-------------|------------|-----------------|---------------------|--------------------|------------------------------|--------------------------------------|--------------------------|
| 1023140301001 | Black Box Carbon | 87 | 215 | 62 | 43.2 | TBC | TBC | 5.0 - 6.0 | 2 x MB Twinzers 15.5 + 12 MB Twinzer | US Box + 2 x Slot Box 13 |
| 1023140101001 | Black Box Wood | | | | | | | | | |

*Wood, Technora and Carbon weights are subject to +5% tolerance. These weights are estimate figures. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.



QUAD

ALL
NEW
SHAPES

DRIVE, POWER AND PERFORMANCE
AND NOT JUST FOR THE BIG DAYS



INNOVATION QUALITY
STARBOARD



Quad
Carbon

Quad
Wood

Quad Description

The Quads are Starboard's wave boards. They generate maximum speed and drive, bringing an awesome production of speed, flow and power to your sailing – and with the new 2013 shapes, they do so in all wave & wind combinations.

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.

All-new 2013 shape provides new levels of drive and control in a wider range of conditions along with a lively, controlled straight line planing sensation. Skip to the "What's new" section to find out more on the new shape.



Four fin setup



Quad's position in the range

The Quads sit beside the NuEvos and the Kode Wave to form Starboard's core wave range.

The Quads are more power-carving boards that produce more drive. These boards love to power up and down the wave face vertically, generating as much drive and acceleration as possible. They are most rewarding when pushed hard off the rails, so better suited to full-rail power-turns as opposed to a snappier/looser rail-to-rail feel of the NuEvos. The Quads are four-fin boards and the pads are single-layer 6mm pads with a soft bumper under the heels.

- The powerful rail-driven wave board
- Generates maximum speed and drive, bringing an awesome production of speed, flow and power
- New shape allows a wider range of conditions to benefit from Quad performance, even lightwind and onshore conditions

The NuEvos are the surfboard style waveboards that have a more flowing, surfing style. Top turns are especially tight. Bottom turns are effortless and efficient. Rail-to-rail transitions are smooth and flowing. The pads are specially designed for comfort, using a double-layered pad design with a low-density, soft inside-layer. The twin fin set up gives it traction and grip in the turns while still allowing for release. The toed-in angles of the fins make the board more responsive to rider input and give the board a real surfboard feel.

The Kode Waves are faster, more aerial 'next-generation' style wave boards. The Kode Waves are for wave riders who like to blend tweaked aerals and takas with wave-carving. Their speed and acceleration also make them the most ideal for big airs and double loops. They are twin fin boards that also offer a single fin option to turn them into a fast high-wind blaster with more traditional single-fin handling characteristics. The pads are single layer 10mm thick without bumpers.

| Quad | NuEvo | Kode Wave |
|--|--|---|
| Power Wave Riding ★★★★★ | Power Wave Riding ★★☆☆☆ | Power Wave Riding ★★★★★ |
| Versatile Wave Riding ★★★★★ | Versatile Wave Riding ★★★★★ | Versatile Wave Riding ★★★★★ |
| Surf-style Wave Riding ★★★★★ | Surf-style Wave Riding ★★★★★★ | Surf-style Wave Riding ★★☆☆☆ |
| Performance in epic conditions ★★★★★ | Performance in epic conditions ★★★★★ | Performance in epic conditions ★★★★★ |
| Performance in real-world conditions ★★★★★ | Performance in real-world conditions ★★★★★ | Performance in real-world conditions ★★★★★★ |
| Freestyle ★☆☆☆☆ | Freestyle ★★☆☆☆ | Freestyle ★★★★★ |
| Freeride ★★☆☆☆ | Freeride ★★☆☆☆ | Freeride ★★★★★ |

| Kode Freestyle Wave | Flare |
|--|--|
| Power Wave Riding ★★★★★ | Power Wave Riding ★☆☆☆☆ |
| Versatile Wave Riding ★★★★★ | Versatile Wave Riding ★☆☆☆☆ |
| Surf-style Wave Riding ★★★★★ | Surf-style Wave Riding ★☆☆☆☆ |
| Performance in epic conditions ★★★★★ | Performance in epic conditions ★☆☆☆☆ |
| Performance in real-world conditions ★★★★★ | Performance in real-world conditions ★☆☆☆☆ |
| Freestyle ★★★★★ | Freestyle ★★★★★★ |
| Freeride ★★★★★ | Freeride ★☆☆☆☆ |



The Message

DRIVE, POWER AND PERFORMANCE – AND NOT JUST FOR THE BIG DAYS

The most connected feel to the wave and generating maximum drive, the new Quads produce awesome speed, flow and power.

Everything about the Quad is about converting full-rail turns into an explosive flow of energy. With new mono-concave and square-tail shapes, the Quads can now generate this speed and power in every wind & wave condition. The lighter the wind, the more the Quad's power is noticeable. Even in small onshore conditions, the Quad's ability to generate speed out of a turn is unparalleled. In big side to side-offshore conditions, the Quads will generate an insane amount of drive, speed, flow and power.

What's new?

New performance levels: completely new shapes for 2013 across the entire range provide new levels of drive, control and release in all conditions along with a lively, controlled straight-line planing sensation.

Onshore 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 new mono-concave bottom shape for speed and lift whilst the wider squash-tail outline keeps the tail more buoyant, projecting more for a better release.

Lightwind conditions: in lightwind 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.

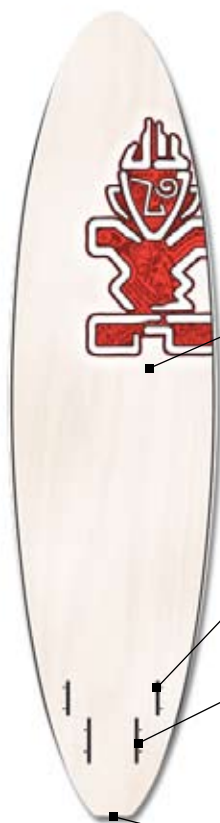
Epic, sideshore and big wave conditions: the remarkable thing is that the same board will handle most high conditions with equal ease. The Quads draw smooth clean lines, with the ability to shoot vertically at any time, all with a sense of absolute control.

Quad performance for all conditions: with their new shapes, the new Quads are the "go to" board for all conditions.

New fins: new Clear Blue Flex fins are supplied with the new Quads. These more flexible fins allow the board to have a more natural flow while remaining connected and in control at all times. A set of plugs are supplied with the board if the rider wishes to plug the front fin boxes for twin-fin mode.



Key Features



NEW

New mono-concave shapes improve the board's ability to generate speed and drive, even in onshore, lightwind and small wave conditions

In side to side-offshore and big wave conditions, the mono-concave shape generates more even drive and speed than before

Ultra-light Slot Boxes are used for minimal weight (plugs are also included with the board)

NEW

Four Clear Blue Flex fins are supplied as standard

NEW

New squashed square-tail shapes create extra buoyancy that give the new Quads more versatility in lightwinds, in slower waves and in onshore conditions, while improving projection off the lip

Availability

Wood, Carbon

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Carbon)(kg) | Weight (Wood) (kg) | Weight (Technora) (kg) | Sail Range (m ²) | Fin | Fin box |
|--------------------------------|----------------------------------|-----------------|-------------|------------|-----------------|---------------------|--------------------|------------------------|------------------------------|---|-----------------|
| 1018130401001 | Prokids Quad | 70 | 223 | 56.0 | 35.9 | | | 6.0 | 2.3-4.7 | 2 x Natural Wave 110 + 2 x Natural Wave 130 + Plugs | 4 x Slot Box 13 |
| 1002130301001 1002130101001 | Quad 70 Carbon Quad 70 Wood | 70 | 223 | 56 | 35.9 | 6.03 | 6.41 | | 2.3-4.7 | 2 x Natural Wave 110 + 2 x Natural Wave 130 + Plugs | 4 x Slot Box 13 |
| 1002130301002 1002130101002 | Quad 74 Carbon Quad 74 Wood | 74 | 227 | 57.5 | 36.8 | 6.26 | 6.51 | | 3.0-5.0 | 2 x Natural Wave 110 + 2 x Natural Wave 130 + Plugs | 4 x Slot Box 13 |
| 1002130301003 1002130101003 | Quad 77 Carbon Quad 77 Wood | 77 | 228 | 58 | 36.6 | 6.32 | 6.70 | | 3.5-5.5 | 2 x Natural Wave 110 + 2 x Natural Wave 130 + Plugs | 4 x Slot Box 13 |
| 1002130301004 1002130201004 | Quad 82 Carbon Quad 82 Wood | 82 | 229 | 58.5 | 37.3 | 6.44 | 6.66 | | 4.0-6.0 | 2 x Natural Wave 110 + 2 x Natural Wave 130 + Plugs | 4 x Slot Box 13 |
| 1002130301005 1002130201005 | Quad 87 Carbon Quad 87 Wood | 87 | 230 | 59.5 | 38.2 | 6.55 | 7.09 | | 4.5-6.5 | 2 x Natural Wave 110 + 2 x Natural Wave 140 + Plugs | 4 x Slot Box 13 |
| 1002130301006 1002130201006 | Quad 92 Carbon Quad 92 Wood | 92 | 231 | 60.5 | 38.4 | 6.76 | 7.25 | | 4.7-6.7 | 2 x Natural Wave 110 + 2 x Natural Wave 140 + Plugs | 4 x Slot Box 13 |
| 1002130301007 1002130201007 | Quad 100 Carbon Quad 100 Wood | 100 | 231 | 60.5 | 38.2 | 6.90 | 7.1 | | 4.7-6.7 | 2 x Natural Wave 110 + 2 x Natural Wave 140 + Plugs | 4 x Slot Box 13 |

*Wood and Carbon weights are subject to +5% tolerance. These weights are estimate figures. Final weights are not available at time of print and will be updated on to the website.
Sail range and fin range are recommended indications.



**“NEW MONO-CONCAVE GENERATES
THE WORLD’S MOST POWERFUL
RAIL-DRIVEN TURNS”**

**“THE MOST CONNECTED
FEEL WITH THE WAVE”**

**“NEW SQUARE-TAIL SHAPE HAS THE
VERSATILITY FOR ALL CONDITIONS
– ONSHORE, SIDESHORE, BIG AND
SMALL WAVES”**



nuevo

NEW

THE HIGH PERFORMANCE SURFBOARD
STYLE WAVE BOARD



innovation in surfing
STARBOARD



NuEvo
Carbon

NuEvo
Wood

NuEvo Description

The NuEvo is a high performance surfboard style wave board. It excels in sideshore to side-onshore conditions, from knee to logo high waves. Its specialties are tight rail turns with excellent rail-to-rail transitions and extra-tight top turns. The NuEvos still have good capabilities in larger side-offshore wave conditions.

Jumping and aerals are helped by the hyper-compact outline, which reduces swing weight and the wider tail helps boosting off ramps.

The NuEvos are comfortable boards for general sailing with forward Vee and soft rails that dampen the effects of chop.



The NuEvos are pure twin fin boards.



NuEvo's position in the range

The NuEvos sit beside the Quads and the Kode Wave to form Starboard's core wave range.

The NuEvos are the surfboard style waveboards that have a more flowing, surfing style. Top turns are especially tight. Bottom turns are effortless and efficient. Rail-to-rail transitions are smooth and flowing. The pads are specially designed for comfort, using a double-layered pad design with a low-density, soft inside-layer. The twin fin set up gives it traction and grip in the turns while still allowing for release. The toed-in angles of the fins make the board more responsive to rider input and give the board a real surfboard feel.

- The surfboard style wave board with a real surfboard feel
- Excels in knee to logo high waves, sideshore to side-onshore
- Hyper-compact outline
- The tightest top turns and the most flowing rail-to-rail transitions

The Quads are more power-carving boards that produce more drive. These boards love to power up and down the wave face vertically, generating as much drive and acceleration as possible. They are most rewarding when pushed hard off the rails, so better suited to full-rail power-turns as opposed to a snappier/looser rail-to-rail feel of the NuEvos. The Quads are four-fin boards and the pads are single-layer 6mm pads with a soft bumper shaped in under the heels.

The Kode Waves are faster, more aerial 'next-generation' style wave boards. The Kode Waves are for wave riders who like to blend tweaked aerials and takas with wave-carving. Their speed and acceleration also make them the most ideal for big airs and double loops. They are twin fin boards that also offer a single fin option to turn them into a fast high-wind blaster with more traditional single-fin handling characteristics. The pads are single layer 10mm thick without bumpers.

| Quad | | NuEvo | | Kode Wave | |
|--------------------------------------|-------|--------------------------------------|-------|--------------------------------------|-------|
| Power Wave Riding | ★★★★★ | Power Wave Riding | ★★★☆☆ | Power Wave Riding | ★★★★★ |
| Versatile Wave Riding | ★★★★★ | Versatile Wave Riding | ★★★★★ | Versatile Wave Riding | ★★★★★ |
| Surf-style Wave Riding | ★★★★★ | Surf-style Wave Riding | ★★★★★ | Surf-style Wave Riding | ★★★★★ |
| Performance in epic conditions | ★★★★★ | Performance in epic conditions | ★★★★★ | Performance in epic conditions | ★★★★★ |
| Performance in real-world conditions | ★★★★★ | Performance in real-world conditions | ★★★★★ | Performance in real-world conditions | ★★★★★ |
| Freestyle | ★☆☆☆☆ | Freestyle | ★★★☆☆ | Freestyle | ★★★★★ |
| Freeride | ★★☆☆☆ | Freeride | ★★★☆☆ | Freeride | ★★★★★ |

| Kode Freestyle Wave | | Flare | |
|--------------------------------------|-------|--------------------------------------|-------|
| Power Wave Riding | ★★★★★ | Power Wave Riding | ★☆☆☆☆ |
| Versatile Wave Riding | ★★★★★ | Versatile Wave Riding | ★☆☆☆☆ |
| Surf-style Wave Riding | ★★★★★ | Surf-style Wave Riding | ★☆☆☆☆ |
| Performance in epic conditions | ★★★★★ | Performance in epic conditions | ★☆☆☆☆ |
| Performance in real-world conditions | ★★★★★ | Performance in real-world conditions | ★☆☆☆☆ |
| Freestyle | ★★★★★ | Freestyle | ★★★★★ |
| Freeride | ★★★★★ | Freeride | ★☆☆☆☆ |



The Message

THE HIGH PERFORMANCE SURFBOARD STYLE WAVE BOARD

Designed from the ground up to work, feel and flow like a surfboard. Soft rails, toed-in twin fins and hyper-compact outlines brings you the tightest top turns, the most effortless bottom turns and the most flowing rail-to-rail transitions.

NuEvo History

"The idea of the Nuevo (previously known as the Chopper) came about 4 years ago. There were a few ideas I felt were missing in the current crop of production boards. I started building some longer boards with wider tails and twin fins set close to the rails. These boards were working relatively well but still felt like they were missing something. I started thinking about what the extra length in the nose and tail was doing and I ended up cutting off the nose and tails and reshaping a board that I already had (hence the name Chopper). It ended up being a funny looking board but when I tested it, it was really good. It still had plenty of drive and felt looser and even more responsive to foot movement than before. I thought it was good so I gave it to Ben Severne to try out at Margaret River and he came back being stoked about how well the board went. I decided to make a few more and refined the shapes to fit the shorter lengths.

These boards were working really well now. We sailed the boards all over the place from Gnaraloo to Geraldton and even Indonesia. I started to give the boards to others to try and got some really good feedback.

Through this feedback we made changes. We've done a lot of testing and made a lot of alterations since then. Some of the changes we kept and some of them we changed back to where we started. A few hundred boards down the track I'm really happy with how the boards have evolved and how the boards are feeling now.

I've built the NuEvos/Chopper style boards in sizes from 60 to 120 litres, and I've been really lucky to have people of all abilities and sizes to test these boards and give me feedback. Now I'm looking forward to developing them even further and seeing where the evolution takes them."

James Hooper, NuEvo shaper and designer

Design and Performance

Rocker: Medium rocker is a comfortable balance between drive and release. Suits the largest range of conditions and riders. The entry rocker is high enough for reliable re-entry into steep sections or small, tight waves.

Wave size: Best performance in waves from 1 – 5 foot. (knee to logo high) and cross-onshore to sideshore winds.

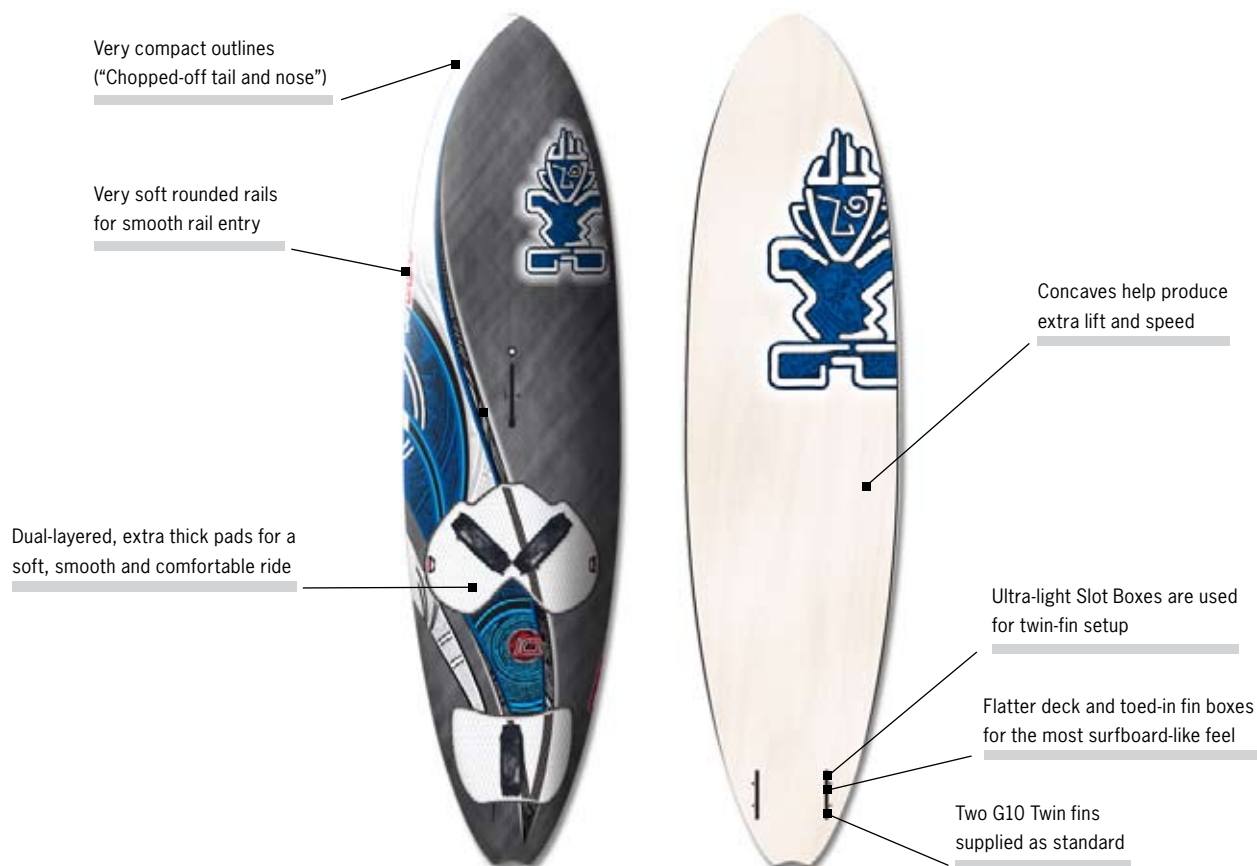
Fin type: Twin. Wide spaced fins emphasise the twin fin feel of the board and makes sure a fin is engaged even in the most on-rail turns. A slight toe in of the fins makes the board more responsive to rider input and gives the board a real surfboard feel.

Bottom shape: Flat through the nose section into V accelerating towards the tail.
Double concaves from just in front of the mast position, finishing just in front of the fins.

Rails: The Nuevo has a flat deck shape with progressive rails. The flat deck gives the feel of a thinner board while retaining the float of a thicker board. Rails forward of the mast track are a full rounded section to prevent tripping in chop. Tuck is maintained through the mid-section to provide grip through rail turns. There is a small amount of tuck through the tail section with a sharp edge for release.
The Nuevo's surfboard style rails give the board a lively and responsive feel.



Key Features



Availability

Wood, Carbon

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Carbon)(kg) | Weight (Wood) (kg) | Sail Range (m ²) | Fin | Fin Range | Fin box |
|--------------------------------|----------------------------------|-----------------|-------------|------------|-----------------|---------------------|--------------------|------------------------------|-------------------|-----------|-----------------|
| 1022130101003 1022130301003 | NuEvo 73 Wood NuEvo 73 Carbon | 73 | 221 | 55 | 35.7 | 5.68 | 5.68 | 3.0-5.0 | 2 x Twin Surf 145 | 14-16 | 2 x Slot Box 13 |
| 1022130101001 1022130301001 | NuEvo 80 Wood NuEvo 80 Carbon | 80 | 224 | 57 | 37 | 6.01 | 6.19 | 4.2-5.3 | 2 x Twin Surf 145 | 14-16 | 2 x Slot Box 13 |
| 1022130101002 1022130301002 | NuEvo 93 Wood NuEvo 93 Carbon | 93 | 227 | 59.5 | 38.6 | 6.56 | 6.92 | 4.7-6.0 | 2 x Twin Surf 165 | 15-17 | 2 x Slot Box 13 |

*Wood and Carbon weights are subject to +5% tolerance. These weights are estimate figures. Final weights are not available at time of print and will be updated on to the website.
Sail range and fin range are recommended indications.



**“A HIGH PERFORMANCE SURFBOARD
STYLE WAVE BOARD”**

**“EXCELS IN SIDESHORE TO
SIDE-ONSHORE KNEE TO LOGO HIGH
WAVES”**

**“SPECIALIZES IN SUPER-TIGHT RAIL
TURNS AND EXCELLENT, SMOOTH
RAIL-TO-RAIL TRANSITIONS”**



KODE

NEW

WAVE // FREESTYLE WAVE // FREEMOVE

THE PHILIP KOSTER GENERATION



INNOVATION SURFING
STARBOARD



**Kode
Wave**
Carbon

**Kode
Freestyle Wave**
Carbon

**Kode
Freemove**
Carbon

Kode Description

The Kode Waves are Philip Koster's fast, aerial style 'next-generation' signature wave boards. The Kode Waves are for riders who like to blend aeriels and takas with powerful wave-carving. Their straight-line speed and acceleration also make them the most ideal for big airs and double combination loops.



The Kode Waves are twin fin boards that additionally offer a single fin option to turn them into a fast high-wind blaster with more traditional single-fin handling characteristics.

The Kode Freestyle Waves are Starboard's wave freestyle boards. The Kode Freestyle Waves' nature is to be aggressive, fast and maneuverable, with a balanced blend between wave, freestyle and freeride.



The Kode Freestyle Waves are exclusively single fin boards.

The Kode Freemove are maneuverable, aggressive freeriders available in 113 and 123 litres. The new 2013 shapes have new rails that come from the Flares. These new rails have less tuck under for harder edges: you get more acceleration and quicker planing. With reduced volume above the apex, they bite hard and feel very aggressive, giving the rider a very sharp, precise and exciting sensation when maneuvering the board. The volume behind the back foot has also been increased following the influence of the Flares: this gives the board more float when accelerating on to the plane and coming out of jibes. Both models have been shortened down to make them yet more maneuverable, more responsive and feel lighter. New 5mm sponge pads for perfect comfort and slightly longer cut-aways for extra speed complete the upgrade.



Kode's position in the range

Because a Kode's application changes with its size, we need to separate the Kode range into sub-categories to make a comparison with the rest of Starboard's range effective; hence the name Kode Wave, Kode Freestyle Wave and Kode Freemove.

The Kodes Waves sit between Starboard's wave boards (NuEvos and Quads) and Starboard's freestyle boards, (Flares).

Kode Wave (72, 77, 82, 87): compared to the Quads and NuEvos, they are faster, quicker to accelerate and more adapted to the new generation of aerial wave riding. Their speed and power make them ideal for big jumps and double loops. They are designed for both real world conditions like Sylt, Denmark and Tenerife, as well as extreme conditions like Maui, Western Australia and Gran Canaria. They are twin fin boards that additionally offer a single fin option to turn them into a fast high-wind blaster with more traditional single-fin handling characteristics. Quads are more rail-driven power carvers with a more connected feel to the wave. NuEvos have a more flowing, surfing style with tighter top turns and smoother rail-to-rail transitions.

Kode Freestyle Wave (86, 94, 103): these middle sizes can be compared to the Flares. Like the Flares, they are excellent freestylers, although not quite as extreme or compact. However, they are more comfortable, they wave-ride better and offer freeride strap positions.

Kode Freemove (113 and 123): these can be compared to the Carves or Futuras. In comparison, the Kode Freemoves are much more maneuverable and feel more aggressive. They beg the rider to carve hard, jump and surf the swell.

- The range that blends wave, freestyle and freeride.
- 72, 77, 82, 87: Philip Koster's fast, aerial style 'next-generation' signature wave boards. Ideal for big airs and double loops in all conditions
- 86, 94, 103: perfectly balanced blend between wave, freestyle and freeride
- 113, 123: aggressive, maneuverable freeriders

Quad

| | |
|--------------------------------------|-------|
| Power Wave Riding | ★★★★★ |
| Versatile Wave Riding | ★★★★★ |
| Surf-style Wave Riding | ★★★★★ |
| Performance in epic conditions | ★★★★★ |
| Performance in real-world conditions | ★★★★★ |
| Freestyle | ★☆☆☆☆ |
| Freeride | ★★☆☆☆ |

NuEvo

| | |
|--------------------------------------|-------|
| Power Wave Riding | ★★★★★ |
| Versatile Wave Riding | ★★★★★ |
| Surf-style Wave Riding | ★★★★★ |
| Performance in epic conditions | ★★★★★ |
| Performance in real-world conditions | ★★★★★ |
| Freestyle | ★★☆☆☆ |
| Freeride | ★★☆☆☆ |

Kode Wave

| | |
|--------------------------------------|-------|
| Power Wave Riding | ★★★★★ |
| Versatile Wave Riding | ★★★★★ |
| Surf-style Wave Riding | ★★★★★ |
| Performance in epic conditions | ★★★★★ |
| Performance in real-world conditions | ★★★★★ |
| Freestyle | ★★★★★ |
| Freeride | ★★★★★ |

Kode Freestyle Wave

| | |
|--------------------------------------|-------|
| Power Wave Riding | ★★★★★ |
| Versatile Wave Riding | ★★★★★ |
| Surf-style Wave Riding | ★★★★★ |
| Performance in epic conditions | ★★★★★ |
| Performance in real-world conditions | ★★★★★ |
| Freestyle | ★★★★★ |
| Freeride | ★★★★★ |

Flare

| | |
|--------------------------------------|-------|
| Power Wave Riding | ★☆☆☆☆ |
| Versatile Wave Riding | ★☆☆☆☆ |
| Surf-style Wave Riding | ★☆☆☆☆ |
| Performance in epic conditions | ★☆☆☆☆ |
| Performance in real-world conditions | ★☆☆☆☆ |
| Freestyle | ★★★★★ |
| Freeride | ★☆☆☆☆ |



The Message

THE PHILIP KOSTER GENERATION

Aggressive, fast, aerial machines. Wave or Wave Freestyle, it's up to you. Designed for real world conditions like Sylt, Denmark and Tenerife as well as the epic conditions of Maui, Western Australia and Gran Canaria.

Kode Wave (72, 77, 82, 87): faster, quicker to accelerate and adapted to the new generation of aerial wave riding. Their speed and power make them ideal for big jumps and double combination loops. These twin fin boards additionally offer a single fin option to turn them into a fast high-wind blaster with more traditional single-fin handling characteristics.

Kode Freestyle Wave (86, 94, 103): the balanced blend between wave, freestyle and freeride. The 86 maintains a strong wave emphasis while the 94 and 103 are the best freestylers and high-wind freeriders.

New Kode Freemove (113, 123): the aggressive and maneuverable freeriders that love to carve hard, catch air and surf the swell.

Key Features

Kode Wave

10mm, single layer pads without bumpers provide a direct, responsive feel while still giving enough cushioning effect from big jumps.

Mono-concave in the tail section provides drive and power.

Square tail shape adds some extra tail area to maintain buoyancy and increases the board's versatility in softer waves. It also improves the board's performance in reverse moves.

Forward Vee provide a quicker, more responsive feel when engaging the rail into the turn.

Vertical squarer twin fins (design by MB Fins) generates a compact power delivery that allows the rider to release and control the tail off the top

Single fin option is available. Fit a larger single wave fin and plug in the twin fin boxes to get more straight line traction and classic riding characteristics.

Flatter tail section keeps the planing area more efficient, for quicker acceleration and faster top speeds.



Kode Freestyle Wave

To generate the aggressive bite: the rails are shaped thin between the front strap and the nose.

The decks are ergonomically domed and fitted with Starboard's contoured Sponge Pads.

For comfort and general user-friendliness: the rails are thicker and voluminous under your back foot.

The overall shapes are extra short, improving high-wind control. The more compact nose, which reduces swing-weight, gives greater responsiveness in freestyle, jumping and jibing.

To generate the speed: fast rocker-line curves define the central spine of the bottom shape. That's the part you use when riding in a straight line.

To generate the maneuverability: the spiraling vee bottom shape exaggerates the curvature along the edges of the board. That's the part you engage as you carve the board.

The harder release edge in the tail gives a sharper acceleration on to the plane and in the gusts. Top speed also increases a fraction.

MFC Freewave fin

Kode Freemove

Short compact outlines for maximum maneuverability and responsiveness. For 2013, they are shorter yet again.

New pads include a 5mm sponge layer for improved comfort and control.

New rails come from the Free-style Flares: fast, hard rails for quick planing and acceleration. The reduced thickness above the apex accentuate the bite and grip when carving.

New increased tail thickness adds to the tails ability to float out of turns and help to pop the board on to the plane.

New cut aways are slightly longer for improved fin tracking and increased top end speed.



Availability

Technora™, Wood, Carbon

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Carbon) (kg) | Weight (Wood) (kg) | Weight (Technora™) (kg) | Sail Range (m ²) | Fin | Fin Range (cm) | Fin box |
|---|---|-----------------|-------------|------------|-----------------|----------------------|--------------------|-------------------------|------------------------------|--------------------------|----------------|-------------|
| 1004130301001 1004130101001 1004130401001 | Kode Wave 72 Carbon Kode Wave 72 Wood Kode Wave 72 Technora™ | 72 | 223 | 55.5 | 35.9 | 6.17 | 6.49 | 6.82 | 3.0-5.0 | MB Twinzer 16 + Plugs | 15-17 | Slot Box 13 |
| 1004130301002 1004130101002 1004130401002 | Kode Wave 77 Carbon Kode Wave 77 Wood Kode Wave 77 Technora™ | 77 | 227 | 58 | 37.1 | 6.48 | 6.70 | 7.07 | 3.3-5.3 | MB Twinzer 16.5 + Plugs | 15.5-17.5 | Slot Box 13 |
| 1004130301003 1004130101003 1004130401003 | Kode Wave 82 Carbon Kode Wave 82 Wood Kode Wave 82 Technora™ | 82 | 233 | 58.5 | 36.7 | 6.70 | 6.93 | 7.11 | 3.5-5.5 | MB Twinzer 16.5 + Plugs | 15.5-17.5 | Slot Box 13 |
| 1004130301004 1004130101004 1004130401004 | Kode Wave 87 Carbon Kode Wave 87 Wood Kode Wave 87 Technora™ | 87 | 234 | 61 | 37.9 | 6.85 | 6.89 | 7.36 | 4.0-6.0 | MB Twinzer 17 + Plugs | 16-18 | Slot Box 13 |
| 1004130301001 1004130101001 1004130401001 | Kode Freestyle Wave 86 Carbon Kode Freestyle Wave 86 Wood Kode Freestyle Wave 86 Technora™ | 86 | 234 | 59 | 38.4 | 6.12 | 6.32 | 6.46 | 4.0-6.0 | Drake Freewave 26 | 14-26 | US 8" |
| 1004130301002 1004130101002 1004130401002 | Kode Freestyle Wave 94 Carbon Kode Freestyle Wave 94 Wood Kode Freestyle Wave 94 Technora™ | 94 | 234 | 61 | 38.6 | 6.29 | 6.40 | 6.64 | 4.5-6.5 | Drake Freewave 28 | 14-33 | US 8" |
| 1004130301003 1004130101003 1004130401003 | Kode Freestyle Wave 103 Carbon Kode Freestyle Wave 103 Wood Kode Freestyle Wave 103 Technora™ | 103 | 234 | 64.5 | 41.8 | 6.64 | 6.74 | 7.02 | 5.0-7.0 | Drake Freewave 30 | 14-34 | US 8" |
| 1004130301008 1004130111008 1004130411008 | Kode Freemove 113 Carbon Kode Freemove 113 Wood Kode Freemove 113 Technora™ | 113 | 231 | 67.5 | 44.1 | 6.5 | 6.7 | 9.3 | TBC | Drake Freeride Glide 380 | 26-40 | Tuttle |
| 1004130301009 1004130111009 1004130411009 | Kode Freemove 123 Carbon Kode Freemove 123 Wood Kode Freemove 123 Technora™ | 123 | 235 | 71.5 | 46.3 | 6.7 | 6.9 | 9.7 | TBC | Drake Freeride Glide 400 | 28-42 | Tuttle |

*Wood, Technora™ and Carbon weights are subject to +-5% tolerance. These weights are estimate figures. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.



“THE NEW GENERATION AERIAL-STYLE WAVE BOARDS”

“THE MOST TEST WINNING WAVE FREESTYLE BOARD”

Highly recommended, Test Favourite, Best in Test, Tester's Choice – The Kodes have won the most tests

“TESTED IN THE REAL WORLD, ALL OVER THE WORLD”

Australia, Vietnam, Thailand, Tenerife, Gran Canaria, Maui, Denmark & Germany / Onshore, Sideshore, Big Waves & Small Waves



FLARE

"PROBABLY THE MOST RADICAL BOARD"



innovations
STARBOARD



Flare
Carbon

Flare Description

The Flares are Starboard's dedicated freestyle boards. They are pro-level designs backed by the world's best freestyle team.

The Flares are very quick to accelerate and feeling compact in both aerial and sliding maneuvers, they pop air easily and carve and respond quickly to the rider's moves.

They are very light yet remain extremely strong. They are perfectly balanced and aggressive enough to invite their riders to go for bigger, faster and combo tricks with confidence while being forgiving enough to help them finish each move.

The Flares also come in more sizes than any other freestyle board range, catering for riders of all ages and all sizes.



Single fin



Flare's position in the range

The Flares stand out in the range because they are Starboard's dedicated and only freestyle boards. A range that could be compared to the Flare is the Kode range, Starboard's wave-freestyle boards. The Kodes are also very capable freestylers.

In comparison, the Flares are quicker to accelerate and can generate more energy to pop higher air off flat water. They are more compact. In light-winds, the Flares glide on to the plane more easily. The Flares also pack a lot more volume in the tail, giving a high, vertical riding style and making the board more forgiving in sliding moves. The increased volume keeps the rider floating to help finish moves or link several together.

The Flares come with dedicated freestyle fins that are smaller than the freewave fins delivered with the Kodes. The Flares therefore require a higher level of riding skill unless the fin is changed for a larger model.

- Dedicated freestyle boards
- Most compact and quickest to accelerate
- Designed to generate lots of pop off flat water, and be highly responsive with a direct, aggressive feel
- The small freestyle fin, the thick tail and centered straps require a good freestyle skill-level and a vertical riding style

The Kodes are excellent freestylers as well, occasionally used in PWA events in high wind conditions, but they are not quite as extreme or compact. They are more comfortable, they wave-ride better and also offer freeride strap positions. The Kode's riding style is more conventional and they are more suitable for riders where freestyle represents at most 5-30% of their riding time.

| Quad | | NuEvo | | Kode Wave | |
|--------------------------------------|-------|--------------------------------------|-------|--------------------------------------|-------|
| Power Wave Riding | ★★★★★ | Power Wave Riding | ★★★★★ | Power Wave Riding | ★★★★★ |
| Versatile Wave Riding | ★★★★★ | Versatile Wave Riding | ★★★★★ | Versatile Wave Riding | ★★★★★ |
| Surf-style Wave Riding | ★★★★★ | Surf-style Wave Riding | ★★★★★ | Surf-style Wave Riding | ★★★★★ |
| Performance in epic conditions | ★★★★★ | Performance in epic conditions | ★★★★★ | Performance in epic conditions | ★★★★★ |
| Performance in real-world conditions | ★★★★★ | Performance in real-world conditions | ★★★★★ | Performance in real-world conditions | ★★★★★ |
| Freestyle | ★☆☆☆☆ | Freestyle | ★★☆☆☆ | Freestyle | ★★★★★ |
| Freeride | ★★☆☆☆ | Freeride | ★★☆☆☆ | Freeride | ★★★★★ |

| Kode Freestyle Wave | | Flare | |
|--------------------------------------|-------|--------------------------------------|-------|
| Power Wave Riding | ★★★★★ | Power Wave Riding | ★☆☆☆☆ |
| Versatile Wave Riding | ★★★★★ | Versatile Wave Riding | ★☆☆☆☆ |
| Surf-style Wave Riding | ★★★★★ | Surf-style Wave Riding | ★☆☆☆☆ |
| Performance in epic conditions | ★★★★★ | Performance in epic conditions | ★☆☆☆☆ |
| Performance in real-world conditions | ★★★★★ | Performance in real-world conditions | ★☆☆☆☆ |
| Freestyle | ★★★★★ | Freestyle | ★★★★★ |
| Freeride | ★★★★★ | Freeride | ★☆☆☆☆ |



The Message

"PROBABLY THE MOST RADICAL BOARD"

"AMAZING" German Surf magazine // "PROBABLY THE MOST RADICAL BOARD" Windsurfing Journal

Perfectly balanced. Powerful, poised and explosive. Its new highly-compact shape raises the bar for sheer control, responsiveness and rotational speed. It's sharper than ever, faster than ever and quicker to plane. Its new, thicker tail floats like a cork to help you link your moves and finish them off cleanly. Its new ultra-light Slot Box fin system and the raw no-paint finish on the Carbon option reduce weight, making Taty Frans' all-new design feel lighter than air. The new Flare.

The Flare (91, 101, 111) design starts with a bottom shape that comes from Starboard's racing iSonic: this generates their speed and ability to accelerate. On top of this racing chassis comes a new extra-compact freestyle outline, the basis for the Flare's new levels of control, responsiveness and rotational speed. Thickness distribution remains even and thick throughout the length of the board with extra volume pumped into the tail to accentuate the forgiveness of the board during maneuvers. The rails are shaped square in the tail for a quick release from the water: with every pump, the board accelerates efficiently and cleanly.

To make them as light as possible, they're fitted with the ultra-light 70g Slot Box fin box and finished raw without paint.

What's New

All Flares are fitted with the ultra-light 70g Slot Box. All Flares include Choco Starfish freestyle specialist fin. All Carbon Flares are finished raw, without paint on the deck and rails. The Flare 91, 101, 111 are all new shapes. These are the three models that benefit from the new extra-compact outlines, the thicker tails and the squared-off sharp rails in the tail.

The 60, 72 ProKids models and the 116 keep their shapes.



Key Features

New raw-finish without paint reduces weight (Carbon models only)

New extra-compact outlines increases rotational speed, improves responsiveness and control

Exaggerated deck dome and heel gutters improve rider comfort, grip and control over the board

New extra-thick tail improves float and forgiveness during moves

Fast racing chassis: rockerlines and vee configuration come from Starboard's iSonics

New ultra-light 70g Slot Box fins

New Choco Starfish freestyle fins

New squared-off tails create a sharper release edge for cleaner, quicker acceleration with every pump

Availability

Flare 91, 101, 111, 116: Carbon
ProKids Flare 60, 72: Technora

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Carbon) (kg) | Weight (Technora™) (kg) | Sail Range (m ²) | Fin | Fin Range (cm) | Fin box |
|---------------|------------------|-----------------|-------------|------------|-----------------|----------------------|-------------------------|------------------------------|-------------------------------|----------------|-------------|
| 1017130401001 | ProKids Flare 60 | 60 | 214 | 54.5 | 34.2 | | 5.2 | 2.0-4.7 | Choco Starfish KiriStyle 16 | 14-22 | Slot Box 13 |
| 1017130401002 | ProKids Flare 72 | 72 | 230 | 57 | 35.1 | | 5.6 | 2.5-5.5 | Choco Starfish New Radical 17 | 14-24 | Slot Box 13 |
| 1005130301001 | Flare 91 Carbon | 91 | 228 | 59 | 39.4 | 6.26 | | 4.5-6.0 | Choco Starfish New Radical 18 | 14-24 | Slot Box 13 |
| 1005130301002 | Flare 101 Carbon | 101 | 231 | 62.5 | 40.5 | 6.34 | | 5.0-6.8 | Choco Starfish New Radical 20 | 14-28 | Slot Box 13 |
| 1005130301003 | Flare 111 Carbon | 111 | 235 | 66 | 42.2 | 6.82 | | 5.2-7.0 | Choco Starfish New Radical 22 | 14-28 | Slot Box 13 |
| 1005130301004 | Flare 116 Carbon | 116 | 242 | 68 | 43.6 | 7.07 | | 5.5-7.3 | Choco Starfish New Radical 22 | 14-28 | Slot Box 13 |

*Wood and Technora weights are subject to +5% tolerance. These weights are estimate figures. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.



“EVERYTHING IS JUST PERFECTLY BALANCED”

Perfectly sized, fast, aggressive and quickest yet comfortable and forgiving – every characteristic is just perfectly balanced.

“AMAZING PLANING PERFORMANCE AND TREMENDOUS POP AND SLIDING CHARACTERISTICS”

German Surf magazine

“PROBABLY THE MOST RADICAL BOARD”

Windsurfing Journal



FUTURA

IMPOSSIBLE ENGINEERING

dream team
CYRIL MOUSSILMANI



Photographer: John Carter

innovation quality
STARBOARD



Futura
Carbon

Futura
Wood

Futura Description

The Futura are Starboard's freerace boards. Freerace boards are designed to go extremely fast, like slalom boards, but with more user-friendliness and more comfort. They are the sports cars of windsurfing.

When it was first introduced in 2008, Starboard's Futuras revolutionary design redefined the freerace category: its 15% thinner profile and its wider outline, inspired by the evolution of modern slalom boards, offered the casual freerider a board that was very stable at low speed yet extremely fast and powerful throughout an incredibly wide wind range. On top of these benefits, the thinner shape made for better jibing and more control. It was a win-win design leap forwards.

After taking two years to get established, the Futura has become the market leader and the new performance benchmark. In 2011, the Futuras won every comparative test it entered: the Planchemag test, the Wind magazine test, the Windsurf magazine test, the Boards/Boardseeker test and the Surf magazine test. In 2012, it won the Wind Top Choice award for a second year in a row.

For 2013, Starboard continues to offer the Futura in six sizes and two technology options, all of them with new cut-away shapes designed to release more top end speed and squeeze yet even more efficient acceleration in the gusts.



Futura's position in the range

The Futuras are Starboard's freerace boards. The freerace category sits between the freeride and slalom categories. Freeriders are more comfortable, easier to glide on to the plane and are more plug-n-play, needing little tuning or skill level from its rider to deliver its best. In comparison, the Futuras are faster and can cover a wider wind range – but it will need some skill level and tuning know-how to get the most out of.

Compared to slalom boards, the Futuras are more comfortable and more accessible. Their footstrap positions are not as far out-board. On the other hand, Starboard's slalom boards, the iSonics, will have more power and a higher average speed, with quicker acceleration, that ultimately make them faster than the Futuras.

- Starboard's freerace boards
- The Sports Car of windsurfing
- They provide the advanced freerider incredible speed, a very wide wind range and high-speed jibing abilities

Futura

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★☆ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★☆ |
| Wind range | ★★★★★ |

iSonic

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★☆☆ |
| Maneuverability | ★☆☆☆☆ |
| Wind range | ★★★★★ |

Carve

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |

GO

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |



The Message

IMPOSSIBLE ENGINEERING

The Starboard Futuras: 15% slimmer freeracers. Enjoy extra stability at low speeds and class-leading top-end speeds across a mega-wide wind range. The winner of Wind magazines Top Choice award two years in a row. The all-new 2013 design includes the very-deep-deck-concave concept, the mini-wingers concept, the C3-designed Venom fins and new open-angle cutaways with heel extensions.

Wide outlines coupled with a thinner profile forms the basis for each Futura design. By making the outlines wider, the boards will have better low-speed stability: this is important when uphauling or completing your jibes for example.

By making the profiles thinner, these wider boards don't feel big – on the contrary, the lower center of gravity makes the board more responsive to foot-steering, quicker to carve and bite sharper into jibes.

The combination of width and thinness also increases wind range: on one hand, the extra width allows the rider to fit a deeper fin and a larger sail, giving it more light wind power. On the other hand, the low volume from the thin profile allows the board to be more controllable in high winds, using a smaller sail and a smaller fin.

The Futuras are developed in parallel with the slalom iSonics. Like the iSonics, the Futuras' noses are relatively wide, allowing for a shorter nose and a lower rocker to be used. This shorter and lower nose reduces swing weight, reduces aerodynamic drag and improves the board's ability to skim over chop without losing speed.

The rails are shaped for power, with extra hard rail edges. But they remain thinner and more comfortable than the full-blown rail shapes of the iSonics. This makes the Futuras more comfortable and less powerful. Most importantly, these rail shapes allow the use of in-board strap positions.

When using the in-board strap positions, the Futuras become very accessible and comfortable to ride.

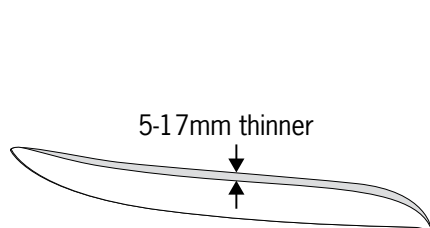
In conclusion, the Futuras cover an incredible scope of performance: they are accessible and comfortable if you want them to be, or they can be super-fast racing machines with a super-wide wind-range if you want them to be. This is where the Futura excels.

What's New

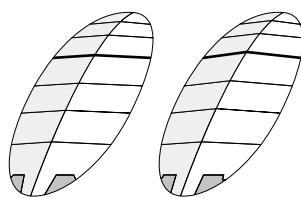
All sizes: new cut-away shapes with open-angles: for less drag and a reduced wetted surface area, giving more speed and quicker acceleration.

Special note: due to the early release of this product guide, Starboard will not release diagrams or photos of this new cut-away design until the official website release on August 20th.

2012 compared to 2011:

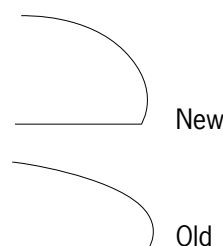


111/121/131: Thinner again by 5mm, 7mm and 16mm (111, 121, and 131 respectively). The reduced thickness further increases the Futura's responsiveness and controllability.



New Old

111/121/131: To gain extra top end speed, these Futuras include a new vee configuration carried over directly from iSonics: there is less vee in the nose to make the vee distribution more even.



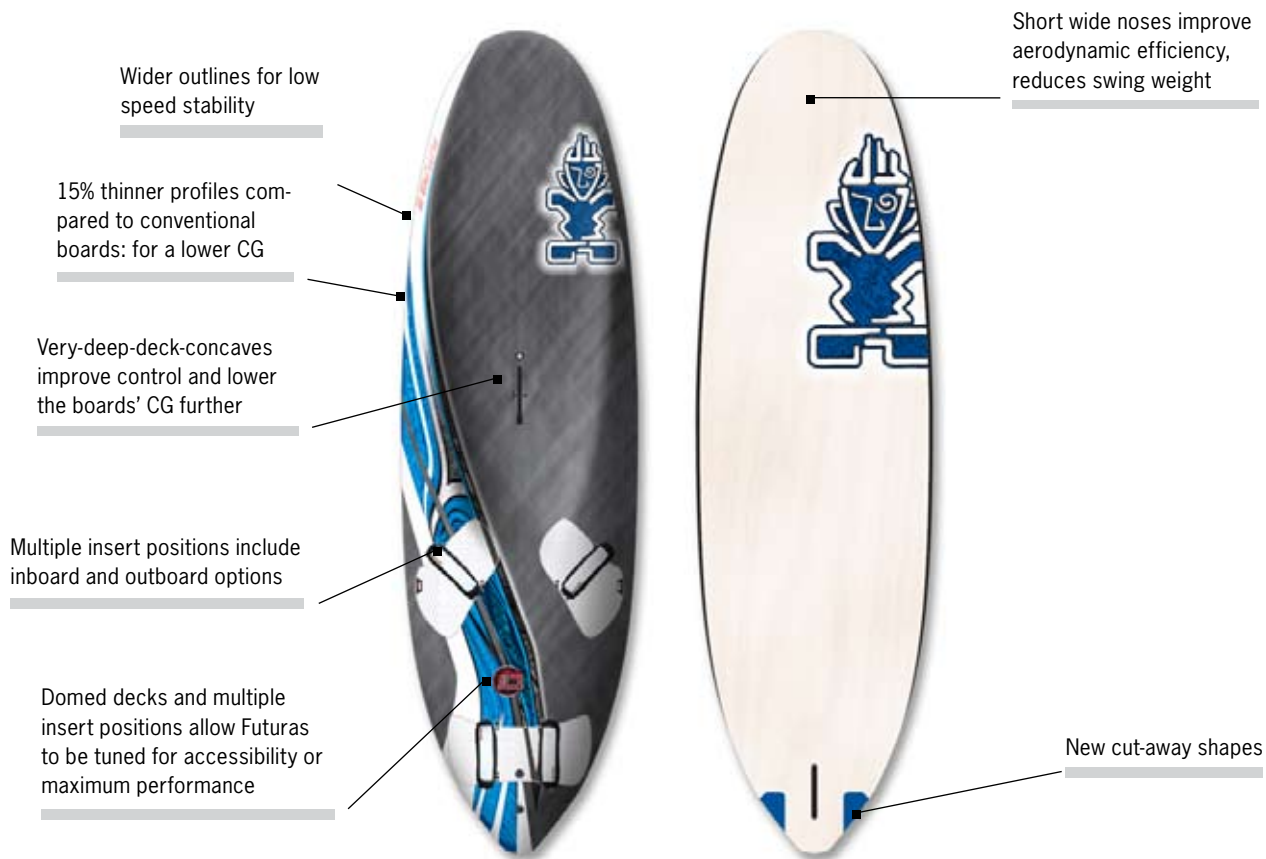
New

Old

111/121/131: To improve acceleration and the free-feeling release from the water, these Futuras have new rail shapes that are harder and more voluminous throughout the entire length of the board. Grip and fit between the rider's feet and the deck shape is also improved.



Key Features



Availability

Carbon, Wood

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Carbon)(kg) | Weight (Wood) (kg) | Sail Range (m ²) | Fin | Fin Range (cm) | Fin box |
|---------------------------------|--------------------------------------|-----------------|-------------|------------|-----------------|---------------------|--------------------|------------------------------|----------------|----------------|---------|
| 1007130301001 1007130101007 | Futura 93 Carbon Futura 93 Wood | 93 | 238 | 61.5 | 40.6 | 6.15 | 6.5 | 4.0-7.0 | Drake Venom 36 | 28-38 | Tuttle |
| 1007130301002 1007130101008 | Futura 101 Carbon Futura 101 Wood | 101 | 239 | 65.5 | 42.7 | 6.57 | 7.06 | 4.5-7.5 | Drake Venom 38 | 30-40 | Tuttle |
| 1007130301003 1007130101009 | Futura 111 Carbon Futura 111 Wood | 111 | 240 | 69.5 | 45.9 | 6.90 | 7.18 | 5.0-8.0 | Drake Venom 42 | 34-44 | Tuttle |
| 1007130301004 10071301010010 | Futura 121 Carbon Futura 121 Wood | 121 | 246 | 72 | 47.8 | 7.14 | 7.55 | 5.5-9.0 | Drake Venom 44 | 36-46 | Tuttle |
| 1007130301005 10071301010011 | Futura 131 Carbon Futura 131 Wood | 131 | 246 | 76 | 50.1 | 7.38 | 8.03 | 6.0-9.5 | Drake Venom 48 | 40-50 | Tuttle |
| 1007130301006 10071301010012 | Futura 141 Carbon Futura 141 Wood | 141 | 246 | 80.5 | 49.9 | 8.03 | 8.67 | 6.5-10.0 | Drake Venom 50 | 42-52 | Tuttle |

*Wood and Carbon weights are subject to +5% tolerance. These weights are estimate figures. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.



Additional Information

To make the most out of the Futuras, we strongly recommend each Futura to be used with three fins: one for larger sails, one for medium-sized sails and one for maxed-out conditions. The supplied fin is the ideal middle fin, so the other two fins should be 2-3cm larger and smaller than the supplied fin. Tapping into this extra wide wind range will be a revelation for its owner since most windsurfers don't realize just how wide the wind range can be thanks to this little tuning tip.

With its deep deck concave, we also recommend the rider's boom to be placed 2cm higher than usual.



“THE ESSENCE OF FREERACING”

“On one side it suits the sailors who have just learnt to use footstraps, and at the same time it keeps up with slalom boards in terms of performance.” Test Winner, Planchemag March 2011

“ADVANCED TECHNOLOGY”

Hi-tech design: deck concaves, wingers, hard rails, extra thin: it is the cutting edge of Starboard's R&D

“BEATS THE OTHER BOARDS IN TESTS”

The Futuras have won the most tests in the freerace category

“MORE WIND RANGE”

Extra thin, extra wide = extra wind range



ISONIC

MAXIMUM EFFICIENCY



DREAM TEAM
BJORN DUNKERBECK
2011 PWA SLALOM OVERALL CHAMPION



iSonic
Carbon

iSonic
Wood

iSonic Description

The iSonics are Starboard's slalom boards. They are fast racing machines designed for the highest top speeds, the highest average speeds, the quickest accelerations with powerful overtaking abilities throughout a wide wind range.

The range itself is designed around the PWA's three board format: the perfect quiver covering all conditions can be achieved by selecting one board most suitable from each of the iSonic's three size-categories:

The three smallest sizes are most narrow and shaped specifically for **high wind** conditions.

The three middle sizes are compact designs for maximum performance across a wide wind range, particularly **medium wind** strengths.

The three largest sizes are extra-wide designs emphasizing **light wind** performance.

Special note: The maximum width set by the PWA is subjective 85cm, which is a shame: slalom boards exceeding 85cm are much more efficient in lightwinds offering more performance, more speed, earlier planing and more fun. Because they are not race-legal (yet faster than a race-legal iSonic in lightwinds), we called our illegal 93cm wide iSonic the "UltraSonic". You can read more about this model in the UltraSonic section of this product guide.



iSonic's position in the range

The iSonics are the only slalom range in the Starboard range. They are the boards that have the quickest acceleration, the highest average speed and the second-highest top speed in our board range (the iSonics Speed Specials are ultimately the boards that achieve the highest top speeds).

Together with the UltraSonic, the Formula and the Phantom Race, they form Starboard's racing collection. The iSonics are designed for slalom racing, the Formula are for Formula racing and the Phantom Race is for raceboarding.

- Starboard's slalom boards.
- Super fast and super efficient boards
- They provide the highest average speeds, the quickest acceleration and fastest jibbing speeds

Futura

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★☆ |
| Comfort | ★★★★☆ |
| User-friendliness | ★★★★☆ |
| Maneuverability | ★★★★☆ |
| Wind range | ★★★★☆ |

iSonic

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★☆ |
| Comfort | ★★★★☆ |
| User-friendliness | ★★★☆☆ |
| Maneuverability | ★★★☆☆ |
| Wind range | ★★★★★ |

Ultrasonic

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★☆ |
| Comfort | ★★★★☆ |
| User-friendliness | ★★★★☆ |
| Maneuverability | ★★★☆☆ |
| Wind range | ★★★★★ |

iSonic Speed Specials

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★☆ |
| Comfort | ★★★★☆ |
| User-friendliness | ★★★☆☆ |
| Maneuverability | ★★★☆☆ |
| Wind range | ★★★★★ |



The Message

MAXIMUM EFFICIENCY

The iconic iSonics: our flagship slalom range incorporating every ounce of Starboard R&D technology, every gram of our team's design experience, and driven by the most successful racing team in windsurfing.

Ever since their inception, the iSonics focus on achieving not just the highest top speeds but also the highest average speeds, the quickest accelerations, the most effective overtaking power, the most powerful jibing performance, all this across the widest range of conditions.

This philosophy has created innovations such as the wide outline, the thin profile, the low-nose rocker, the wide-tail, the side-cuts, the deep deck-concave and more.

New for 2013: new proportions for the 110 and 90 models. New open-angle cut-away shapes with heel extensions for less drag, more top-end speed and quicker acceleration, without loss of control or stability.

Wide, compact outlines forms the basis for each iSonic design, except for the three smallest sizes that are classically narrow.

The nose of each board is relatively wide, allowing for a shorter nose and a lower rocker to be used. This shorter and lower nose reduces swing weight, reduces aerodynamic drag and improves the board's ability to skim over chop without losing speed.

The tail of the board, just under your back foot is also relatively wide. This increases the board's power, its overtaking potential, its jibing power, its wind range and the leverage the rider can apply over the board to keep it under control or add extra acceleration.

This wider tail also increases the width of the planing surface, which translates into a more efficient hull: less drag, more lift.

The profile of each iSonic is extra thin for maximum control and wind range. The deck also includes a scooped-out concave that has gradually increased in depth over the years.

The rails are shaped for power. The latest generation includes extra hard rail edges in the tail and thinner rails in the nose. These extra-hard rails increase the width of the planing surface adding more control, more power and more efficiency to the planing surface. They also generate more jibing power that translates into faster jibes with higher exit speeds in the hand of expert jibers.

There are two levels of mini-wingers: these help to release the water that travels along the leeward rail at high speeds. This water would otherwise stick to the rail, resulting in a board that isn't as sharp and quick as it could be.

The bottom design includes new cut-away designs: these reduce the length of the wetted surface area and increase its aspect ratio, therefore its efficiency at delivering lift with less drag. The 2013 cut-away shape has evolved to provide less drag than previous versions, to improve top end speed and provide quicker acceleration in the gusts.

What's New

Due to the early release of this product guide, Starboard is not releasing further details until the official website release on August 20th.

To help distributors and retailers in their order selection, please use 2012 sizes as a benchmark, but adjust to the 2013 sizes as indicated below:

| 2012 model | 2013 model | Conditions |
|-----------------|------------|-------------|
| iSonic 80 | iSonic 80 | High wind |
| iSonic 87 | iSonic 87 | High wind |
| iSonic 90 | iSonic 90 | High wind |
| iSonic 97 | iSonic 97 | Medium wind |
| iSonic 107 | iSonic 107 | Medium wind |
| iSonic 117 | iSonic 110 | Medium wind |
| iSonic 117 Wide | iSonic 117 | Light wind |
| iSonic 127 | iSonic 127 | Light wind |
| iSonic 137 | iSonic 137 | Light wind |

Additional Information

The iSonics are available in two construction categories: Wood, for more control and comfort, and Carbon, for sharper acceleration, a stiffer feel and earlier planing.

No fins are supplied with the board



Key Features



Availability

Carbon, Wood

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Carbon) (kg) | Weight (Wood) (kg) | Sail Range (m ²) | Fin Range (cm) | Fin box |
|--------------------------------|--------------------------------------|-----------------|-------------|------------|-----------------|----------------------|--------------------|------------------------------|----------------|-------------|
| 1010130301002 1010130101001 | iSonic 80 Carbon iSonic 80 Wood | 80 | 243 | 56.5 | 36.6 | 5.32 | 5.56 | 5.1-7.0 | 28-34 | Tuttle |
| 1010130301002 1010130101002 | iSonic 87 Carbon iSonic 87 Wood | 87 | 243 | 56.5 | 36.7 | 5.41 | 6.00 | 5.1-7.0 | 30-36 | Tuttle |
| 1010130301003 1010130101003 | iSonic 90 Carbon iSonic 90 Wood | 90 | 243 | 59.5 | 40 | 5.66 | 6.31 | 5.1-7.0 | 32-38 | Tuttle |
| 1010130301004 1010130101004 | iSonic 97 Carbon iSonic 97 Wood | 97 | 235 | 63.5 | 45.2 | 5.70 | 6.59 | 5.6-7.8 | 34-40 | Tuttle |
| 1010130301005 1010130101005 | iSonic 107 Carbon iSonic 107 Wood | 107 | 235 | 68.5 | 50.0 | 6.08 | 6.75 | 6.2-8.6 | 36-44 | Deep Tuttle |
| 1010130301006 1010130101006 | iSonic 110 Carbon iSonic 110 Wood | 110 | 227 | 75 | 49.6 | 6.37 | 7.14 | 6.2-8.6 | 38-46 | Deep Tuttle |
| 1010130301007 1010130101007 | iSonic 117 Carbon iSonic 117 Wood | 117 | 228 | 80.5 | 53.4 | 6.66 | 7.38 | 7.0-9.2 | 38-46 | Deep Tuttle |
| 1010130301008 1010130101008 | iSonic 127 Carbon iSonic 127 Wood | 127 | 228 | 85 | 57.9 | 7.12 | 7.6 | 7.8-9.6 | 44-52 | Deep Tuttle |
| 1010130301009 1010130101009 | iSonic 137 Carbon iSonic 137 Wood | 137 | 231 | 85 | 58 | 7.26 | 7.8 | 7.8-9.6 | 44-54 | Deep Tuttle |

*Wood and Carbon weights are subject to +-5% tolerance. These weights are estimate figures. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.
Remark: No fins are supplied with the board.



“THE MOST ADVANCED BOARD TECHNOLOGY”

The world's most advanced slalom board

“THE ICON”

The slalom board that re-invented slalom in 2002, and continues to dominate PWA slalom today



**iSonic
Speed
Special
W44**

Carbon

**iSonic
Speed
Special
W49**

Carbon

**iSonic
Speed
Special
W54**

Carbon

**iSonic
Speed
Special
W58**

Carbon

iSonic Speed Special's Description

The iSonic Speed Specials are the pure speed needles of Starboard's range. Technically advanced designs, they are reserved for the best of speed sailors who know what they need to go fast. Not just the feeling of going fast, but knowing that speed is the result of meticulous GPS measurements and the combination of hours of tuning with perfect riding expertise.

The two middle sizes, the W49 and W54, are designed for consistently fast runs throughout a wide range of conditions. These are the typical choices for speed riders on the tour.

New for 2013 and the largest size, the W58 is quite wide by speed-board standards. It is designed to deliver the highest possible top speed in relatively light wind conditions.

The W44 is designed for one purpose in mind: the absolute highest possible speed on a windsurfer.



iSonic Speed Special's position in the range

The iSonic Speed Specials are the only speed boards in the Starboard range. Compared to slalom boards, they are narrower and far more technical to ride. They are for speed experts only, professional riders on the speed tour and GPS speed sailors.

- Starboard's speed boards
- Ultimately the fastest boards of all
- For speed experts competing on the race tour and/or GPS speed sailors.

iSonic

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★☆☆ |
| User-friendliness | ★★☆☆☆ |
| Maneuverability | ★☆☆☆☆ |
| Wind range | ★★★★★ |

iSonic Speed Specials

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★☆☆☆☆ |
| Power | ★☆☆☆☆ |
| Comfort | ★☆☆☆☆ |
| User-friendliness | ★☆☆☆☆ |
| Maneuverability | ★☆☆☆☆ |
| Wind range | ★☆☆☆☆ |

The Message

The W58 is the new shape for 2013. It is designed by Remi Vila as the top choice for all-round medium and light wind speed runs. It has a double concave front section feeding into a vee tail, a 70cm flat section, extra deep deck concave on the deck and new super-efficient cut-away shapes in the tail.

The shapes of the W44, W49 and W54 are Björn's exact custom replicas, shaped by Carlos Sosa. They include very deep deck-concaves that increase control and improve aerodynamics.

W44, W49, W54: constant vee bottom shape with 70cm flat, except for the W44 that has a 60cm flat.

The iSonic Speed Specials are built in a specially developed Speed Technology: a pure carbon construction with carbon overlapping-rail-wraps for maximum stiffness.

"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 Dunkerbeck.

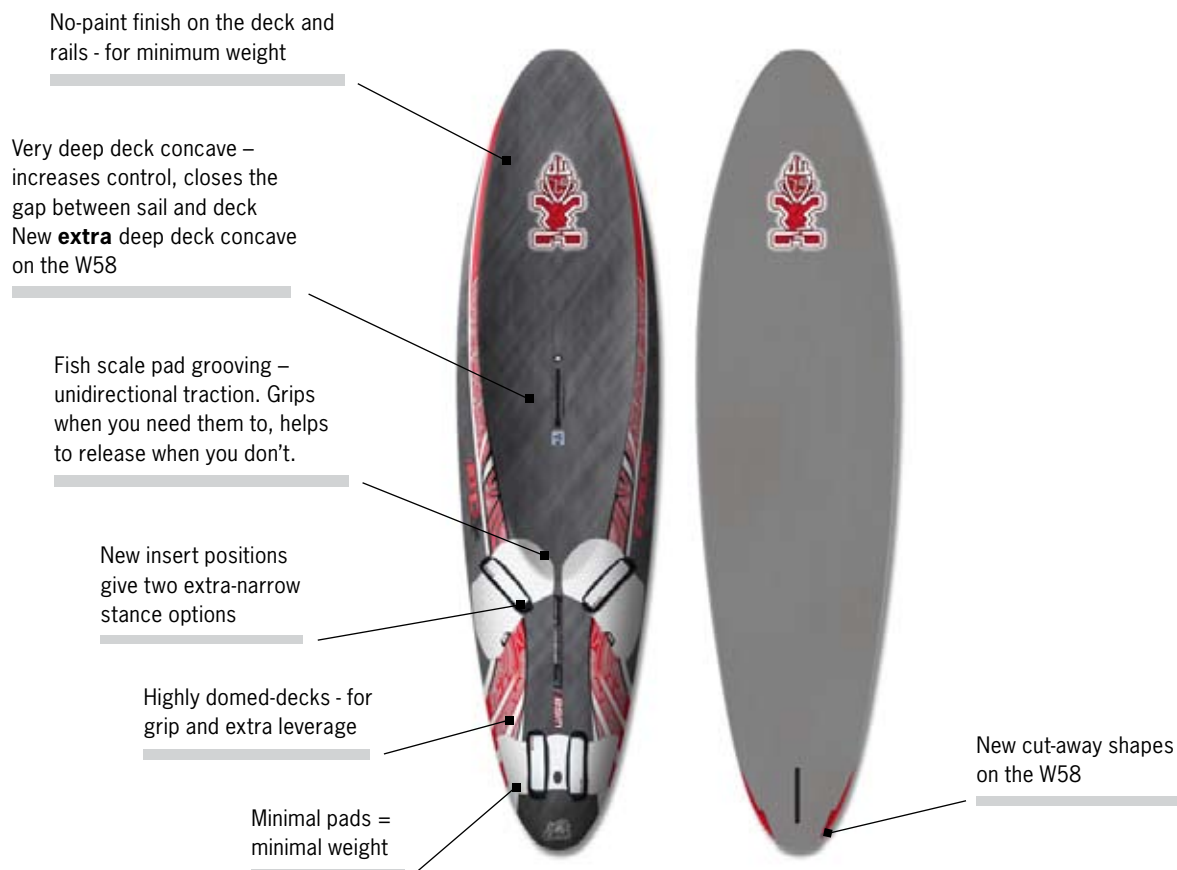
What's New

The W58 is an all-new 2013 shape by Remi Vila. The deck now includes a very deep deck concave for maximum control and new cut-away shapes in the tail that produce less drag, for increased top end speeds. The vee throughout the board has been increased to liven up the board and help it release from the water, for more speed in the board's lower wind range.

The new cut-away shapes have more open angles to minimize the disturbance to the flow of water. The cut-outs on the side also reduce the wetted surface area, but the extended heel section allows the board to maintain good control.



Key Features



Availability

Carbon

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Carbon) (kg) | Sail Range (m ²) | Fin Range (cm) | Fin box |
|---------------|------------|-----------------|-------------|------------|-----------------|----------------------|------------------------------|----------------|---------|
| 1008130301001 | iSonic W44 | 57 | 230 | 43.5 | 25.6 | 4.6 | 5.1-6.2 | 20-26 | Tuttle |
| 1008130301002 | iSonic W49 | 64 | 230 | 49 | 29 | 4.8 | 5.6-7.0 | 22-28 | Tuttle |
| 1008130301003 | iSonic W54 | 72 | 230 | 54.5 | 33.7 | 5.1 | 6.2-7.8 | 26-32 | Tuttle |
| 1008130301004 | iSonic W58 | 82 | 231 | 58 | 36.1 | 5.2 | 5.6-8.6 | 28-34 | Tuttle |

*Carbon weights are subject to +5% tolerance. These weights are estimate figures. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.

Remark: No fins are supplied with the board.



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 |



25 YEARS

Bjorn and Carlos have designed speed boards for 25 years. The iSonic Speed Specials are the culmination of this journey.

PURE CARBON

The deck, bottom and even the rails overlaps are pure carbon – no waste, just pure energy delivery



CARVE

PLUG AND PLAY



DREAM TEAM
CHRIS MURRAY
GLOBALSHOTS.CO.UK

INNOVATION QUALITY
STARBOARD



Carve
Carbon

Carve
Wood

Carve
Tufskin

Carve's Description

The Carve are Starboard's freeride boards. Freeride boards are designed to be fast, exciting and fun, while delivering their best performance regardless of rider skill: we call it Plug and Play. Wind-range and jibing performance are critical when freeriding. The new Carves, with their slimmer shapes and extra wide widths, are the class-leaders in wind range and they jibe beautifully in all manner of styles: from wide-arc power turns to pivotal back foot carves. With its stability, they even help you progress in your carve jibing skill and make uphauling a breeze.



Carve's position in the range

As Freeride boards, the Carves occupy the biggest segment of Windsurfing. They cover the widest mix of characteristics by being very fast yet they remain maneuverable and stable. They are stable to jibe but they still can turn with lots of grip and power, racing-style. The most important characteristic of the Carves however, is that they achieve it all with little need for the perfect tuning or the perfect set up. This is the plug and play concept.

When compare to the Futuras, Starboard's freerace boards, the Carves are easier to set up, trim and use. The Futuras can deliver some extra performance, but it will demand more skill from its rider.

When compared to the Kode Freemoves, Starboard's freemove boards, the Carves are faster and also more user-friendly. The Kodes would be more maneuverable and feel more aggressive, like it wants to jump and carve harder.

- Starboard's freeride boards
- Plug and Play
- They provide freeriders of all skill level high speeds, a very wide wind range and high-speed jibing abilities

Carve

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |

GO

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |

Futura

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |

Kode Freemove

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind Range | ★★★★★ |



The Message

8% SLIMMER

The Starboard Carves join the evolution towards slimmer shapes: 8% slimmer on average in the midsection, the new slim Carves are extra stable and cover an extra wide wind range. They plane earlier, carry bigger sails and ultimately reach faster speeds than before – more often and more effortlessly.

Planing: 10/10

Acceleration: 10/10

Top speed in low winds: 10/10

Top speed in high winds: 10/10

Top end control: 10/10

Maneuverability: 10/10

Keep planing: 9/10

Userfriendliness: 10/10

WindsurfJournal Freeride Group Test, Test Special issue 2012, Germany

Design and Performance

Wide outlines coupled with a thinner profile forms the basis for each new Carve design.

The slim concept was applied to the Carve 121, 131, 141 when we transitioned from the 2011 model to 2012 model. The slim concept then followed on the 151 and 161 as we transition now from the 2012 model to the 2013 model.

So for 2013, all the Carves now follow the new Slim Concept: wider and thinner for a more efficiency.

By making the outlines wider, the boards will have better low-speed stability: this is important when uphauling or completing your jibes for example.

By making the profiles thinner, these wider boards don't feel big – on the contrary, the lower center of gravity makes the board more responsive to foot-steering, quicker to carve and bite sharper into jibes.

The combination of width and thinness also increases wind range: on one hand, the extra width allows the rider to fit a deeper fin and a larger sail, giving it more light wind power. On the other hand, the low volume from the thin profile allows the board to be more controllable in high winds, using a smaller sail and a smaller fin.

Unlike the Futuras or iSonics, the boards remain generously long by modern standards. This allows for easier passive planing: the boards will glide on to the plane more easily and more gradually.

The tail area of the deck remains heavily domed so that the board remains comfortable underfoot, in any strap position and even outside of the straps. The Carves are very accessible and comfortable to ride.

In conclusion, the Carves are designed to offer an incredible range of performance but in one simple easy package

What's New



2013 compared to 2012:

New 151 and 161 shapes. These two sizes now join the 111, 121, 131 and 141 in the 'Slim Concept'. The thickness difference is -7% in the mid-section on average. The difference is 0% in the tail section (the tail needs to remain domed for comfort in all strap positions). The new shapes also benefit from the new cut-aways that provide more top speed and a quicker acceleration.

2012 compared to 2011:

121, 131, 141: benefitted from the Slim Concept: 9% slimmer in their midsection and new cut-away designs for improved speed/acceleration.



Key Features

151/161: wider outlines for low speed stability, large sail and large fin carrying capability

151/161: 7% thinner profiles compared to 2012 model, for improved control, maneuverability and a sharper ride

Domed decks and multiple insert positions

New Sponge Pad design on all sizes

Multiple insert positions include inboard and outboard options



151/161: new cut-away shapes that improve top speed and acceleration

Availability

Wood, Carbon, Tufskin AST

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Carbon) (kg) | Weight (Wood) (kg) | Weight (Tufskin AST) (kg) | Sail Range (m ²) | Fin | Fin Range (cm) | Fin box |
|---|---|-----------------|-------------|------------|-----------------|----------------------|--------------------|---------------------------|------------------------------|--------------------------|----------------|---------|
| 1006130101001 1006130301001 1006130601001 | Carve 111 Carbon Carve 111 Wood Carve 111 AST | 111 | 245 | 66 | 42.8 | 6.8 | 7.41 | 8.50 | 5.0-7.5 | Drake Freeride Power 380 | 34-40 | Tuttle |
| 1006130101002 1006130301002 1006130601002 | Carve 121 Carbon Carve 121 Wood Carve 121 AST | 121 | 252 | 72.0 | 47.3 | 7.2 | 8.00 | 8.82 | 5.0-8.0 | Drake Freeride Power 420 | 36-42 | Tuttle |
| 1006130101003 1006130301003 1006130601003 | Carve 131 Carbon Carve 131 Wood Carve 131 AST | 131 | 252 | 75.5 | 49.2 | 7.5 | 8.20 | 9.32 | 5.5-9.0 | Drake Freeride Power 460 | 38-46 | Tuttle |
| 1006130101004 1006130301004 1006130601004 | Carve 141 Carbon Carve 141 Wood Carve 141 AST | 141 | 251 | 79.5 | 49.7 | 8.0 | 8.60 | 9.46 | 6.0-9.5 | Drake Freeride Power 480 | 40-48 | Tuttle |
| 1006130101005 1006130301005 1006130601005 | Carve 151 Carbon Carve 151 Wood Carve 151 AST | 151 | 251 | 81 | 51.5 | 8.3 | 8.71 | 9.67 | 6.5-10 | Drake Freeride Power 500 | 42-50 | Tuttle |
| 1006130101006 1006130301006 1006130601006 | Carve 161 Carbon Carve 161 Wood Carve 161 AST | 161 | 254 | 85 | 52 | 8.6 | 9.0 | 10.51 | 7.0-10 | Drake Freeride Power 500 | 46-54 | Tuttle |

*Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.



Additional Information

On the water:

Starboard's product range is the biggest one on the entire market and yet the board instantly oozes that Starboard familiarity when you get up on it. The Carve is incredibly wide compared to its competitors, and even though 141 liters makes it the second biggest board of the test group, 80cm is rich, related to that volume. Therefore it is no surprise the board is one of the most stable boards in the test when shlogging. And you instantly understand that the manufacturer's claim that the board will hold a 9.5 sail is not an exaggeration. Beginning freeriders will appreciate the stability and thus confidence that the Carve brings to the table. When it comes to early planing, nobody's got anything on the Carve; Saint Peter farts, and the Carve planes. It is that simple.

Acceleration is swift, and so is the top speed, especially in the lower wind range. The Carve stays composed on the water, flat and doesn't show a tendency to lift its nose. This translates into a secure and comfortable ride, and in the realm of light winds, the Carve rules supreme. When the wind increases, things don't disintegrate, but accelerate and speed is taken up another notch. But because of its width, the Carve becomes more of a handful than the other boards in the group. Yet the Carve transmits absolute confidence even at top speeds, so it is only in direct confrontations with the other boards that you'll notice no-one is as fast as you. In maneuvers, the Carve lives up to its name, slicing like hot knife through butter, and the rider can't do anything but grin stupidly.

Verdict:

The 2021 Carve lives up to its reputation and is a fantastic freeride board.

Windsurf Journal Freeride Group Test, Test Special issue 2012, Germany



“SIMPLY, THEY’RE THE BEST FREERIDE BOARDS”

Scored almost perfectly with 79/80 and 78/80 in Windsurf Journal’s Freeride Group Test

“NEW 151 AND 161 SHAPES”

These two new sizes have new shapes that join the same winning concepts as the 121, 131, 141 shapes



GO

8% SLIMMER



DREAM TEAM
IBALLA MORENO
2011 PWA WAVE VICE CHAMPION

INNOVATION. QUALITY.
STARBOARD



GO
Tufskin EVA

GO Description

The GO are Starboard's iconic range of progressive freeriders. They are the original, comfortable, stable and easy all-round designs that have transformed modern windsurfing by making it easy to progress from early-learner to advanced rider.

What's progressive freeriding? It's about getting planing, hooking in to the harness, learning to waterstart, learning to windsurf with speed and power and mastering the carve jibe.

The all-new 2013 GOs share the same ultra-modern slim shapes as the new 2013 Carve range. Wider and slimmer than ever, they enjoy a wider wind range than before. With the extra width comes more stability and earlier planing, and the ability to use bigger sails and deeper fins. With reduced thickness comes a sharper, more race-like sensation and improved control in higher winds.

The new 8% slimmer GO boards: slim n' fast.



GO's position in the range

As Progressive Freeride boards, the GOs cover the widest mix of characteristics by being very fast yet they remain maneuverable and stable. Like the Carves, they are stable to jibe but they still can turn with lots of grip and power, racing-style.

When compared to the Carves, the GO boards differ by offering more comfort and convenience: the GO boards have carry handles both in the centre and in the nose of the board. There are some extra footstrap positions to accommodate for beginners and in the 151 and 161 sizes, there are optional centre fin boxes too: perfect for sharing windsurfing with your friends and family. Most significantly, the GO has a soft EVA deck while the Carves have the normal non-slip finish.

- Starboard's progressive freeride boards
- The board that takes you through the progressing stages of windsurfing, from planing and waterstarting to carve jibing.
- New slim shapes give the GO boards improved range and performance.

Carve

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |

GO

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |

Kode Tufskin

| | |
|--------------------------|-------|
| Stability | ★★★★★ |
| Glide | ★★★★★ |
| Non-planing fun | ★★★★★ |
| Planing fun | ★★★★★ |
| Suitable for starting | ★★★★★ |
| Suitable for progressing | ★★★★★ |

(Kids)



The Message

8% SLIMMER

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.

Sharing the same shape as the latest slimmer Carves, these new shapes have proven to score almost perfectly in freeride tests:

Planing: 10/10

Acceleration: 10/10

Top speed in low winds: 10/10

Top speed in high winds: 10/10

Top end control: 10/10

Maneuverability: 10/10

Keep planing: 9/10

Userfriendliness: 10/10

WindsurfJournal Freeride Group Test, Test Special issue 2012, Germany

Wide outlines coupled with a thinner profile forms the basis for a more efficiency.

By making the outlines wider, the boards will have better low-speed stability: this is important when uphauling or completing your jibes for example.

By making the profiles thinner, these wider boards don't feel big – on the contrary, the lower center of gravity makes the board more responsive to foot-steering, quicker to carve and bite sharper into jibes.

The combination of width and thinness also increases wind range: on one hand, the extra width allows the rider to fit a deeper fin and a larger sail, giving it more light wind power. On the other hand, the low volume from the thin profile allows the board to be more controllable in high winds, using a smaller sail and a smaller fin.

The tail area of the deck remains heavily domed so that the board remains comfortable underfoot, in any strap position and even outside of the straps. The GOs are very accessible and comfortable to ride.

What's New?

121, 131, 141: 9% slimmer in their midsection and new cut-away designs for improved speed/acceleration.

151 and 161: the thickness difference is -7% in the mid-section on average. The difference is 0% in the tail section (the tail needs to remain domed for comfort in all strap positions).

All the new shapes also benefit from the new cut-away designs that provide more top speed and a quicker acceleration.



Key Features

Wider outlines for low speed stability, large sail and large fin carrying capability

8% thinner profiles compared to 2012 model, for improved control, maneuverability and a sharper ride

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

Full soft EVA deck: comfortable for your feet, knees and elbows. You get lots of grip without the cuts or rashes. The EVA deck is raised high above the edges of the board to allow the water to flow freely around the board and carve jibe smoothly without interruption.

Footstrap positions for every level of sailing: beginner, intermediates and advanced.

Carry handles in the nose: makes carrying the board by two people more convenient.

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.

The 151 and 161 models are delivered 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 of the GO.

New cut-away shapes that improve top speed and acceleration



Availability

Tufskin EVA

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Tufskin) | Sail Range (m ²) | Fin | Fin Range | Fin box |
|---------------|---------------------------|-----------------|-------------|------------|-----------------|------------------|------------------------------|--|-----------|------------|
| 1012130601009 | GO 99 | 99 | 216 | 76.3 | 50.1 | TBC | 2-7.5 | Drake Freeride Glide 400 + 2 x Drake Shallow 310 + Plugs | 34-44 | Tuttle |
| 1012130601001 | GO 121 | 121 | 252 | 72.0 | 47.3 | 9.7 | 5.0-8.0 | Drake Freeride Power 400 | 36-42 | Tuttle |
| 1012130601002 | GO 131 | 131 | 252 | 75.5 | 49.2 | 10.38 | 5.5-9.0 | Drake Freeride Power 440 | 38-46 | Tuttle |
| 1012130601003 | GO 141 | 141 | 251 | 79.5 | 49.7 | 10.55 | 6.0-9.5 | Drake Freeride Power 460 | 40-48 | Tuttle |
| 1012130601004 | GO 151 | 151 | 251 | 81 | 51.5 | 11.14 | 6.5-10.0 | Drake Freeride Power 500 + Drake Shallow 410 + Plugs | 42-50 | 2 x Tuttle |
| 1012130601005 | GO 161 | 161 | 254 | 85 | 52 | 11.77 | 7.0-10.0 | Drake Freeride Power 500 + Drake Shallow 410 + Plugs | 46-54 | 2 x Tuttle |
| 1012130601006 | GO 151 without center fin | 151 | 251 | 81 | 51.5 | TBC | 6.5-10.0 | Drake Freeride Power 500 + Drake Shallow 410 | 42-50 | Tuttle |
| 1012130601007 | GO 161 without center fin | 161 | 254 | 85 | 52 | TBC | 7.0-10.0 | Drake Freeride Power 500 + Drake Shallow 410 | 46-54 | Tuttle |

* Tufskin weights +6%. Weights are estimates based on last season's models. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.

Additional Information:

Please note that the Prokids GO has been renamed the GO 99.

INNOVATION QUALITY
STARBOARD



“COMPLETELY NEW SHAPES ACROSS THE RANGE”

Using the new Carve shapes, the GOs become wider and thinner for more stability and a wider wind-range

“STILL THE MOST FEATURE PACKED BOARD OF ITS CATEGORY”

Carry handles, full EVA decks, multiple insert positions, centre fin boxes..



GO Windsurfer
Tufskin EVA

GO Windsurfer Description

The GO Windsurfer is the GO 171 with an added daggerboard. This blend gives a unique freeride board that has plenty of width, plenty of volume, an exciting free ride and the ability to glide upwind in lightwinds.

The Clipperbox Daggerboard system also minimizes the disadvantage of having a daggerboard in a freeride shape: the daggerboard can be clipped out in an instant and the one-way rubber lips system prevents water from gushing through the daggerboard case at high speeds: the board remains light, crisp and free as it skims over the water.

- Starboard's progressive freeride board with an added daggerboard The Sports Car of windsurfing
- The board that takes you through the progressing stages of windsurfing, from planing and waterstarting to carve jibing, but also allows you to glide in lightwind conditions
- Unique daggerboard system makes the dual concept possible



Carve

| | |
|-------------------|---------|
| Top Speed | ★★★★★☆☆ |
| Average speed | ★★★★★☆☆ |
| Power | ★★★★★☆☆ |
| Comfort | ★★★★★☆☆ |
| User-friendliness | ★★★★★☆☆ |
| Maneuverability | ★★★★★☆☆ |
| Wind range | ★★★★★☆☆ |

GO Windsurfer

| | |
|-------------------|----------|
| Top Speed | ★★★★★☆☆ |
| Average speed | ★★★★★☆☆ |
| Power | ★★★★★☆☆ |
| Comfort | ★★★★★☆☆★ |
| User-friendliness | ★★★★★☆☆★ |
| Maneuverability | ★★★★★☆☆ |
| Wind range | ★★★★★☆☆★ |

The Message

GO WINDSURFING

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

From these ingredients came a simple idea: add a retractable daggerboard to make the GO Windsurfer the perfect board to crossover between high-wind freeride performance, entry-level windsurfing and summer-time light wind cruises.

The addition of Starboard's Clipperbox system however, is unlike adding just any a conventional daggerboard system. The new Starboard Clipperbox plays two key roles in making the GO Windsurfer concept special:

Firstly, the new Clipperbox system allows the daggerboard to be removed entirely from the board without tools, in a fraction of a second. Simply pull it out when not needed (to save weight), and push it back in when cruising in lightwinds and teaching friends and family.

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 daggerboard can be extracted but the water cannot gush through the board in full planing mode.

This simple innovation transforms the idea of adding daggerboard system to a freeride board as it no longer compromises full planing performance; no more draggy, slow, sticky feelings. The GO Windsurfer, with the daggerboard removed, planes and up rides just like a board without a daggerboard box.

Additional Information

Some may notice that in the GO range, the GO 151 and GO 171 of 2012 have been replaced by new sexy and slimmer shapes for 2013. But the GO Windsurfer keeps the same shape as before. Why has it not been upgraded to the slimmer concept along with the others?

The answer is simple: we tested the slimmer, wider shapes with a daggerboard and the loss of smooth gliding and the reduced length made the new shape inadequate for the Windsurfer concept.

If you compare the length and width of the GO Windsurfer 171 against the GO 161, you will see that the GO Windsurfer is longer and narrower. This gives it the better blend of non-planing glide and planing performance. It feels just right.



Key Features

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

Full soft EVA deck: comfort-
able for your feet, knees and
elbows. You get lots of grip
without the cuts or rashes.

Foostrap positions for every
level of sailing: beginner, inter-
mediates and advanced.



Carry handle in the nose:
makes carrying the board by
two people more convenient.

The GO Windsurfer is delivered
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 of the GO.



Availability

Tufskin EVA

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Tufskin) | Sail Range (m ²) | Fin | Fin Range | Fin box |
|---------------|---------------|--------------------|----------------|---------------|--------------------|---------------------|---------------------------------|--|--------------|---------|
| 1012130601008 | GO Windsurfer | 171 | 271 | 85.5 | 54.6 | TBC | 7.0-10.0 | Drake Freeride Power 520 + Drake Shallow 410 + Daggerboard 570 | 46-54 | Tuttle |

* Tufskin weights +6%. Weights are estimates based on last season's models. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.



ULTRASONIC

ULTRAPLANING

NEW!



UltraSonic
Carbon

UltraSonic
Wood

UltraSonic Description

The UltraSonic is the lightwind specialist among Starboard's iSonic family. It is designed to bring high levels of lightwind performance to the masses. It's easy, it's fast and it's really fun.

The 2013 UltraSonic is a new design, featuring the latest iSonic technology: new cutaway designs, heel extensions and a new, improved rockerline.



UltraSonic's position in the range

The UltraSonic is unique in the Starboard range. The best way to describe it is as the largest and widest of iSonic's. With ISAF and PWA limits set at 85cm in width, the UltraSonic is actually over the limit and therefore 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 inboard. Technically speaking, these virtues also make the UltraSonic the easiest slalom board in the world.

The UltraSonic is also often compared to the Formula. Like the Formula, the board is in the ultra wide category. Both also excel in lightwind performance, with incredible early planing abilities. However, the Formula is designed for the best possible upwind and downwind performance, which translates into too much power for sustained reaching angles. Maintaining a Formula board on long reaches will be burning back thighs. The UltraSonic however, is designed for reaching in and out, as most windsurfers prefer to do. It is much more comfortable and maneuverable than a Formula board. Most importantly, it is also faster on a reach than a Formula board.

- Starboard's ultra-lightwind recreational slalom board.
- Our earliest planing board together with the Formula
- The easiest slalom board in the world
- Incredibly efficient, it transforms the idea of what is possible in lightwinds.

Futura

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★☆☆ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★☆☆ |
| Wind range | ★★★★★ |

iSonic

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★☆☆ |
| User-friendliness | ★★☆☆☆ |
| Maneuverability | ★☆☆☆☆ |
| Wind range | ★★★★★ |

UltraSonic

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★☆☆☆☆ |
| Wind range | ★★★★★ |

iSonic Speed Specials

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★☆☆☆☆ |
| Power | ★☆☆☆☆ |
| Comfort | ★☆☆☆☆ |
| User-friendliness | ★☆☆☆☆ |
| Maneuverability | ★☆☆☆☆ |
| Wind range | ★☆☆☆☆ |

Formula

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★☆☆ |
| User-friendliness | ★★☆☆☆ |
| Maneuverability | ★☆☆☆☆ |
| Wind range | ★★★★★ |

Formula Experience

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★☆☆ |
| User-friendliness | ★★☆☆☆ |
| Maneuverability | ★★☆☆☆ |
| Wind range | ★★★★★ |



The Message

ULTRAPLANING

Ultra Efficient: with a width that stretches beyond the PWA's official limit, the UltraSonic is more efficient at creating planing lift, releasing itself from the water in the lightest of breezes to become the world's earliest-planing and easiest slalom board. Unlike Formula boards that are designed to go upwind and downwind, the UltraSonic is comfortable reaching in and out at maximum speeds.

Start planing on an UltraSonic and work your way effortlessly through lulls – it transforms the idea of lightwind windsurfing.

The UltraSonic design starts from the iSonic 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. Tacking, jibing and getting going becomes easier, more stable and more accessible.

The rail shapes under the footstraps are more comfortable and less boxy than the iSonics. This makes the board more comfortable, the straps are easier to get into and there is less burning-power in your back-thigh when fully powered.

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.

Very Deep Deck Concaves maximizes control by having the pivot point between sail and board kept low. The centre of gravity of the board is also lowered further to minimize undesired swing weight. The very deep deck concave also break the aerodynamic suction effect that often lifts the nose out of control in high winds. Last but not least, the gap between the sail and deck is eliminated and the mast track can be moved back to improve top end speed without compromising control

What's New

New cutaway shapes combined with 'side' cut outs and heel extension. This new planing surface shape has reduced wetted area for the same lift, which makes it more efficient. The fin gains more traction and the rider will feel like the board locks more on to its fin.

Most importantly, the width of the tail at the 'one-foot-off' remains the same: the board will maintain its ability to provide power, anti-roll stability through chop and acceleration out of a jibe.

Heel extensions allow the back foot to apply a positive pressure on the rail. Without the heel extension, the new side cut away shapes would have created a slippery angle of the rail and your back foot would fail to provide constant power.

New rockerline: due to the changes to the wetted surface area, the rockerline has been adjusted to match.

All in all, the new UltraSonic feels sharper, accelerates quicker and flies faster than ever.



Key Features

Extra long nose makes the board easier to get on to the plane, easier to tack, jibe and uphaul.

Very deep deck concave increases high-wind control

Extra-wide design makes the board very stable at low speeds and plane extremely early.

Heavily curved tail outline reduces tail width to create maximum reaching speed without the burning-thighs syndrome.

New side cut away with heel extensions

New rockerline

Ultra efficient planing hull design directly drawn from the iSonics

New cut away shapes for even more efficiency



Old

New

Additional information

Slalom fins in the right size and the right design may be harder to find than smaller slalom fins. Furthermore, the UltraSonic is aimed at the recreational market, not the pros who will have their special quiver of racing fins. For these reasons, the UltraSonic is supplied with a fin, unlike the other iSonics that are supplied without fin.

Availability

Carbon, Wood

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Carbon) (kg) | Weight (Wood) (kg) | Sail Range (m ²) | Fin | Fin Range (cm) | Fin box |
|--------------------------------|--------------------------------------|-----------------|-------------|------------|-----------------|----------------------|--------------------|------------------------------|-----------------|----------------|----------------|
| 1010130101010 1010130301010 | Ultrasonic Wood Ultrasonic Carbon | 147 | 240 | 93 | 64.4 | 8.07 | 9.1 | 7.8-12.0 | Drake R13 58 | 54-62 | Deep Tuttle |

*Wood and Carbon weights are subject to +5% tolerance. These weights are estimate figures. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.



DREAM TEAM
ARTHUR BRUTKIN

KODE TUF-SKIN

DUAL CONCEPT

INNOVATION QUALITY
STARBOARD



Kode Tufskin

Kode Tufskin Description

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.

For 2013, the 123 and 113 sizes are new. The 137 keeps the same shape.

- Starboard's dual concept board
 - An entry-level board for the kids
 - An advanced freerider for adults
 - New 113 and 123 shapes
-



Kode Tufskin

| | | |
|--------------------------|-------|--------|
| Stability | ★★★★★ | |
| Glide | ★★★☆☆ | |
| Non-planing fun | ★★★☆☆ | |
| Planing fun | ★★★★★ | |
| Suitable for starting | ★★★★★ | (Kids) |
| Suitable for progressing | ★★★★★ | |

Start

| | | |
|--------------------------|-------|---|
| Stability | ★★★★★ | ★ |
| Glide | ★★★☆☆ | |
| Non-planing fun | ★★★☆☆ | |
| Planing fun | ★★★☆☆ | |
| Suitable for starting | ★★★★★ | ★ |
| Suitable for progressing | ★★★★★ | |

Rio

| | | |
|--------------------------|-------|--|
| Stability | ★★★★★ | |
| Glide | ★★★★★ | |
| Non-planing fun | ★★★★★ | |
| Planing fun | ★★★★★ | |
| Suitable for starting | ★★★★★ | |
| Suitable for progressing | ★★★★★ | |

Design Performance

What makes the Kode Tufskins unique?

First of all, it's their shape. They are very compact: short and wide. This makes them very stable and maneuverable for kids to learn and progress with. For adults, this compact shape makes the board maneuverable, fast and fun.

Secondly, the Kode Tufskins are loaded with features and parts that allow the board to fully adapt to its dual purpose. They are also supplied with three fins and are fitted with two fin boxes.

This allows them to be fitted with a beginner's fin set up, an intermediate's fin set up, or an advanced rider's fin set up.

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

What's New

The 113 and 123 models have followed the same shape upgrade as the 2013 Kode Freemoves:

The new rails come from the Flares. These new rails have less tuck under for harder edges: you get more acceleration and quicker planing. With reduced volume above the apex, they bite hard and feel very aggressive, giving the rider a very sharp, precise and exciting sensation when maneuvering the board. The volume behind the back foot has also been increased following the influence of the Flares: this gives the board more float when accelerating on to the plane and coming out of jibes. Both models have been shortened down to make them yet more maneuverable, more responsive and feel lighter. New 5mm sponge pads for perfect comfort and slightly longer cut-aways for extra speed complete the upgrade.



Key Features

Compact shape still packs plenty of volume. For 2013, the 113 and 123 are shorter yet again

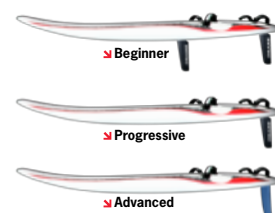
Centre carry handle makes handling the board on land easy

Soft EVA deck for maximum comfort

Multiple insert positions for beginner / intermediate / expert settings



113/123: New rails come from the Freestyle Flares: fast, hard rails for quick planing and acceleration. The reduced thickness above the apex accentuate the bite and grip when carving.



Two fin boxes and three supplied fins allow for beginner / intermediate / expert settings

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

113/123: New increased tail thickness adds to the tails ability to float out of turns and help to pop the board on to the plane.

Availability

Tufskin EVA

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Tufskin) (kg) | Sail Range (m ²) | Fin | Fin Range (cm) | Fin box |
|---------------|------------------|-----------------|-------------|------------|-----------------|-----------------------|------------------------------|--|----------------|------------|
| 1004130501001 | Kode Tufskin 113 | 113 | 231 | 67.5 | 44.1 | 9.3 | 2.0-8.5 | Drake Freeride Glide 380 + Drake Shallow 310 | 26-40 | 2 x Tuttle |
| 1004130501002 | Kode Tufskin 123 | 123 | 235 | 71.5 | 46.3 | 9.7 | 2.0-9.0 | Drake Freeride Glide 400 + Drake Shallow 310 | 28-42 | 2 x Tuttle |
| 1004130501003 | Kode Tufskin 137 | 137 | 246 | 74.5 | 47.3 | 10.06 | 2.0-9.5 | Drake Freeride Glide 420 + Drake Shallow 310 | 30-44 | 2 x Tuttle |

*Tufskin weight +6%. Weights are estimates based on last season's models. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.



WINDSURF

WIND-POWERED PADDLEBOARDING



DREAM TEAM
CONOR BAXTER

INNOVATION QUALITY
STARBOARD



| WindSUP 9 | WindSUP 10 | WindSUP 12 | WindSUP 12'6" |
|--------------|---------------|---------------|------------------|
| A.S.A.P. | Silver | Silver | Silver |

WindSUP Description

The boards for SUPing and windsurfing in one: the Starboard WindSUPs. WindSUPing is the fastest growing category of windsurfing, tripling in size in the last 24 months.

Attracting new people to the water and following the explosive growth trends of stand-up paddleboarding all over the world, WindSUPing has become the new hot trend within windsurfing. As current windsurfers opt to buy a WindSUP for the family (because they will appreciate the windsurfing option) and as more and more pure paddleboarders try attaching a sail to their board, WindSUP promises to double the size of our market and bring renewed energy into the foundation of our sport.

Essentially, Starboard's WindSUPs utilize the same shape and fittings as their SUP models, but add a mast track and a retractable daggerboard. The range also includes one exceptional lightwind wave surfer specialist: the WindSUP Wave.

As windsurf boards, they bring back the essence of relaxed, summer windsurfing: sharing windsurfing with your friends and family, gliding along the coast powered by a gentle breeze and catching some waves.

As stand-up-paddle boards, they open up the door to the wonderful world of an entirely new sport: paddle boarding. Stand up, enjoy the view and paddle out to sea, explore the coast line and surf the waves.

The WindSUP range offers a variety of models, going from a fast glider, an ultra-stable model to a dedicated surfing model, as mentioned above. We will describe each model in more detail further down below.

For 2013, Starboard expands the line with new inflatable models and the 5x stronger A.S.A.P. construction option (As Strong As Possible)



WindSUP's position in the range

The WindSUPs are part of the 'Leisure' family of boards. This category of boards focuses on friends and family fun during the summer season, when the wind is generally lighter. They are not high-performance boards in the conventional sense. Instead, they seek to open up new ways to enjoy windsurfing and expand the boundaries of the sport we love – sometimes going as far as crossing over into other sports.

The WindSUPs are unique within the Leisure segment as they are the only models to combine windsurfing with the option to go SUPing when there is no wind. Sail power or paddle power? The WindSUPs offer both choices. As such, they are a great addition to any windsurfer's quiver or the perfect choice for a sporting family wanting to enjoy the wind and water.

- Starboard's crossover stand-up and windsurfing boards: windSUP boards.
- They provide the advanced freerider incredible speed, a very wide wind range and high-speed jibing abilities
- New inflatable option
- New A.S.A.P. construction option (As Strong As Possible)

Kode Tufskin

| | |
|--------------------------|--------------|
| Stability | ★★★★★ |
| Glide | ★★★★★ |
| Non-planing fun | ★★★★★ |
| Planing fun | ★★★★★ |
| Suitable for starting | ★★★★★ (Kids) |
| Suitable for progressing | ★★★★★ |

WindSUP

| | |
|--------------------------|-------|
| Stability | ★★★★★ |
| Glide | ★★★★★ |
| Non-planing fun | ★★★★★ |
| Planing fun | ★☆☆☆☆ |
| Suitable for starting | ★★★★★ |
| Suitable for progressing | ★☆☆☆☆ |

Start

| | |
|--------------------------|---------|
| Stability | ★★★★★ ★ |
| Glide | ★★★★★ |
| Non-planing fun | ★★★★★ |
| Planing fun | ★★★★★ |
| Suitable for starting | ★★★★★ ★ |
| Suitable for progressing | ★★★★★ |

Rio

| | |
|--------------------------|-------|
| Stability | ★★★★★ |
| Glide | ★★★★★ |
| Non-planing fun | ★★★★★ |
| Planing fun | ★★★★★ |
| Suitable for starting | ★★★★★ |
| Suitable for progressing | ★★★★★ |



The Message

WIND-POWERED PADDLEBOARDING

They connect the world of windsurfing and stand-up paddle boarding. Paddle power or sail power? You can choose either. Surf the local break, cruise the lagoons with the kids, teach them to windsurf or sail out into the open ocean when the breeze kicks in: the WindSUPs have an all-round appeal that have made them the best seller of 2012.

Looking for light-wind glide, extra stability or light wind wave riding? The WindSUPs are available in many shapes each with their own special emphasis. New for 2013: a collection of inflatable models available in four sizes: 10' x 34", 11'2" x 32", 11'2" x 39", 12'6" x 30" Touring, and the new 5x stronger A.S.A.P construction (As Strong As Possible), available in three sizes.

Design and Performance

The WindSUP Wave 8'10 - the ultra-compact, radical surfing shape with lots of volume and float, blending the best of lightwind wave riding as a windsurfer and a maneuverable surfing stand up paddle board in one. As a windsurfer, it's the easiest and most efficient wave board that lets you catch waves non-stop, all day long, whether conditions are planing or not. With plenty of volume and float in the rails, there is no easier ticket to wave sailing. As a stand up paddle board, the ultra-compact shape maneuvers and responds with a drive that longer SUP surfers just can't match. The WindSUP Wave: two totally new wave riding experience in one board, starting from knee-high waves, with or without wind.

The WindSUP 12'6 - the longest and most slender board known as the Cruiser. It'll glide beautifully whether windsurfing or paddling and includes a fully retractable daggerboard.

The WindSUP 12' - the most stable board known as the Big Easy. It's a solid platform for even the heaviest of riders. Great for riding with a paddle or a rig. Includes a fully retractable daggerboard.

The WindSUP 10' - the favourite all-rounder and known as the best selling Whopper. A fabulous paddle board which performs very well in the waves and at the same time doubles as a cool entry level Windsurfer. The Silver includes a thruster fin set up and a retractable daggerboard. The A.S.A.P. model sports a Thruster fin set up and a Tuttle box Drake Shallow 410 center fin.

The WindSUP 9' - the most compact model, ideal for younger sailors. Available in A.S.A.P. only and supplied with a set of thruster fins, a set of sidebiter fins and a tail centre fin



Key Features

WindSUP 12'6, 12 and 10

12'6, 12 and 10 WindSUP models include a daggerboard for improved light-wind gliding

Full EVA deck

The WindSUP 10 includes a thruster fin set up



WindSUP Wave 8'10

8'10 is the lightwind wave surfing model

Front footstraps can be used when windsurfing waves, for added control

Thruster fin set up





What's New?

New inflatable models are now available. Starboard becomes the first to introduce inflatable WindSUPs in the World! See the Inflatable WindSUP page for more details.

The Slick technology from 2011/2012 has been replaced with a new technology: A.S.A.P. As Strong As Possible.

This new technology remains a price-point option, yet its resistance to impact has increased by a factor of 5. Dropping a round, 10kg steel ball have shown standard AST technology to start cracking when the weight is dropped from a height of 20cm. For the A.S.A.P. construction, the skin doesn't crack until the height exceeds 100cm!

Compared to the outgoing Slick technology, A.S.A.P. is also easy to repair with regular fiberglass and epoxy.

Additional information

Interested in the WindSUP vision? Be sure to check out the WindSUP Sail Package and Starboard's Friends and Family program. Information on the former can be found in the product guide (sail section) and information on the latter can be found on our website home page.

| Name | Silver | A.S.A.P. |
|-------------------|--------|----------|
| WindSUP Wave 8'10 | ✓ | |
| WindSUP 12'6 | ✓ | |
| WindSUP 12' | ✓ | ✓ |
| WindSUP 10' | ✓ | ✓ |
| WindSUP 9' | | ✓ |



Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight Tufskin AST (kg) | Weight Slick (kg) | Sail Range (m ²) | Fin | Fin box |
|---------------|---------------------------|--------------------|----------------|---------------|--------------------|----------------------------------|-------------------------|---------------------------------|---|--------------------------------------|
| 1016130601001 | WindSUP Wave 8'10" Silver | 142 | 271 | 80 | 48.3 | 10.4 | | 4.7-6.5 | Starboard Hexcel 190 + 2 x FCS Hexcel 4.7 | 2 x Surfzinz + US 8" |
| 1016130001001 | WindSUP 9' A.S.A.P. | 137 | 277 | 77.5 | 46.2 | | 10.9 | 4.7-6.0 | 2 x F5 Soft + 2 x F5 Stiff + Tail Fin | US 8" + 4 DFS Box " |
| 1016130001002 | WindSUP 10' A.S.A.P. | 191 | 306 | 85.5 | 46.5 | | 12.6 | 4.0-7.0 | Drake Shallow 410 + 2 x F5 Stiff + Tail Fin + Plugs | US 8" + 2 x DFS Box + Tuttle |
| 1016130601002 | WindSUP 10' Silver | 191 | 306 | 85.5 | 46.5 | 13.4 | | 4.0-7.0 | SUP 6" 3/4 + 2x M7 + Daggerboard 570 | US 8" + 2 x Mini Tuttle + Clipperbox |
| 1016130001003 | WindSUP 12' A.S.A.P. | 205 | 370 | 82 | 42.6 | | 15.2 | 4.5-7.5 | Drake Shallow 410 +Tail Fin + Plugs | US 10" + 4 x DFS Box |
| 1016130601003 | WindSUP 12' Silver | 205 | 370 | 82 | 42.6 | 14.86 | | 4.5-7.5 | SUP 9" + Daggerboard 570 | US 10" + Clipperbox |
| 1016130601004 | WindSUP 12'6" Silver | 202 | 380 | 76.5 | 40.4 | 14.4 | | 4.5-7.5 | SUP 9" + Daggerboard 570 | US 8" + Clipperbox |



“INTRODUCING WIND-POWERED SUP”

Paddle power or sail power, the WindSUPs offer both worlds.

“RE-INTRODUCING WINDSURFING”

Enjoy light wind cruising, light wind waveriding and share windsurfing with friends and family.



WINDSUP INFLATABLE

REINVENTING THE INFLATABLE WINDSURFER

DREAM TEAM
DANNY BRUCH

DREAM TEAM
DEX NATTHAPORN



STARBOARD



**WindSUP
Inflatable
10'x34"**
Silver

**WindSUP
Inflatable
11'2" x 32"**
Silver

**WindSUP
Inflatable
11'2" x 39"**
Silver

**WindSUP
Inflatable
12'6" Touring**
Silver



**WindSUP
Inflatable
10'x34"**
with Daggerboard
Silver/Orange

**WindSUP
Inflatable
11'2" x 32"**
with Daggerboard
Silver/Orange

**WindSUP
Inflatable
11'2" x 39"**
with Daggerboard
Silver/Orange

**WindSUP
Inflatable
12'6" Touring**
with Daggerboard
Silver/Orange

WindSUP Inflatable Description

Starboard's new WindSUP Inflatables: reinventing the inflatable concept for windsurfing and stand-up paddleboarding.

Available in four sizes, you can choose between the centre fin version and the daggerboard version. The Daggerboard version is available in Silver or bright Orange.

- WindSUP Inflatable 10' x 34": based on the famous Whopper shape, this is the ideal all rounder
- WindSUP Inflatable 11'2" x 32": for those who prefer more glide and longitudinal traction
- WindSUP Inflatable 11'2" x 39": the super stable option and our test team's favourite. Since the boards are deflatable, why not go for the biggest and most stable width?
- WindSUP Inflatable 12'6" x 32" Touring: the fastest option with the smoothest glide

The WindSUP Inflatables are toolless: using Starboard's proprietary FAST box and Clipperbox systems, you simply inflate the boards halfway, insert the boxes into place and pump the boards to the full pressure of 17 psi. The FAST box fits US box fins and regular windsurfing mast bases.

Lighter and tougher than regular hard boards, these boards are seriously fun toys for the windsurfing/paddleboarding family, for schools and for clubs. They glide nicely, they're safe because you can't bump your head against them and they can be treated with minimal care. Drop them on the ground and they simply bounce.

For boat owners, this is the hassle-free board to have onboard. They won't damage your boat and deflated, they roll up into a compact bag.



WindSUP 's position in the range

Like the WindSUPS, the WindSUP Inflatables open up new ways to enjoy windsurfing and expand the boundaries of the sport. With the ability to switch between sail power and paddle power, the WindSUP Inflatables make a very attractive proposition for the beach-going family.

Deflated, boards can be stored conveniently in a compact bag and thrown into the back of any car. They give schools, clubs and boat owners the opportunity to use a board that is tougher and safer than hard boards.

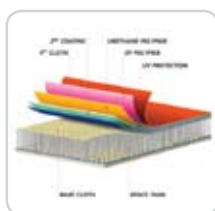
For all users, they are also lighter and easier to handle than hard boards.

- Starboard's inflatable crossover stand-up and windsurfing boards: WindSUP Inflatable.
- Suitable for paddle boarding, paddle-surfing and windsurfing
- New inflatable option is lighter, tougher and safer than hard boards.
- Available in four sizes, with a centre fin system or a daggerboard system.
- Daggerboard version is available in Silver or Orange.

The Message

REINVENTING THE INFLATABLE WINDSURFER

Design and Performance



Starboard's WindSUP Inflatables are built in super tough and durable 6" drop-stitched fabric and covered in a full EVA deck.

The 6" thick drop-stitched fabric gives the boards a lot of stiffness, making them feel rigid and firm under your feet. Windsurfing on these boards feels more comfortable and fun than any hard board.



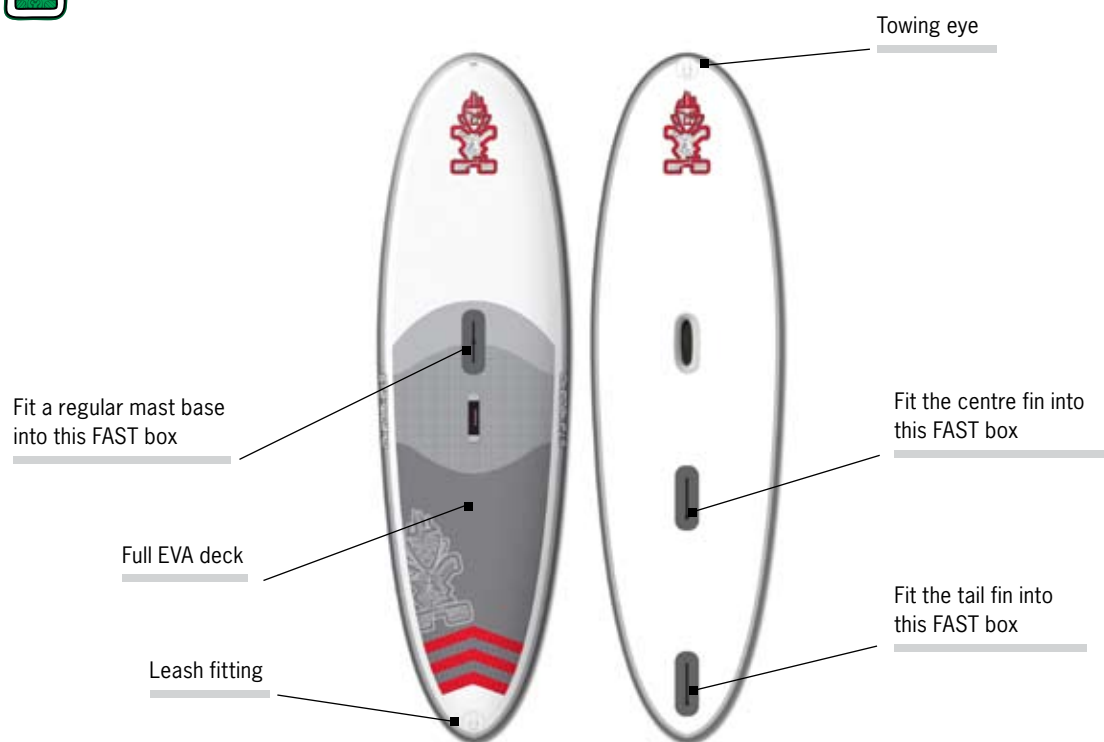
Starboard's proprietary FAST box is used as both the fin box and the mast box. It fits in the board without any tools.



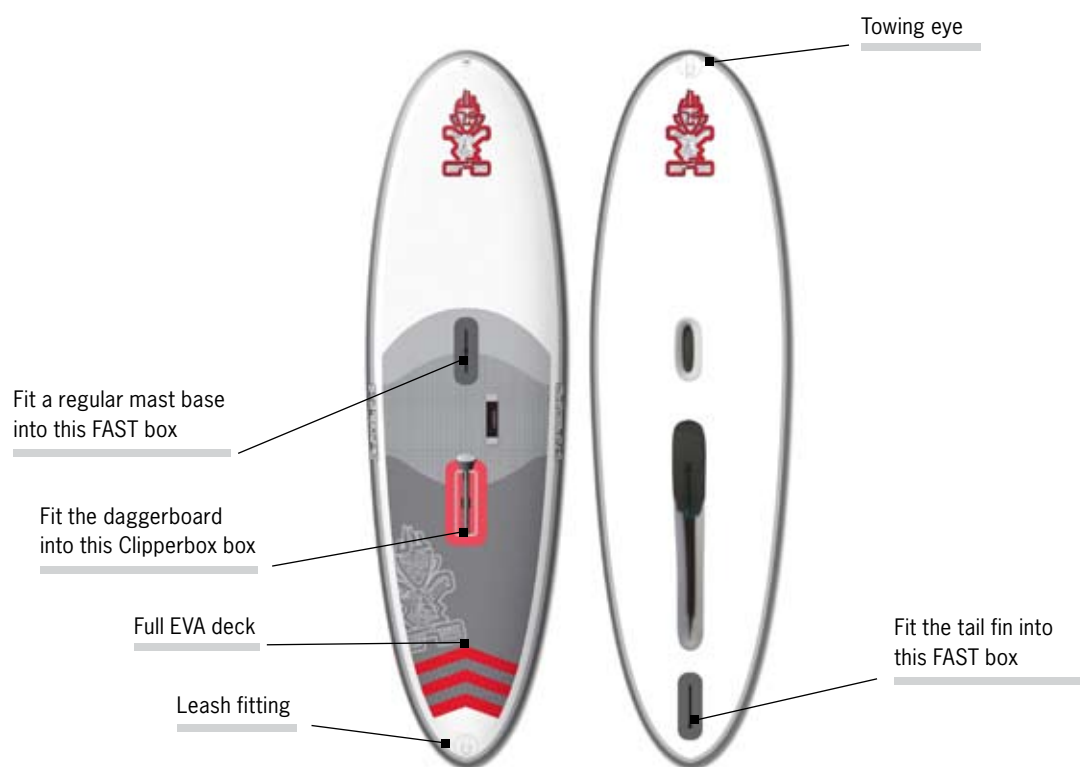
The daggerboard system uses the Clipperbox system, a durable and bulletproof design that uses clips to hold the daggerboard up or down.



Key Features



Centre Fin Version



Daggerboard Version



Availability

| Name | Silver | Silver with Daggerboard | Orange with Daggerboard |
|--|--------|-------------------------|-------------------------|
| WindSUP Inflatable 10' x 34" | ✓ | ✓ | ✓ |
| WindSUP Inflatable 11'2" x 32" | ✓ | ✓ | ✓ |
| WindSUP Inflatable 11'2" x 39" | ✓ | ✓ | ✓ |
| WindSUP Inflatable 12'6" x 32" Touring | ✓ | ✓ | ✓ |

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (kg) | Sail Range (m ²) | Fin | Fin box |
|---------------|--|-----------------|-------------|------------|-----------------|-------------|------------------------------|--------------------------------------|-----------------------|
| 1016130001004 | WindSUP Inflatable 10' Silver | 300 | 314 | 87 | 43.9 | TBC | 2.5-7.0 | 2 x Drake Shallow 220 | 2 x Fast Box |
| 1016130001006 | WindSUP Inflatable 11'2" Silver | 330 | 338 | 83.5 | 43.1 | TBC | 3.0-7.0 | 2 x Drake Shallow 220 | 2 x Fast Box |
| 1016130001008 | WindSUP Inflatable 11'2" x 39" Silver | 405 | 341 | 99 | 73.15 | TBC | 3.5-7.5 | 2 x Drake Shallow 220 | 2 x Fast Box |
| 1016130001010 | WindSUP Inflatable 12'6" Silver | 302 | 386 | 78 | 35.4 | TBC | 4.5-7.5 | 2 x Drake Shallow 220 | 2 x Fast Box |
| 1016130001005 | WindSUP Inflatable 10' Silver with Daggerboard | 300 | 314 | 87 | 43.9 | 10.46 | 2.5-7. | Drake Shallow 220 + Dagger-Board 570 | Fast Box + Clipperbox |
| 1016130001012 | WindSUP Inflatable 10' Orange with Daggerboard | | | | | | | | |
| 1016130001007 | WindSUP Inflatable 11'2" Silver with Daggerboard | 330 | 338 | 83.5 | 43.1 | 10.97 | 3.0-7.0 | Drake Shallow 220 + Dagger-Board 570 | Fast Box + Clipperbox |
| 1016130001013 | WindSUP Inflatable 11'2" Orange with Daggerboard | | | | | | | | |
| 1016130001009 | WindSUP Inflatable 11'2" x 39" Silver with Daggerboard | 405 | 341 | 99 | 73.15 | TBC | 3.5-7.5 | Drake Shallow 220 + Dagger-Board 570 | Fast Box + Clipperbox |
| 1016130001014 | WindSUP Inflatable 11'2" x 39" Orange with Daggerboard | | | | | | | | |
| 1016130001011 | WindSUP Inflatable 12'6" Silver with Daggerboard | 302 | 386 | 78 | 35.4 | 11.76 | 4.5-7.5 | Drake Shallow 220 + Dagger-Board 570 | Fast Box + Clipperbox |
| 1016130001015 | WindSUP Inflatable 12'6" Orange with Daggerboard | | | | | | | | |



RIO

THE EASY CHOICE



DREAM TEAM
IBALLA MORENO
2011 PWA WAVE VICE CHAMPION

INNOVATION QUALITY
STARBOARD



Rio M

**Rio M
Sport**

**Rio M
Armour
Tech**

Rio Description

The Rios are Starboard's entry-level all-round boards. They cover learning, progressing and planing for the first time.

They are considered all-rounders because they are equally good at providing stability for beginners to learn and providing power for progressing windsurfers to get planing smoothly. Once planing, the Rios feel responsive and fun.

The Rios advanced shape and fittings make them by far the most thoroughly designed entry-level board on the market today.

- Starboard's entry-level all-round boards
 - Stable for beginners, easy to plane for intermediates, responsive and fun for experts.
 - The most advanced entry-level all-round design available
-



Comparison Score Chart

Kode Tufskin

| | | |
|--------------------------|-------|--------|
| Stability | ★★★★★ | |
| Glide | ★★★☆☆ | |
| Non-planing fun | ★★★☆☆ | |
| Planing fun | ★★★★★ | |
| Suitable for starting | ★★★★★ | (Kids) |
| Suitable for progressing | ★★★★★ | |

Rio

| | | |
|--------------------------|-------|--|
| Stability | ★★★★★ | |
| Glide | ★★★★★ | |
| Non-planing fun | ★★★★★ | |
| Planing fun | ★★★★★ | |
| Suitable for starting | ★★★★★ | |
| Suitable for progressing | ★★★★★ | |

Start

| | | |
|--------------------------|-------|---|
| Stability | ★★★★★ | ★ |
| Glide | ★★★☆☆ | |
| Non-planing fun | ★★★☆☆ | |
| Planing fun | ★★★☆☆ | |
| Suitable for starting | ★★★★★ | ★ |
| Suitable for progressing | ★★★☆☆ | |

The Message

THE EASY CHOICE

Their long and wide shapes provide plenty of stability for even the most nervous beginners. They are also fast with a smooth glide in light winds. For advanced riders, the longer, narrower shape combined with the inboard heel-recesses and a strong daggerboard allows the board to power upwind off the leeward rail. As the wind speed increases, the Rio S, M and L's extra wide tail derived from Formula racing boards provides the early planing, the high speeds and the high performance racing fun that have made it a best seller in the all-wind windsurfing category.

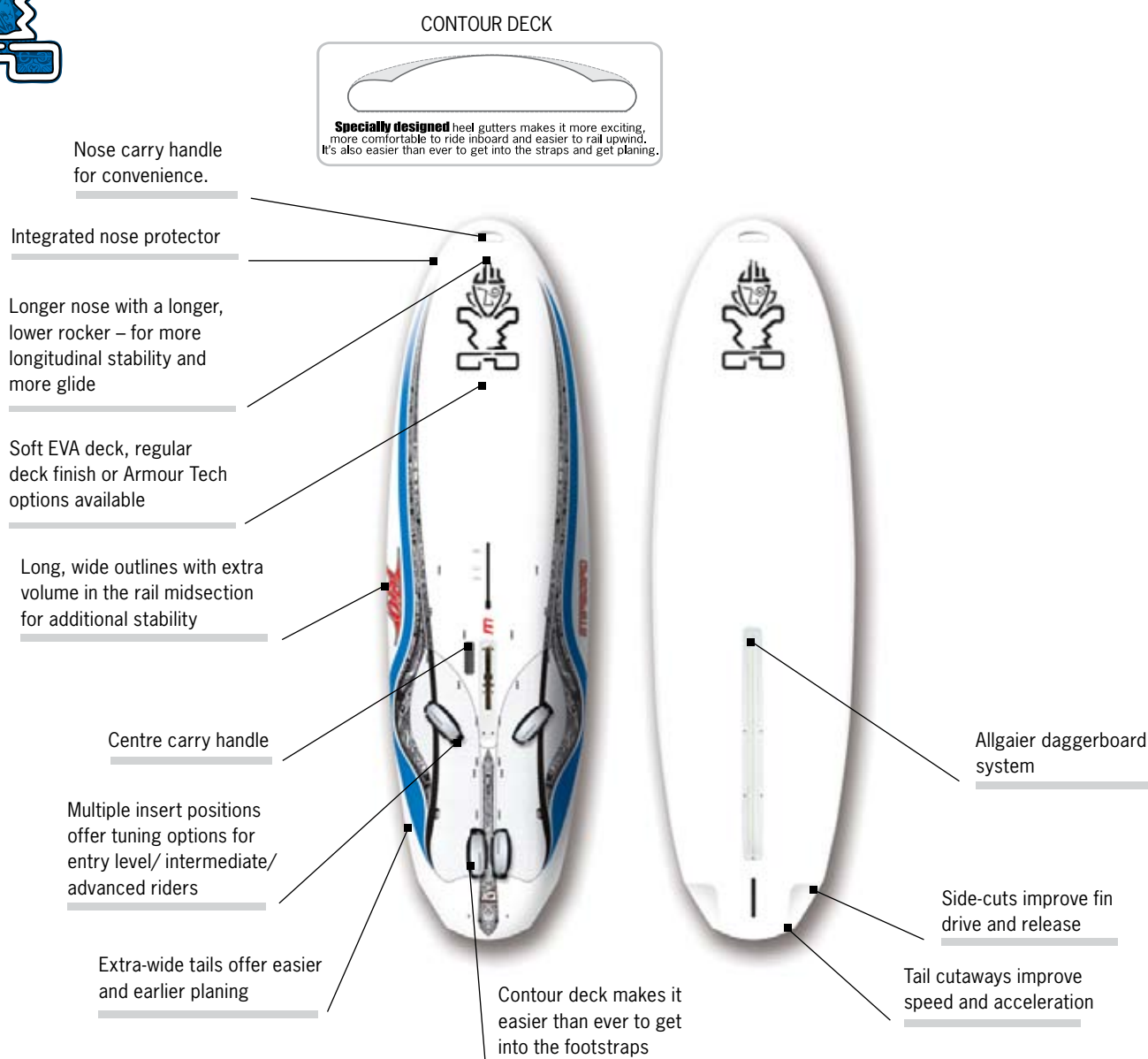
The soft EVA deck option is the best choice for those who want comfort above everything else. The deck of the board is covered in a soft, grippy and grooved EVA sheet 2 to 6 mm thick. The bottom and rails of the board are reinforced with a thin ASA plastic skin for extra impact and scratch resistance.

The Sport is the lighter, high performance version of the Rio. The EVA deck is replaced with a conventional non-slip finish and the bottom has no ASA plastic skin to save further weight.

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



Key Features



Availability

Rio, Rio Sport, Rio Armour Tech

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Tufskin EVA) (kg) | Weight (Tufskin Sport) (kg) | Weight (Armour Tech) (kg) | Sail Range (m ²) | Fin | Fin Range | Fin box |
|---|--|-----------------|-------------|------------|-----------------|---------------------------|-----------------------------|---------------------------|------------------------------|-------------------------------------|-----------|--------------------------|
| 1011130601001 1011130601008 1011130601004 | Rio S Rio Sport S Rio S Armourtech | 180 | 269 | 76.0 | 56.2 | 12.87 | 12.2 | 15.2 | 2.0-9.5 | Drake Shallow 310 + Daggerboard 620 | 31-41 | Tuttle 3 Holes + Algaier |
| 1011130601002 1011130601009 1011130601005 | Rio M Rio Sport M Rio M Armourtech | 206 | 289 | 81.5 | 59.0 | 14.16 | 13.9 | 17.4 | 2.0-9.5 | Drake Shallow 410 + Daggerboard 620 | 31-41 | Tuttle 3 Holes + Algaier |
| 1011130601003 1011130601010 1011130601006 | Rio L Rio Sport L Rio L Armourtech | 233 | 300 | 85.5 | 67.5 | 15.12 | 15.1 | 18.2 | 2.0-9.5 | Drake Shallow 410 + Daggerboard 620 | 31-41 | Tuttle 3 Holes + Algaier |

* Tufskin weights +6%. Weights are estimates based on last season's models. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.



Rio XL
Armour
Tech

Rio XL Description

The Rio XL is a special board in the Rio family. It is developed for schools that prefer long, narrow shapes that give the most glide and longitudinal traction.

It is a school-only board, available only in Armour Tech and is finished all-white to make repairs and maintenance easy. The deck is finished in conventional non-slip.



Key Features

Nose hole allows the board to be towed or safely locked.



Armour Tech construction - offers the most impact resistant technology in a beginner boards – it is lighter and more resistant than even polypropylene plastic boards. Double thickness, double layered construction makes the board extra beefy for extra durability. The deck, bottom and rails of the board are reinforced with a thin ASA plastic skin for extra impact and scratch resistance.

Extra Long shape offers maximum lightwind speed and glide for beginners

All-white finish - makes repair and maintenance work easy.

Moderate width offers sufficient lateral stability for beginners

Allgaier daggerboard system - offers convenience and reliability for schools currently equipped with boards using the Allgaier system.

Shallow 22cm tail fin to help keep the board tracking straight yet easy to maneuver



Availability

Rio Armour Tech

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Armour Tech) (kg) | Sail Range (m ²) | Fin | Fin box |
|---------------|-------------------|-----------------|-------------|------------|-----------------|---------------------------|------------------------------|---|-----------------|
| 1011130601007 | Rio XL Armourtech | 266 | 336 | 82.5 | 48.1 | 18.01 | 2.0-9.5 | Drake Shallow FRN 220 + Daggerboard 620 | US 8" + Algaier |

* Tufskin weights +6%. Weights are estimates based on last season's models. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.



“THE WORLD’S MOST POPULAR ENTRY LEVEL BOARD”

Learn on it and progress from smooth gliding to full planing and all on one board



START

START WINDSURFING



DREAM TEAM
IBALLA MORENO
2011 PWA WAVE VICE CHAMPION

innovation quality
STARBOARD



Start Blue
Tufskin

Start Red
Tufskin



Specially designed heel gutters makes it more exciting, more comfortable to ride inboard and easier to rail upwind. It's also easier than ever to get into the straps and get planing.

Start Description

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.

- Starboard's super stable entry-level boards
- Extra stable for beginners, easy and smooth to get planing for intermediates



Comparison Score Chart

| Kode Tufskin | | Rio | |
|--------------------------|--------------|--------------------------|-------|
| Stability | ★★★★★ | Stability | ★★★★★ |
| Glide | ★★★☆☆ | Glide | ★★★★★ |
| Non-planing fun | ★★★☆☆ | Non-planing fun | ★★★★★ |
| Planing fun | ★★★★★ | Planing fun | ★★★★★ |
| Suitable for starting | ★★★★★ (Kids) | Suitable for starting | ★★★★★ |
| Suitable for progressing | ★★★★★ | Suitable for progressing | ★★★★★ |

| Start | |
|--------------------------|---------|
| Stability | ★★★★★★★ |
| Glide | ★★★★★☆☆ |
| Non-planing fun | ★★★★★☆☆ |
| Planing fun | ★★★★★☆☆ |
| Suitable for starting | ★★★★★★★ |
| Suitable for progressing | ★★★★★☆☆ |

The Message

START WINDSURFING

The original ultra-wide Start from 1999 was the board that changed windsurfing from a difficult sport to learn into a sport that you could learn in just 60 minutes. The 2012 Start M and L have been lengthened to 300cm to hugely improve the boards' glide in lightwinds.

With the longer length, the profile of the board can be flattened, which also allows the board to gradually transition into planing mode – smoothly and easily, without the need to overcome a power surge.

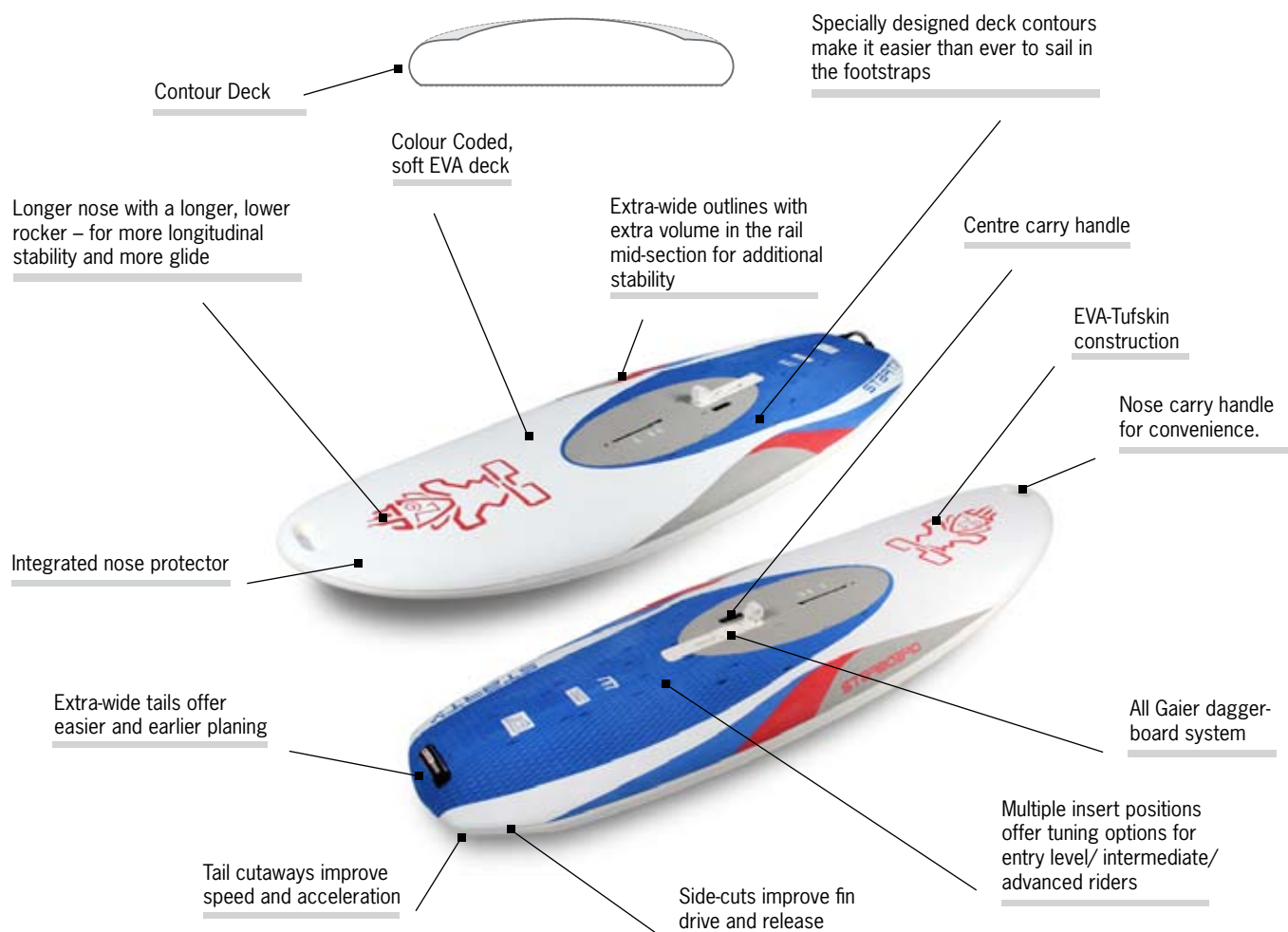
The Start's tail design is also wider than any other entry-level board. This allows the Start to get planing earlier, at lower speeds. Again, this helps beginners to plane smoothly and easily.

What's New

For 2013, the Start family remain the same as in 2012. In 2012, the Start M and L have been lengthened by 10cm, reaching the 300cm mark. The rockerlines have been flattened to improve gliding speed and make the transition to planing smooth and easy.



Key Features



Availability

Tufskin EVA

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Tufskin) (kg) | Sail Range (m ²) | Fin | Fin Range | Fin box |
|--------------------------------|---------------------------------|-----------------|-------------|------------|-----------------|-----------------------|------------------------------|--|-----------|-----------------------------|
| 1013110501002 1013110501001 | Start M (RED) Start M (BLUE) | 238 | 284 | 94.5 | 74.3 | 15.62 | 2.0-9.5 | Drake Shallow 410 + Daggerboard 620 | 31-70 | Tuttle 3 Holes + Algaier |
| 1013110501004 1013110501003 | Start L (RED) Start L (BLUE) | 246 | 285 | 100.5 | 81.1 | 15.88 | 2.0-9.5 | Drake Shallow 410 + Daggerboard 620 | 31-70 | Tuttle 3 Holes + Algaier |

*Tufskin weight +6%. Weights are estimates based on last season's models. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.



“SIMPLY THE MOST STABLE AND EASIEST BOARD TO LEARN ON”

Learn on it and progress from smooth gliding to full planing and all on one board



GEMINI

THE RETURN OF THE GEMINI



DREAM TEAM
CHRIS MURRAY & JAY HAYSEY
GLOBALSHOTS.CO.UK

IMPROVE YOUR QUALITY
STARBOARD



Gemini MK II
Tufskin

Gemini Description

The Gemini Mk II is Starboard's second generation tandem board. Being the first wide-style tandem windsurfer, the original Gemini transformed the idea of sharing windsurfing. With its wide-body 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.

The new Gemini Mk II offers a quantum leap over the original Gemini and has become by far the fastest, most comfortable and natural feeling tandem we have ever designed.

- Starboard's wide-body tandem board
 - The second generation design
-



The Message

THE RETURN OF THE GEMINI

Extra long shape

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

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

Deck Contour Design

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.

Forward Daggerboard position:

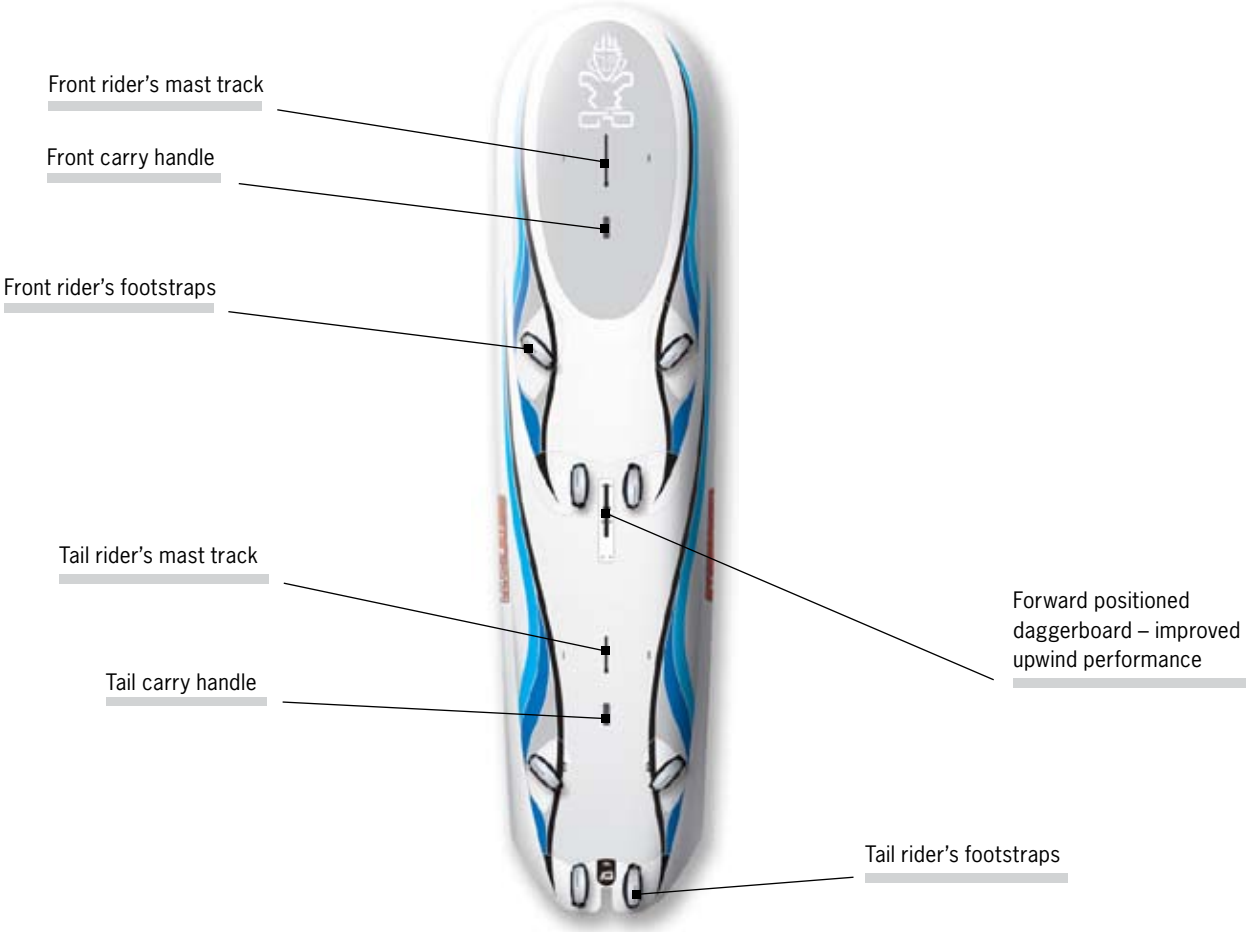
The new daggerboard is now operated by the front rider. The daggerboard is positioned much more forward in the board, improving the leverage the daggerboard has to track you upwind. The speed and angle the new Gemini has upwind is drastically improved, in either planing or non planing mode.

Construction

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



Key Features



Availability

Tufskin AST

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Tufskin) (kg) | Sail Range (m ²) | Fin | Fin Range (cm) | Fin box |
|---------------|----------------|-----------------|-------------|------------|-----------------|-----------------------|------------------------------|---|----------------|-----------------------|
| 1014130601001 | Gemini Mark II | 384 | 399 | | 87.2 | 27.3 | 3.5-11.0 | Drake R13 Race 700 NR + Daggerboard 620 | 40-70 | Deep Tuttle + Algaier |

* Tufskin weight +6%. Sail range and fin range are recommended indications.



“THE MOST FUN AND SOCIAL BOARD ON THE PLANET”

A must for every school, club and centre



PHANTOM RACE

ROCKET SCIENCE

INNOVATION QUALITY
STARBOARD



**Phantom
Race 320**
Tufskin

**Phantom
Race 377 Bat Wing**
Carbon



World
Champion

Phantom Race Description

The Phantom Race 377 Bat Wing and 320 are Starboard's raceboards. Raceboarding is the classic racing class that is thriving with renewed enthusiasm at the moment.

Raceboarding, organized and sanctioned by ISAF, has always been popular thanks to its ability to deliver exciting racing in both planing and non-planing conditions. Through natural evolution, the winning designs tend to be long and slender, and they always include daggerboards and adjustable mast tracks. The list of eligible boards is available on ISAF's website. As the newest board to be registered, Starboard's new Phantom Race 377 has been race-legal since January 2012. The largest sail size allowed for raceboarding is 9.5m².

The Phantom Race 377 Bat Wing is Starboard's third generation raceboard that replaces the outgoing 380. The board is truly innovative in many aspects, featuring bat-wings, slanted mast tracks and heel extensions.

In June 2012, the Phantom 377 was crowned Raceboard World Champion, under the feet of World Champion Max Wojcik.

The Phantom Race 320 is designed to win the Hybrid 320 segment of the Raceboarding class. This hybrid segment limits the maximum length to 320cm and allows for designs up to 100cm wide.



Phantom Race's position in the range

As stand-alone raceboard models, the Phantom Race 377 Bat Wing and 320 set themselves apart as the boards designed 100% for raceboard competitions. The 377 Bat Wing is for the raceboard segment, the 320 is for the hybrid segment.

A board in the 2012/2013 range that comes close in concept is the Phantom 295. This model however is designed for an entirely different purpose and a younger age group: the Phantom 295 is to be packaged with a specially designed Phantom rig, forming a new one-design racing class itself: the Phantom Class. More information on the Phantom 295 class is also included in this product guide.

- Starboard's raceboards
- Phantom Race 377 Bat Wing is designed for the Raceboard 380 segment of the class
- Phantom Race 320 is the more compact, more affordable and durable option for the recreational raceboarder.

Design and Performance

Phantom Race 377 Bat Wing

Bat Wing Design

- New Bat-Wing tail design: at low speeds, the Bat-Wings sink below the water to allow the water to flow around the narrow, streamlined section of the tail. The board glides like a narrow missile with a smooth water exit off the tail.
- In slightly more wind, the board starts to lift on to its rail, so one wing lifts out of the water while the leeward wing continues to travel below the water surface.
- As the board increases speed with in more wind, the wide planing surface starts to generate lift, allowing the board to transition smoothly into planing mode.
- Because the wings are wide, the planing surface is wide. So the transition into planing is happens earlier than other narrow-tail raceboards.
- In full planing mode, the board planes high above the water, rides fast and free, allows for deeper fins to be used and for deeper upwind/downwind angles to be reached.



Key Features

Phantom Race 377 Bat Wing

Rockerline: slightly lifted for smoother ride over chop

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

New for 2013: 45 degree Biaxial Carbon is replaced by 30 degree Biaxial Carbon on the deck. As strong as before, but stiffer. Biaxial Carbon was chosen over UD carbon for its superior impact resistance and better vibration-absorption.

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

The mast track release mechanism can be activated by pushing down on the dagger board head.

Dagger board kicker

Reduced volume for better efficiency and a reduced weight.

No-paint finish for minimum weight

New for 2013: extra footstrap position for the back foot





Phantom Race 320

This board carries over unchanged from 2012

The design starts with the 380 shortened down to 320. The rocker, the nose vee, the dagger board and mast track positions were adjusted to match the new length.

Super-sized 2cm high heel extensions help the board roll up on to its rail quickly



Availability

Phantom Race 377 : Carbon
Phantom Race 320 : Tufskin AST

Technical Specifications*

Tufskin AST

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Carbon) (kg) | Weight (Technora™) (kg) | Weight (Tufskin) (kg) | Sail range (m ²) | Fin | Fin Range (cm) | Fin box |
|---------------|-------------------------|-----------------|-------------|------------|-----------------|----------------------|-------------------------|-----------------------|------------------------------|---|----------------|-------------|
| 1015130601002 | Phantom Race 320 | 260 | 320 | 71 | 43.9 | | | 15.8 | 6.5-9.5 | Drake R13 Race NR 440 + Daggerboard 780 | 40-48 | Deep Tuttle |
| 1015130301001 | Phantom Race 377 Carbon | 263 | 377 | 67 | 49.1 | TBC | TBC | | 6.5-9.5 | Drake R13 Race NR 520 + Daggerboard 780 | 45-55 | Deep Tuttle |

*Carbon / Technora Weight are + or - 5%. Tufskin Weight are + or - 6%. Indicated weights are without fin, straps, daggerboard and mast track



Additional Information

Daniel Blinnikka FIN-5:

"The new Phantom is really good board in strong and in light wind. This new one is better for my weight because it's 52 liters smaller than last year's Phantom 380! If I compare it to Fanatic Cat or Phantom 380 it's easier to handle and it's going to upwind like a train, it doesn't try to change the direction like the Fanatic. When I tried 380, it was too big for me (too much volume)! "Batwings" in the back of the board make planing in marginal conditions (8-10 knots) possible and easy to sustain. Good board for lighters guys like a me (64kg) and it works very well with Severne's 9.5 RB sail almost up to 13m/s."

Max Wojcik, reigning Raceboard World Champion:

"Advantages: The Phantom 377 board is very stable upwind and it is going easy on rail 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 (8-10 knots) possible and easy to sustain. The wings are not stopping the board from going fast upwind too. New daggerboard is great for light and medium breeze (up to 15 knots). It is hard to control the board above this wind. It's a board of very good quality in materials and details."

All in all, the board is easy to sail on the rail when going upwind. In planing conditions, the downwind runs are fast and one can sail really low. The upwind footstraps are in perfect place. For 2013, there are now 2 back footstraps: the new position is 30 cm forward."



“WORLD CHAMPION”

The most innovative and high-tech shapes prove that they are just not pretty but also deadly on the race course.



PHANTOM 295

THE MISSING LINK



DREAM TEAM
ARTHUR BRUTKIN

INNOVATION QUALITY
STARBOARD



Phantom 295
Tufskin

Phantom 295 Description

The Phantom 295 is a complete windsurfing package that includes a revolutionary racing board design and a complete rig.

The Phantom class is the a new all-in-one international windsurfing class supported by Starboard, with events held around clubs, centres, schools and championship events, coordinated by Starboard International and a global network of national Starboard distributors and partners.

The class positions itself as a feeder to many other established classes: the Formula Windsurfing class, the Raceboard class and the Bic Techno One Design: the Phantom 295 class is fun, social and competitive on one hand, and a stepping stone towards other classes on the other hand.



Key Features

The Phantom 295 board's special design and its flex-tip daggerboard make it stand out as a game-changing hybrid:



The revolutionary Bat Wing design: at low speeds, the wings travel below the water surface, allowing the water to follow the more streamlined shape of the main deck. This contributes to the board's lightwind glide and speed.



In slightly more wind, the board starts to lift on to its rail, so one wing lifts out of the water while the leeward wing continues to travel below the water surface. As the board increases speed with in more wind, the wide planing surface starts to generate lift, allowing the board to transition extremely smoothly into planing mode.



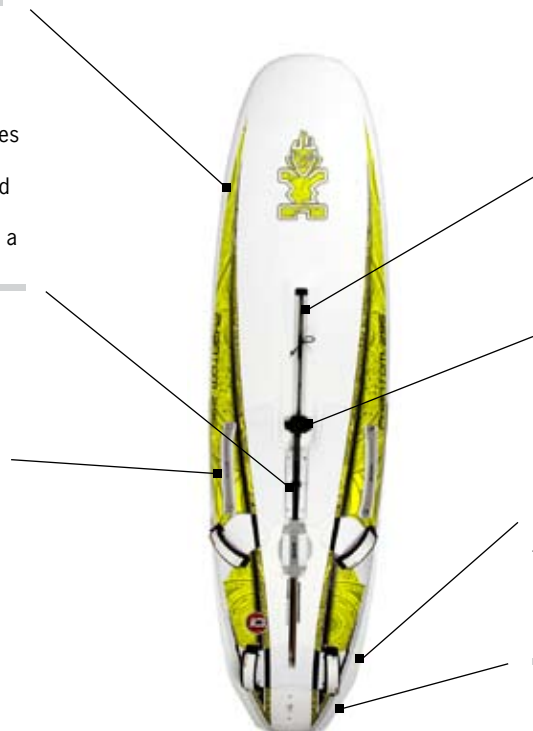
In full planing mode, the board planes high above the water, rides fast and free, allows for deeper fins to be used and for deeper upwind/downwind angles to be reached

It is a relatively long and narrow board, so it glides fast.

It includes a new powerful flex-tip daggerboard that makes non-planing racing an exciting, strategic competition. It's important to note that this flexibility creates exaggerated lift that rails the board up very early, unleashing outstanding lightwind performance. In fact, the daggerboard technology is closer to a Formula fin than a conventional raceboard daggerboard.

Heel extensions in the light wind position also create extra leverage to help the board get up on its rail.

Narrow shape, Bat Wing tail design, raised mast track, heel extension and soft tip daggerboard: a new level of lightwind performance



The slanted mast track holds the mast track high up in its lightwind position, creating extra leverage that helps the board get up on its rail in very light winds.

The mast track is lowered below deck-level in planing mode, so control is increased.

Wide planing surface, deeper fins, smooth transition into planing: enjoy some amazing highwind performance and a fun free ride in highwind conditions.

The Bat Wings are wide so the planing surface is wide. Therefore, the transition into planing happens earlier than other narrow-tail raceboards.



Max Wojcik, current Raceboard World Champion, describes the advantages of the Bat Wing concept:

"The wings in the back of the board make planing in marginal conditions (8-10knots) possible and easy to sustain. The wings are not stopping the board from going fast upwind too. In planing conditions, the downwind runs are fast and one can sail really low."

Svein Rasmussen, Starboard:

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

The Phantom 295 class: a fun, social and affordable racing class that covers the widest range of conditions and the widest range of riders, young and old, small, medium or large. Enjoy fast lightwind races and powerful, exciting planing races. All this at an affordable price.

Availability

Tufskin AST

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Tufskin) (kg) | Sail range (m ²) | Fin | Fin Range (cm) | Fin box |
|---------------|-----------------------------------|--------------------|----------------|---------------|-----------------------|-----------------------------|------------------------------------|--------------------|----------------------|-------------|
| 1015130601001 | Phantom 295 | 192 | 294 | 72.5 | 52.5 | 12.79 | 6.5-9.5 | Drake Venom 500 | 44-54 | Deep Tuttle |
| 1015120601003 | Phantom 295 (Complete Package) | | | | | | | | | |

*Carbon / Technora Weight are + or - 5%. Tufskin Weight are + or - 6%. Indicated weights are without fin, straps, daggerboard and mast track



Phantom Rig Sail

The Phantom sails are available in 6.5, 7.5 and 8.5.

Designed by Ben Severne and Simon Hurrey

Features compact outlines with two cambers

The sails evenly cover a wide wind range from non-planing to planing conditions



190-240 T8 aluminium racing boom



Severne SDM 36 Extension



75% 460cm two piece carbon mast



One Starboard racing uphaul line



Phantom Race Joint

The Phantom 295 class: a fun, social and affordable racing class that covers the widest range of conditions and the widest range of riders, young and old, small, medium or large. Enjoy fast lightwind races and powerful, exciting planing races. All this at an affordable price.



FORMULA

TOP SECRET



DREAM TEAM
TATY FRANS
2010 PWA FREESTYLE VICE CHAMPION

INNOVATION QUALITY
STARBOARD



Formula 167 Wide
Carbon

Formula 167
Carbon

Formula Description

The Formulas are Starboard's Formula race boards. Formula racing is the modern format of windsurfing course-racing, which is a close cousin of sail-boat racing. Formula racing starts in just 5 knots of wind, with no upper wind limit. Unlike a slalom course, a racing course requires maximum upwind performance and maximum downwind performance. Finally, Formula racing allows only one board to be used. These parameters are to become the key drivers of Formula board design.

First introduced in 1998, Starboard's Formula was the first wide-style racing board. This truly turned the racing scene on its head, as no other board could beat its upwind, downwind and early-planing performance. By 2000, it dominated the racing scene by taking the top 6 in the World Championships.

Throughout the decade, Starboard's Formula continued to dominate, with 11 top positions in the 2006 World Championships.

In 2007, Formula rules changed, requiring board designs to be frozen for two years. 2008 and 2009 boards were identical. 2010 and 2011 boards were identical. 2012 marks the next generation board that will remain identical for 2013. And you can be sure that Starboard's R&D team has stopped nothing short of two new revolutionary designs.



Formula's position in the range

The Formula is Starboard's only formula racing board. The Formula racing category sits alone, as a specialist racing format for fans of Formula racing. The nature of Formula rules however creates a board that has the widest wind range of all boards, the earliest planing threshold (at 6 knots) and the best upwind/downwind performance. Many performance windsurfers appreciate these features, so Formula boards have become popular recreational adventure boards as well. Cruising far out to sea, tracking upwind and covering miles of coast lines is of great appeal to windsurfers. Combined with 6 knots planing capabilities and the opportunity to join local, national and even international Formula events make Formula boards an interesting addition to a windsurfer's arsenal.

Compared to slalom boards, the Formula boards are much more powerful, plane earlier from just 6 knots and drive upwind much, much higher. The UltraSonic 147, the lightwind version of an iSonic, is closest to the Formula by design. In comparison, the UltraSonic also planes up very early but it is designed for reaching. Formula boards emphasize upwind and downwind performance, which means that they often give too much power on a reach (resulting in the burning thighs syndrome after long reaches). The UltraSonic, as a non-race-legal board, is also more comfortable and better adapted for recreational windsurfing.

- - Starboard's Formula board
 - Designed for absolute early planing and upwind/downwind performance
- The 2012/2013 models: two revolutionary designs, featuring 90cm and 84cm wide tails.

Futura

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |

iSonic

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |

iSonic Speed Specials

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |

Ultrasonic

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |

Formula

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |

Formula Experience

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★★ |
| User-friendliness | ★★★★★ |
| Maneuverability | ★★★★★ |
| Wind range | ★★★★★ |



The Message

TOP SECRET

The new Formula revolution. The widest tail ever developed in a production racing board. Leave everything behind.

Formula 167 Wide



The Formula 167 Wide is the model with more power and more lightwind emphasis. Ideal for medium weight and heavy weight riders.



Formula 167

Thinner nose – reduces unwanted nose weight

New nose outline – with rounded-off corners to avoid catching off the back of waves.

New pure carbon construction deck and bottom: Biax 150 carbon on the deck, UD80 carbon on the bottom.

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

New downwind stance with ergonomic heel recesses - for our biggest downwind advantage yet. You can apply more lift on you downwind runs and it's so much more comfortable.



84cm wide tail – incredible upwind and downwind performance, with more control than the 90cm wide tail of the 167 Wide.



New flatter rocker with a longer flat section (90cm) - improves lightwind acceleration.

Extra large cutaway designs – they bring out the best of the 84cm wide tail. Liven up the board, lets the wide tail ride free, accentuates acceleration and improves top speed.

The Formula 167 is the model with more control and more highwind emphasis. Ideal for medium weight and light weight riders.

Additional Information

The 2012/2013 Formula 167 Wide is comparable to the outgoing 2011 Formula HWR.

The 2012/2013 Formula 167 is comparable to the outgoing 2011 Formula LWR.

Availability

Carbon

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Wood) (kg) | Sail Range (m ²) | Fin Range (cm) | Fin box |
|---------------|------------------|-----------------|-------------|------------|-----------------|--------------------|------------------------------|----------------|-------------|
| 1021130301002 | Formula 167 | 167 | 228 | 100.5 | 84.1 | 8.97 | 8.5-12.5 | 62-70 | Deep Tuttle |
| 1021130301003 | Formula 167 Wide | 167 | 228 | 100.5 | 90.1 | 9.1 | 8.5-12.5 | 62-70 | Deep Tuttle |

*Wood weights +5%, Tufskin weights +6%. Weights are estimates based on last season's models. Final weights are not available at time of print and will be updated on to the website. Sail range and fin range are recommended indications.

Remark: No fins are supplied with the board.

FORMULA EXPERIENCE

100% PLANING



DREAM TEAM
DEMITA VEGA DE LILLE
2011 FORMULA EXPERIENCE
WORLD CHAMPION



Formula Experience One Design
Tufskin

Formula Experience Description

Starboard's Formula Experience is board made for the Formula Experience One Design Class, one of the most popular windsurfing classes in the world. Like Formula racing, it covers a very wide range of wind conditions and starts from just 7 knots of wind. FE's equipment rules however, ensure that the board, fin and sails are affordable and durable.

Formula Experience racing is currently established in Uruguay, France, Portugal, Spain, Brazil, Peru, Chili, Estonia, Denmark, Mexico and the USA and there are two key International events: the European Championships and the World Championships where the winners are crowned ISAF's European FE Champion and World FE Champion respectively.

For complete information on any event dates and places, visit the Formula Experience website on <http://fe.internationalwindsurfing.com>



Formula Experience's position in the range

The Formula Experience board sits besides the Formula board in Starboard's course-racing board range. The key difference is the construction of both boards. The Formula is built in expensive and light Carbon, whereas the Formula Experience is built in more durable and affordable Tufskin AST technology.

The shape of the Formula Experience is also more user-friendly than the Formula. However, it still delivers huge power and performance levels, with its 100cm width and wide-tail design.

- Starboard's Formula Experience One Design board
- The durable, accessible and affordable Formula racing board.
- They provide the advanced freerider incredible speed, a very wide wind range and high-speed jibing abilities

Futura

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★☆ |
| Comfort | ★★★★☆ |
| User-friendliness | ★★★★☆ |
| Maneuverability | ★★★☆☆ |
| Wind range | ★★★★☆ |

iSonic

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★☆ |
| Comfort | ★★★★☆ |
| User-friendliness | ★★★☆☆ |
| Maneuverability | ★☆☆☆☆ |
| Wind range | ★★★★★ |

iSonic Speed Specials

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★☆☆☆☆ |
| Power | ★☆☆☆☆ |
| Comfort | ★☆☆☆☆ |
| User-friendliness | ★☆☆☆☆ |
| Maneuverability | ★☆☆☆☆ |
| Wind range | ★☆☆☆☆ |

Ultrasonic

| | |
|-------------------|-------|
| Top Speed | ★★★★★ |
| Average speed | ★★★★★ |
| Power | ★★★★☆ |
| Comfort | ★★★★☆ |
| User-friendliness | ★★★★☆ |
| Maneuverability | ★☆☆☆☆ |
| Wind range | ★★★★★ |

Formula

| | |
|-------------------|-------|
| Top Speed | ★★★★☆ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★☆ |
| User-friendliness | ★★★☆☆ |
| Maneuverability | ★☆☆☆☆ |
| Wind range | ★★★★★ |

Formula Experience

| | |
|-------------------|-------|
| Top Speed | ★★★★☆ |
| Average speed | ★★★★★ |
| Power | ★★★★★ |
| Comfort | ★★★★☆ |
| User-friendliness | ★★★★☆ |
| Maneuverability | ★★★☆☆ |
| Wind range | ★★★★★ |



The Message

100% PLANNING

From just 7 knots of wind and up, Formula Experience delivers fully planing racing that mixes pros, amateurs, experts, intermediates and recreational racers of all ages.

The One Design format with Starboard's Formula Experience board built in AST technology guarantees simplicity, durability and affordability that will last for years.

Formula Experience One Design: the only 100% planing, global windsurfing class in the world.

Key Features



Availability

Tufskin AST

Technical Specifications*

| Product Code | Name | Volume (litres) | Length (cm) | Width (cm) | Tail Width (cm) | Weight (Tufskin) (kg) | Sail Range (m ²) | Fin Range (cm) | Fin | Fin box |
|---------------|----------------------------|--------------------|----------------|---------------|--------------------|-----------------------------|------------------------------------|----------------------|------------------------------|-------------|
| 1020130501001 | Formula Experience Prokids | 117 | 216 | 92.5 | 69.8 | 10.3 | 5.5-8.5 | 54-66 | Drake R13 Race NR 620 S-FLEX | Deep Tuttle |
| 1021130501001 | Formula Experience | 160 | 228 | 100.5 | 77.9 | 11.7 | 7.5-12.5 | 11.44 | Drake R13 70 Ready to RACE | Deep Tuttle |

*Tufskin weights +6%. Weights are estimates based on last season's models. Final weights are not available at time of print and will be updated on to the website.
Sail range and fin range are recommended indications.



“100% PLANING”

“THE ONLY GLOBAL, 100% PLANING ONE DESIGN CLASS IN THE WORLD”

Starts from just 7 knots of wind.

“ONE DESIGN”

Tough, durable, affordable: Formula Experience One Design is accessible and fun for all windsurfers.



SAILS, ACCESSORIES AND POP



WindSUP Sail
6.5

WindSUP Sail
5.5

WindSUP Sail Package Description

The WindSUP Sail Package is the simple, lightwind windsurfing rig. It is light, powerful and easy to assemble. The concept behind the package is to make windsurfing simple again. New windsurfers and stand-up paddlers will find assembling the rig very easy, requiring the minimum number of steps and no technical knowledge to rig it right.

Once on the water, the sailor will find the sail light yet powerful.

The WindSUP Sail Package is designed to power SUP boards fitted with mast tracks and lightwind windsurfing boards.

Available in 6.5 and 5.5



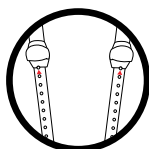
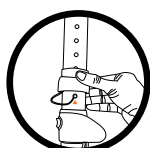
Key Features

Light, simple
and powerful

Colour-coded boom settings and recommended markings make setting up the sail simple

Colour-coded mast base extension settings and recommended markings make setting up the sail simple

The sail package packs into a convenient bag



Technical Specifications*

| Product Code | Name | Size (m ²) | Boom (cm) | Mast | Weight (kg) |
|---------------|---------------------------------------|------------------------|-----------|------|-------------|
| 1000000001295 | 2013 Starboard SUPer Sails 5.5 | 5.5 | 182 | 425 | 1.9 |
| 1000000001296 | 2013 Starboard SUPer Sails 6.5 | 6.5 | 202 | 460 | 2.1 |
| 1000000001297 | 2013 Starboard SUPer Sail Package 5.5 | | | | |
| 1000000001298 | 2013 Starboard SUPer Sail Package 6.5 | | | | |



Kids Sail Package

Kids Sail Package Description

The Kids Sail Package is designed for young beginners. These miniature monofilm sails are easy to assemble and very light.

The Kids Sail Package is popular with clubs, schools and centres, with parents who are getting their kids into windsurfing, and for SUP owners who are teaching their kids to windsurf.

Available in 2.0 and 1.2



Key Features

Light and simple rig for kids

Non-adjustable boom
keeps the package
light and simple

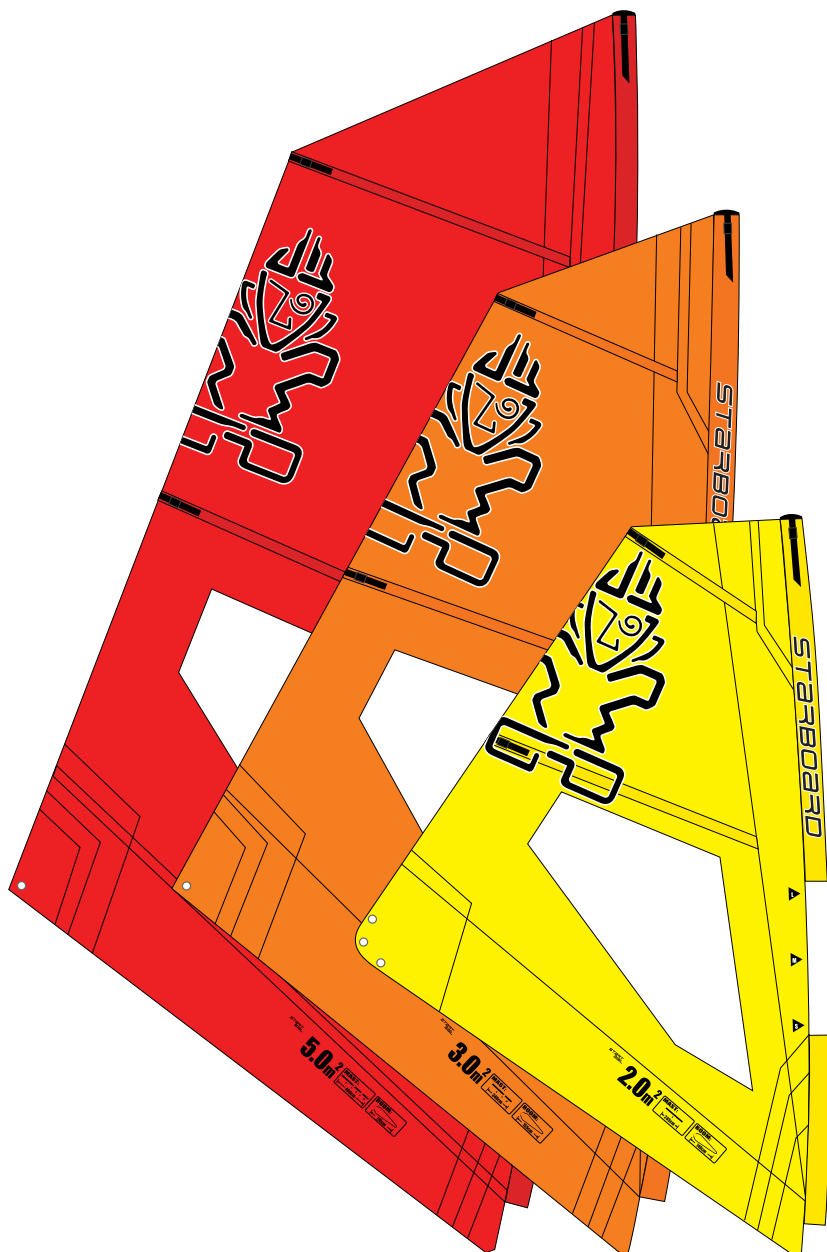
Non-adjustable mast
base keeps the package
light and simple

The sail package packs
into a convenient bag



Technical Specifications*

| Product Code | Name | Size (m ²) |
|---------------|---------------------------------------|---------------------------|
| 1000120001290 | 2013 Starboard Kid's Sail Package 1.2 | 1.2 |
| 1000120001291 | 2013 Starboard Kid's Sail Package 2.0 | 2.0 |



Start Sail
5.0

Start Sail
3.0

Start Sail
2.0

Start Sail Description

The Start Sails are designed for schools, clubs and centres. These Dacron sails are durable, light and stable. They are available in 5.0, 3.0 and 2.0 sizes.



Start Sails Components

Available separately are the components that make the Start Sails a complete rig:



Starboard Start Mast

that comes in three pieces. This mast fits all three sail sizes.



Alloy Boom 140-175 Alloy Boom 190-245



Universal Joint



Start Extension



Starboard Race Uphaul Line



Starboard Uphaul

| PRODUCT CODE | NAME |
|---------------|---------------------------------|
| 1000000001292 | 2013 Starboard Start Sail 2.0 |
| 1000000001293 | 2013 Starboard Start Sail 3.0 |
| 1000000001294 | 2013 Starboard Start Sail 5.0 |
| 1000000001151 | 2013 Starboard Uphaul |
| 1000000001301 | 2013 Starboard Race Uphaul Line |
| 1000000001307 | 2013 Start Extension |
| 1000000001306 | 2013 Universal Joint |
| 1000000001300 | 2013 Phantom Universal Joint |
| 1000000001026 | 2013 Alloy Boom 140-175 |
| 1000000001027 | 2013 Alloy Boom 190-245 |



Phantom Race
9.5

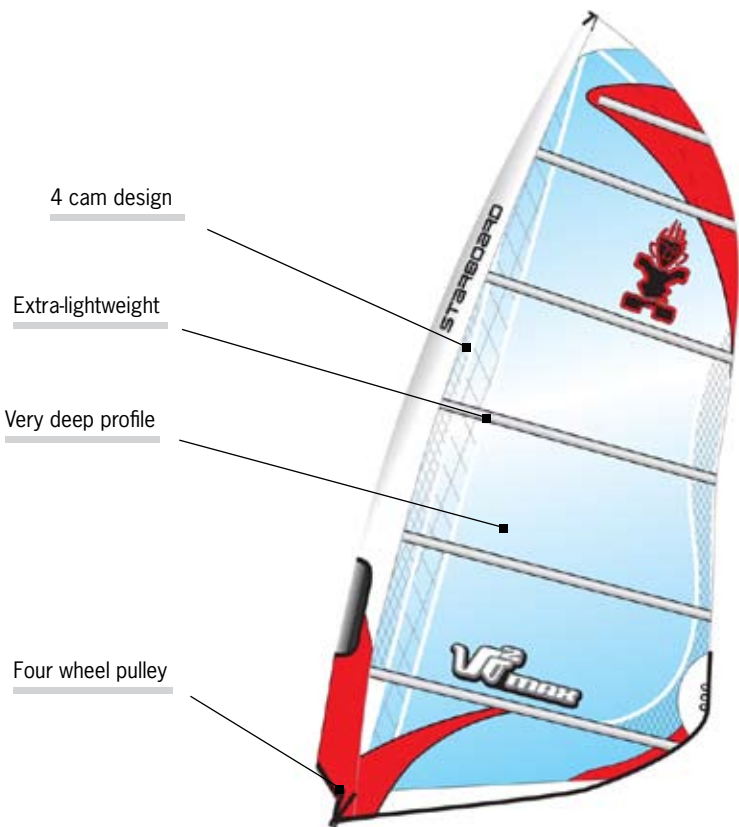
Phantom Race Description

The Phantom Race 9.5 is Starboard's dedicated raceboard sail. Extra-light weight, this 4 cam design has a very deep profile. The new outline has a higher foot line, preventing the water from catching the foot of the sail that creates unnecessary drag.

The boom opening is big and high. The width of the luff on the bottom of the sail is extra wide to promote improved aerodynamics. The bottom batten features a tube batten for extra shape stability and the three wheel pulley has been replaced by a new four wheel pulley for easier downhauling



Key Features



Technical Specifications*

| Product Code | Name | Size (m ²) | Boom (cm) | Luff (cm) | Cams | Weight (kg) | Recommended masts |
|---------------|----------------------------|------------------------|-----------|-----------|------|-------------|---------------------------------|
| 1000000001287 | 2013 Phantom Race Sail 9.5 | 9.5 | 232 | 92.5 | 4 | 5.8 | Severne 490/530/540, IMCS 32-34 |



Sail Components



Start Extension



Starboard Uphaul



Universal Joint



Starboard Race Uphaul Line



Phantom Universal Joint



Alloy Boom 140-175
Alloy Boom 190-245

| PRODUCT CODE | NAME |
|---------------|---------------------------------|
| 1000000001151 | 2013 Starboard Uphaul |
| 1000000001301 | 2013 Starboard Race Uphaul Line |
| 1000000001307 | 2013 Start Extension |
| 1000000001306 | 2013 Universal Joint |
| 1000000001300 | 2013 Phantom Universal Joint |
| 1000000001026 | 2013 Alloy Boom 140-175 |
| 1000000001027 | 2013 Alloy Boom 190-245 |



Board Racks



V Rack
230 x 250 cm



H Rack
116 x 210 cm



Wall Rack
230 x 122 cm

| PRODUCT CODE | NAME |
|---------------|-----------------------------------|
| 1000000001213 | 2013 Starboard V Rack - Blue |
| 1000000001215 | 2013 Starboard V Rack - Red |
| 1000000001216 | 2013 Starboard V Rack - Yellow |
| 1000000001214 | 2013 Starboard V Rack - Green |
| 1000000001209 | 2013 Starboard H Rack - Blue |
| 1000000001211 | 2013 Starboard H Rack - Red |
| 1000000001212 | 2013 Starboard H Rack - Yellow |
| 1000000001210 | 2013 Starboard H Rack - Green |
| 1000000001217 | 2013 Starboard Wall Rack - Blue |
| 1000000001219 | 2013 Starboard Wall Rack - Red |
| 1000000001220 | 2013 Starboard Wall Rack - Yellow |
| 1000000001218 | 2013 Starboard Wall Rack - Green |



POP Booth



Horizontal Board Small Stand



Horizontal Board Stand



Bar Table



Tiki Logo



POP Booth



Vertical Display Stand



Mega Display Stand

| PRODUCT CODE | NAME |
|---------------|--|
| 1000000001472 | Starboard POP Horizontal Board Stand |
| 1000000001473 | Starboard POP Horizontal Board SMALL Stand |
| 1000000001474 | Starboard POP Mega Display Stand |
| 1000000001475 | Starboard POP Vertical Display Stand |
| 1000000001476 | Starboard POP Tiki Logo + Block |
| 1000000001477 | Starboard POP Bar Table |



Standard Catalog



Starboard Catalog

| PRODUCT CODE | NAME |
|---------------|------------------------|
| 1000130001055 | 2013 Starboard Catalog |



Standard DVD's



Starboard Flagship



Starboard Welcome to WindSUP



Starboard Tiki Documentaries 1 - 4



Starboard Tiki Documentaries 5 - 8

| PRODUCT CODE | NAME |
|---------------|---|
| 1000130001072 | 2013 Starboard DVD Flagship |
| 1000130001073 | 2013 Starboard DVD Welcome to WindSUP |
| 1000130001074 | 2013 Starboard DVD Tiki Documentaries 1 - 4 |
| 1000130001075 | 2013 Starboard DVD Tiki Documentaries 5 - 8 |



Standard Posters



Philip Koster

42 x 60cm



Bjorn Dunkerbeck

42 x 60cm



Boujmaa Guilloul

42 x 60cm



Dany Bruch

42 x 60cm

| PRODUCT CODE | NAME |
|---------------|---|
| 1000130001057 | 2013 Starboard Standard Paper Poster - Philip Koster |
| 1000130001058 | 2013 Starboard Standard Paper Poster - Bjorn Dunkerbeck |
| 1000130001059 | 2013 Starboard Standard Paper Poster - Boujmaa Guilloul |
| 1000130001060 | 2013 Starboard Standard Paper Poster - Dany Bruch |



Tiki Logo

60 x 60cm



Starboard Logo

50 x 170cm

PRODUCT CODE

NAME

2013 Starboard Tiki Logo

2013 Starboard Starboard Logo



Vertical Posters



Nuevo
50 x 170cm



Quad
50 x 170cm



Flare
50 x 170cm



Kode
50 x 170cm



iSonic
50 x 170cm



Phantom 295
50 x 170cm



Carve
50 x 170cm



Futura
50 x 170cm



GO
50 x 170cm



Inflatable WindSUP
50 x 170cm

PRODUCT CODE

NAME

| | |
|---------------|---|
| 1000130001061 | 2013 Starboard POP Vertical Poster - Flare |
| 1000130001062 | 2013 Starboard POP Vertical Poster - Carve |
| 1000130001063 | 2013 Starboard POP Vertical Poster - Futura |
| 1000130001064 | 2013 Starboard POP Vertical Poster - Quad |
| 1000130001065 | 2013 Starboard POP Vertical Poster - NuEvo |
| 1000130001066 | 2013 Starboard POP Vertical Poster - Kode |
| 1000130001067 | 2013 Starboard POP Vertical Poster - iSonic |
| 1000130001068 | 2013 Starboard POP Vertical Poster - Inflatable Windsup |
| 1000130001069 | 2013 Starboard POP Vertical Poster - Phantom 295 |
| 1000130001070 | 2013 Starboard POP Vertical Poster - GO |



Mega Poster



Mega Poster
160 x 100cm

| PRODUCT CODE | NAME |
|---------------|--------------------------------|
| 1000130001026 | 2013 Starboard POP Mega Poster |



Window Stickers



**iSonic & Kode
Window Sticker**



**SUPER & Flare
Window Sticker**



**Quad & Futura
Window Sticker**



Tiki Window Sticker

Tiki window stickers are perforated with holes: you can see through clearly from the inside.

| PRODUCT CODE | NAME |
|---------------|---|
| 1000000001416 | 2011 Starboard iSonic and Kode Window Sticker |
| 1000000001417 | 2011 Starboard Quad and Futura Window Sticker |
| 1000000001418 | 2011 Starboard SUPER and Flare Window Sticker |
| 1000000001419 | 2012 Starboard Blue Tiki |
| 1000000001420 | 2012 Starboard Green Tiki |
| 1000000001421 | 2012 Starboard Red Tiki |



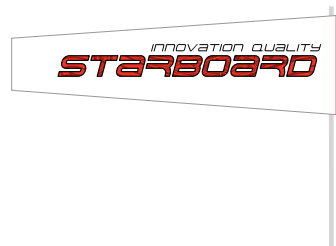
Flags and Banners



Beach Flag
80 x 455 cm



Standard Flag
150 x 190cm



Wind Sock
60 x 140cm



Starboard Banner
75 x 300cm

| PRODUCT CODE | NAME |
|---------------|--------------------------------|
| 1000000001469 | 2013 Standard Flag |
| 0000000001001 | 2013 Beach Flag Pole |
| 1000000001467 | 2013 Beach Flag |
| 1000000001468 | 2013 Beach Flag (Complete Set) |
| 1000000001470 | 2013 Windsock |
| 1000000001466 | 2013 Starboard Banner |



Tents



Starboard Tent



Starboard Spider Tent

| PRODUCT CODE | NAME |
|--------------|------|
|--------------|------|

| | |
|---------------|----------------------------|
| 1000000001286 | 2012 Starboard Tent |
| 0000000001003 | 2013 Starboard Spider Tent |



Buoy



Starboard Pyramid Buoy



Starboard Floor Mat

| PRODUCT CODE | NAME |
|---------------|---|
| 2000000001278 | 2013 Starboard SUP Pyramid Buoy 1.7 m |
| 2000000001329 | 2013 Starboard SUP Pyramid Buoy Half-Size |
| 0000000001002 | 2013 Starboard Floor Mat 3'X5' |



Stickers



Starboard Sticker



Authorized Dealer Sticker



Tiki Sticker



Mini Tiki Foil Sticker



Sticker Combo Set



Sticker - Pro Rider



Tiki Tattoo



Start Certificate

| PRODUCT CODE | NAME |
|---------------|---|
| 1000000001311 | 2013 Starboard Sticker - M - Red (Pack of 10) |
| 1000000001312 | 2013 Starboard Sticker - L - Red (Pack of 10) |
| 1000000001313 | 2013 Starboard Tiki Sticker - S - Red (Pack of 10) |
| 1000000001314 | 2013 Starboard Tiki Sticker - M - Red (Pack of 10) |
| 1000000001315 | 2013 Starboard Tiki Sticker - L - Red (Pack of 10) |
| 1000000001316 | 2013 Starboard Tiki Sticker - XL - Red (Pack of 10) |
| 1000000001238 | 2013 Starboard Sticker Combo Set |
| 1000000001222 | 2013 Starboard Authorized Dealer Sticker |
| 1000000001235 | 2013 Starboard Mini Tiki Foil Sticker - Red |
| 1000000001237 | 2013 Starboard Sticker - Pro Rider |
| 1000000001205 | 2013 Starboard Start Certificate |
| 1000000001255 | 2013 Starboard Tiki Tattoo |