



SLALOM & RACE

- FUTURA
- ☒ iSONIC
- FORMULA

DREAM TEAM
REMI VILA
STARBOARD RACING R&D

MAXIMUM
EFFICIENCY

iSONIC

INNOVATION QUALITY
STARBOARD



**iSonic
Carbon**

**iSonic
Wood**

Product Description

The iSonic's 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 two smallest sizes are most narrow and shaped specifically for high wind conditions.

The five middle sizes are compact designs for maximum performance across a wide wind range

The two largest sizes are extra-wide designs emphasizing light wind performance and heavier riders.

TOP RESULTS

At the latest PWA slalom event in Vietnam, Starboard iSonic's took four of the top seven positions, placing 1st, 3rd, 5th and 7th.

At the event before that, in Sylt Germany, Starboard iSonic's took seven of the top twelve positions, including 1st, 3rd and 5th.



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Product'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 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 jibing speeds.

Headline

MAXIMUM EFFICIENCY



Comparison Score Chart

Futura

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

iSonic Speed

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

Formula

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	★★★★☆

Formula Experience

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



Core message

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

Extended message

Maximum Efficiency. 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. Presenting the new 2012 iSonics. Innovation Quality, by Starboard.

Design and Performance

Wide, compact outlines forms the basis for each iSonic design, except for the two 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 cut-outs: these reduce the length of the wetted surface area and increase its aspect ratio, therefore its efficiency at delivering lift with less drag. Beside the cut-outs are what we call the planing surface tabs. These are generally just under the back heel. They are individually tuned to carefully adjust the ride and trim of each model.



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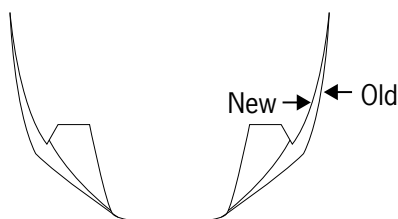
What's New?

- **New Biaxial Carbon deck: extra strong and more impact resistant.**
- **80:** new pinched-in tail outline behind the 30cm mark back. This keeps power while making the board feel freer. New thinner rails for the back foot and increased vee add high-wind control.
- **87:** Reduced rail thickness in the nose shifts the volume and CG back in the board for improved control. New cut-out shapes on the bottom reduce wetted surface area for improved speed.
- **90:** new pinched-in tail outline behind the 30cm mark back. This keeps power while making the board feel freer. New cut-out shapes on the bottom reduce wetted surface area for improved speed.
- **97:** new pinched-in tail outline behind the 30cm mark back. This keeps power while making the board feel freer. Reduced rail thickness in the nose shifts the volume and CG back in the board for improved control. The Deep Deck Concave has been moved forward to flatten the area between the straps to make jibing easier. New cut-out shapes on the bottom reduce wetted surface area for improved speed.
- **107:** new pinched-in tail outline behind the 30cm mark back. This keeps power while making the board feel freer. Reduced rail thickness in the nose shifts the volume and CG back in the board for improved control. New cut-out shapes on the bottom reduce wetted surface area for improved speed.
- **117:** new pinched-in tail outline behind the 30cm mark back. This keeps power while making the board feel freer. Reduced rail thickness in the nose shifts the volume and CG back in the board for improved control. New cut-out shapes on the bottom reduce wetted surface area for improved speed.
- **117 Wide:** new Heel-Extensions for improved leverage. New pinched-in tail outline behind the 30cm mark back. This keeps power while making the board feel freer. New cut-out shapes on the bottom reduce wetted surface area for improved speed.
- **127:** new pinched-in tail outline behind the 30cm mark back. This keeps power while making the board feel freer. Reduced rail thickness in the nose shifts the volume and CG back in the board for improved control. New cut-out shapes on the bottom reduce wetted surface area for improved speed.
- **137:** new pinched-in tail outline behind the 30cm mark back. This keeps power while making the board feel freer. Reduced rail thickness in the nose shifts the volume and CG back in the board for improved control. New cut-out shapes on the bottom reduce wetted surface area for improved speed.

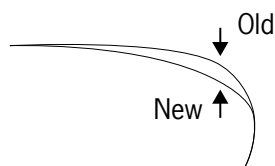


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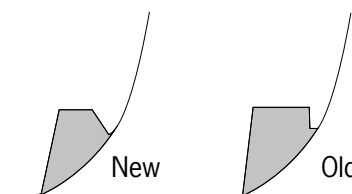
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Reduced rail thickness in the nose shifts the volume and CG back in the board for improved control



Reduced rail thickness in the nose shifts the volume and CG back in the board for improved control



New pinched-in tail outline behind the 30cm mark

Additional Information

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

Please note that the WoodCarbon/Carbon is divided into two groups: the smaller boards use a carbon deck and a wood bottom to blend the stiffer feel with some control and comfort, while the larger boards use carbon both deck and bottom to focus on maximum stiffness for maximum lightwind performance.

Remark: No fins are supplied with the board.



Reduced rail thickness in the nose shifts the volume and CG back in the board for improved control

The Deep Deck Concave has been moved forward to flatten the area between the straps to make jibing easier

New pinched-in tail outline behind the 30cm mark back. This keeps power while making the board feel freer

New cut-out shapes on the bottom reduce wetted surface area for improved speed



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Availability

Wood, WoodCarbon/Carbon

Technical Specifications*

Product Code	Name	Volume (litres)	Length (cm)	Width (cm)	Tail Width (cm)	Weight (Wood) (kg)	Weight (Carbon) (kg)	Sail Range (m ²)	Recommended Fin	Fin Range (cm)	Fin box
1010120101001	iSonic 80 Wood	80	243	56.5	36.8	5.96		4.5-6.5	Drake Slalom Pro 320	24-36	Tuttle
1010120101002	iSonic 87 Wood	87	243	56.5	36.7	6.00		5.0-7.0	Drake Slalom Pro 340	26-38	Tuttle
1010120101003 1010120301001	iSonic 90 Wood iSonic 90 Carbon	90	241	60	41.9	6.32	5.63	5.2-7.8	Drake Slalom Pro 360	28-40	Tuttle
1010120101004 1010120301002	iSonic 97 Wood iSonic 97 Carbon	97	234	64	44.8	6.55	TBC	5.5-8.5	Drake Slalom Pro 380	30-44	Tuttle
1010120101005 1010120301003	iSonic 107 Wood iSonic 107 Carbon	107	235	68.5	49.8	6.75	6.15	5.8-9.0	Drake Slalom Pro 400	32-46	Tuttle
1010120101006 1010120301004	iSonic 117 Wood iSonic 117 Carbon	117	235	75	52.8	7.20	6.29	6.0-9.5	Drake R13 Race NR 440	36-46	Deep Tuttle
1010120101007 1010120301005	iSonic 117 Wide Wood iSonic 117 Wide Carbon	117	228	81	52.8	7.53	6.41	7.0-9.5	Drake R13 Race NR 460	36-46	Deep Tuttle
1010120101008 1010120301006	iSonic 127 Wood iSonic 127 Carbon	127	231	85	57.5	TBC	6.72	7.5-10	Drake R13 Race NR 500	38-50	Deep Tuttle
1010120101009 1010120301007	iSonic 137 Wood iSonic 137 Carbon	137	TBC	TBC	TBC	TBC	6.95	8.0-10	Drake R13 Race NR 520	40-52	Deep Tuttle

*Wood, Carbon and Woodcarbon 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.



Price List

Product Code	Name	Distributor (Distributor)	Distributor (Distributor)	Distributor (Distributor)	Distributor (Distributor)	Distributor (Distributor)
1010120101001	iSonic 80 Wood	Distributor	Distributor	Distributor	Distributor	Distributor
1010120101002	iSonic 87 Wood	Distributor	Distributor	Distributor	Distributor	Distributor
1010120101003	iSonic 90 Wood	Distributor	Distributor	Distributor	Distributor	Distributor
1010120301001	iSonic 90 Carbon	Distributor	Distributor	Distributor	Distributor	Distributor
1010120101004	iSonic 97 Wood	Distributor	Distributor	Distributor	Distributor	Distributor
1010120301002	iSonic 97 Carbon	Distributor	Distributor	Distributor	Distributor	Distributor
1010120101005	iSonic 107 Wood	Distributor	Distributor	Distributor	Distributor	Distributor
1010120301003	iSonic 107 Carbon	Distributor	Distributor	Distributor	Distributor	Distributor
1010120101006	iSonic 117 Wood	Distributor	Distributor	Distributor	Distributor	Distributor
1010120301004	iSonic 117 Carbon	Distributor	Distributor	Distributor	Distributor	Distributor
1010120101007	iSonic 117 Wide Wood	Distributor	Distributor	Distributor	Distributor	Distributor
1010120301005	iSonic 117 Wide Carbon	Distributor	Distributor	Distributor	Distributor	Distributor
1010120101008	iSonic 127 Wood	Distributor	Distributor	Distributor	Distributor	Distributor
1010120301006	iSonic 127 Carbon	Distributor	Distributor	Distributor	Distributor	Distributor
1010120101009	iSonic 137 Wood	Distributor	Distributor	Distributor	Distributor	Distributor
1010120301007	iSonic 137 Carbon	Distributor	Distributor	Distributor	Distributor	Distributor



Distributor Comments:

Please insert coments here.

This page is for Starboard Distributors to enter your wholesale prices and discount brackets.
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MOST ADVANCED TECHNOLOGY

The world's most advanced slalom board

THE ICON

The slalom board that re-invented the genre in 2002, and still dominates PWA slalom after almost a decade on top.

ISONIC

INNOVATION QUALITY
STARBOARD