



2014

**ISONIC**  
maximum efficiency



DREAM TEAM  
BJÖRN DUNKERBECK  
2011 PWA SLALOM OVERALL CHAMPION

INNOVATION QUALITY  
**STARBOARD**





**iSonic**  
**Carbon**

**iSonic**  
**Wood**

## iSonic Description

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

In a nutshell, for 2014, the 80/87/90/97/107 iSonics are fully upgraded with shorter, wider and slimmer shapes and new cutaway/side cut designs that make for a wider wind range than before, more control, better acceleration and higher top speed.

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



## iSonic's position in the range

The iSonic's 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 iSonic 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 iSonic's 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.

### 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

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MAXIMUM EFFICIENCY

SHORTER, WIDER, SLIMMER

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, and 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.

Wide, compact outlines forms the basis for each iSonic design.

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.

## What's New

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iSonic 80, 87, 90, 97, 107:

- Significantly upgraded shapes
- 2-3cm wider, thinner profiles
- Shorter lengths more control and wind range
- Side cuts are wider to slightly reduce the width of the wetted surface under your back foot: higher top speed and high-wind acceleration
- Secondary wingers are closed off on the deck side, eliminating the step that can crack under exceptional stress
- Tweaked cutaway designs with a more open angle

iSonic 110, 117, 130

- Wider side cuts to narrow down the width of the wetted surface: improved top speed and high-wind acceleration
- Tweaked cutaway designs with a more open angle
- Slight thickness reduction: approximately 3mm
- 110 is 3cm longer to match the overall length/balance of other sizes

## Additional Information

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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.

The Carbon construction, internally known as **Carbon Reflex**, uses 45 degree biaxial carbon both deck and bottom to allow the board to flex and re-bound responsively. This construction is ultralight, stiff yet comfortable and responsive.

No fins are supplied with the board.

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2014

## Key Features



## Technical Specifications\*

Product Code	Name	Volume (litres)	Length (cm)	Width (cm)	Tail Width (cm)	Weight (Carbon) (kg)	Weight (Wood) (kg)	Sail Range (m <sup>2</sup> )	Fin Range (cm)	Fin box
1010140301001 1010140101001	iSonic 80 Carbon iSonic 80 Wood	80	238	58	36.4	5.2 <sup>†</sup>	6.0 <sup>†</sup>	5.1-7.0	28-34	Tuttle
1010140301002 1010140101002	iSonic 87 Carbon iSonic 87 Wood	87	238	59	36.8	5.3 <sup>†</sup>	6.0 <sup>†</sup>	5.1-7.0	30-36	Tuttle
1010140301003 1010140101003	iSonic 90 Carbon iSonic 90 Wood	90	231	63	39.3	5.5 <sup>†</sup>	6.2 <sup>†</sup>	5.1-7.8	32-38	Tuttle
1010140301004 1010140101004	iSonic 97 Carbon iSonic 97 Wood	97	231	65.5	43.7	5.6 <sup>†</sup>	6.6 <sup>†</sup>	5.6-7.8	34-40	Tuttle
1010140301005 1010140101005	iSonic 107 Carbon iSonic 107 Wood	107	231	69.5	47.9	6.0 <sup>†</sup>	6.8 <sup>†</sup>	6.2-8.6	36-44	Deep Tuttle
1010140301006 1010140101006	iSonic 110 Carbon iSonic 110 Wood	110	230	75.5	50.7	6.3 <sup>†</sup>	7.2 <sup>†</sup>	6.2-8.6	38-46	Deep Tuttle
1010140301007 1010140101007	iSonic 117 Carbon iSonic 117 Wood	117	228	80	54.5	6.6 <sup>†</sup>	7.4 <sup>†</sup>	7.0-9.2	38-46	Deep Tuttle
1010140301008 1010140101008	iSonic 130 Carbon iSonic 130 Wood	130	228	85	58.3	7.1 <sup>†</sup>	7.7 <sup>†</sup>	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.

<sup>†</sup>Estimated weight for reference purposes only. The actual production average weight is not yet available.



## “THE MOST ADVANCED BOARD TECHNOLOGY”

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The world's most advanced slalom board

## “AN ICON”

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