

CHILLI	99	108
length	232	234
width	63	68
volume	99	108
weight	6.1	6.5
fin size	23	25
fin box	Powerbox	
fin range	18-25	20-27
sail range	4.0-6.6	4.5-7.2
technology	Semi-Custom Carbon/Kevlar PVC Sandwich	

XTC	95	105	115
length	238	240	242
width	58	62	67
volume	95	105	115
weight	6.1	6.5	6.8
fin size	28	30	32
fin box	Powerbox		
fin range	24-30	26-32	28-34
sail range	4.0-6.2	4.5-6.8	5.0-7.5
technology	Semi-Custom PVC-Composite		

RX	120	132	144
length	240	240	240
width	68	74	80
volume	120	132	144
weight	7	7.4	7.9
fin size	37	43	49
fin box	Tuttlebox		
fin range	34-40	40-46	46-52
sail range	6.0-8.0	6.5-9.0	7.0-10.0
technology	Semi-Custom PVC-Composite		

MISSILE	43	49
length	225	227
width	43	49
volume	54	66
weight	4	4.4
fin size	26	28
fin box	Tuttlebox	
fin range	22-28	24-32
sail range	4.0-6.5	5.0-7.5
technology	Semi-Custom Biax-Carbon PVC Sandwich	

XANTOS	130	140	150	160
length	260	263	266	280
width	66	71	76	72
volume	130	140	150	160
weight	8.9	9.6	10.3	12
fin size	38	45	48	48
fin box	Powerbox			
daggerboard	no	no	no	yes
fin range	32-40	36-48	40-50	34-50
sail range	2.0-8.0	2.0-8.5	2.0-9.0	2.0-10.0
technology	Single-Skin Biax-Composite			



RAVE	71	78	85
length	230	232	234
width	53	55.5	58
volume	71	78	85
weight	6.2	6.6	6.3
fin size	15.5	16	16.5
fin box	Twin US box		
fin range	14-16.5	15-16.5	15-17
sail range	3.0-5.0	3.5-5.5	4.0-6.2
technology	Semi-Custom Carbon/Kevlar PVC Double Sandwich		
71-78			
technology	Semi-Custom Carbon/Kevlar PVC Single Sandwich		
85			

VIBE	84	94	104
length	240	242	244
width	58.5	60.5	62.5
volume	84	94	104
weight	6.2	6.5	6.9
fin size	24	26	28
fin box	Powerbox		
fin range	20-26	22-28	24-30
sail range	3.5-6.0	4.0-6.4	4.5-6.8
technology	Semi-Custom PVC-Composite		

VANTAGE VANTAGE AIR		125	135	145	155
length		245	255	255	255
width		69	72	76	80
volume		125	135	145	155
weight		8.4	8.8	9.4	9.8
weight "AIR"		7.9	8.2	8.5	8.8
fin size		38	45	48	50
fin box		Powerbox			
fin range		34-42	40-48	44-52	46-54
sail range		5.0-8.5	5.0-9.0	5.0-9.5	5.0-10.0
technology		Single-Shot PVC-Composite			
technology "AIR"		Semi-Custom Wood-Composite			

SX	56	58	63	68	77	81	85
length	235	235	235	235	235	235	235
width	56	58	63	68	77	81	85
volume	80	85	95	105	120	135	145
weight	5.3	5.4	5.8	6.2	6.8	7.2	7.8
fin size	29	31	34	36	42	46	50
fin box	Tuttlebox						
fin range	26-34	28-36	30-38	34-40	38-46	42-50	44-54
sail range	4.0-6.5	5.0-7.5	6.0-8.0	6.0-8.0	7.5-10.0	7.5-10.0	8.0-11
technology	Semi-Custom Biax-Carbon PVC Sandwich						

FX	VI	Z
length	230	230
width	100.5	100.5
volume	150	155
weight	9.3	9.4
fin size	-	-
fin box	Deep Tuttlebox	
fin range	60-70	60-70
sail range	9.0-12.5	9.0-12.5
technology	Semi-Custom Biax-Carbon Acrylic Sandwich	

DISCOVERY	S	M	L
length	280	270	275
width	71	80	90
volume	165	185	225
weight	12.5	13.8	14.9
fin size	35	35	35
fin box	Powerbox		
fin range	34-48	34-50	34-50
sail range	2.0-	2.0-	2.0-
technology	Single Shot ASA / EVA High Resilience Skin		

BOARD RANGE 2009

Product Group	board	length in cm	width in cm	volume in ltr	weight in kg	technology	fin size	fin box	fin range	sail range
Cross-Wave (single fin)	Rebel 63	228	49.5	63	5.4	Semi-Custom Carbon/Kevlar PVC-Double-Sandwich	20	US	18-22	2.5-4.7
	Rebel 68	228	52.5	68	5.9		21	US	19-23	3.0-5.0
	Rebel 75	230	55.5	75	6.4		22	US	20-24	3.5-5.5
	Rebel 83	235	58.5	83	6.1	Semi-Custom Carbon/Kevlar PVC-Single-Sandwich	23	US	21-25	4.0-6.2
	Rebel 91	238	61	91	6.4		24	US	22-26	4.5-6.6
Pure-Wave (Twinser)	Rave 71	230	53	71	6.2	Semi-Custom Carbon/Kevlar PVC-Double-Sandwich	15.5	US	14-16.5	3.0-5.0
	Rave 78	232	55.5	78	6.6		16	US	15-16.5	3.5-5.5
	Rave 85	234	58	85	6.3	Semi-Custom Carbon/Kevlar PVC-Single-Sandwich	16.5	US	15-17	4.0-6.2
Freestyle	Chilli 99	232	63	99	6.1	Semi-Custom Carbon/Kevlar PVC-Sandwich	23	Powerbox	18-25	4.0-6.6
	Chilli 108	234	68	108	6.5		25	Powerbox	20-27	4.5-7.2
Jump & Jibe	Vibe 84	240	58.5	84	6.2	Semi-Custom PVC-Composite	24	Powerbox	20-26	3.5-6.0
	Vibe 94	242	60.5	94	6.5		26	Powerbox	22-28	4.0-6.4
	Vibe 104	244	62.5	104	6.9		28	Powerbox	24-30	4.5-6.8
Free-Ride Free-Move	XTC 95	238	58	95	6.1	Semi-Custom PVC-Composite	28	Powerbox	24-30	4.0-6.2
	XTC 105	240	62	105	6.5		30	Powerbox	26-32	4.5-6.8
	XTC 115	242	67	115	6.8		32	Powerbox	28-34	5.0-7.5
Free-Ride	Vantage 125	245	69	125	8.4	Single-Shot Wood-Composite	38	Powerbox	34-42	5.0-8.5
	Vantage 135	255	72	135	8.8		45	Powerbox	40-48	5.0-9.0
	Vantage 145	255	76	145	9.4		48	Powerbox	44-52	5.0-9.5
	Vantage 155	255	80	155	9.8		50	Powerbox	46-54	5.0-10.0
Free-Ride (light version)	Vantage Air 125	245	69	125	7.9	Semi-Custom PVC-Composite	38	Powerbox	34-42	5.0-8.5
	Vantage Air 135	255	72	135	8.2		45	Powerbox	40-48	5.0-9.0
	Vantage Air 145	255	76	145	8.5		48	Powerbox	44-52	5.0-9.5
	Vantage 155	255	80	155	8.8		50	Powerbox	46-54	5.0-10.0
Free-Slalom	RX 120	240	68	120	7.0	Semi-Custom PVC-Composite	37	Tuttlebox	34-40	6.0-8.5
	RX 132	240	74	132	7.4		43	Tuttlebox	40-46	6.5-9.0
	RX 144	240	80	144	7.9		49	Tuttlebox	46-52	7.0-10.0
Slalom	SX 56	235	56	80	5.3	Semi-Custom Biax-Carbon PVC-Sandwich	29	Tuttlebox	26-34	4.0-6.5
	SX 58	235	58	85	5.4		31	Tuttlebox	28-36	5.0-7.0
	SX 63	235	63	95	5.8		34	Tuttlebox	30-38	5.5-7.5
	SX 68	235	68	105	6.2		36	Tuttlebox	34-40	6.0-8.0
	SX 77	235	77	120	6.8		42	Tuttlebox	38-46	7.0-9.0
	SX 81	235	81	135	7.2		46	Tuttlebox	42-50	7.5-10.0
	SX 85	235	85	145	7.8		50	Tuttlebox	44-54	8.0-11.0
Formula	FX VI	230	100.5	150	9.4	Semi-Custom Biax-Carbon Acrylic-Sandwich	-	Tuttlebox	60-70	9.0-12.5
	FX Z	230	100.5	155	9.3		-	Tuttlebox	60-70	9.0-12.5
Speed	Missile 43	225	43	54	4.0	Semi-Custom Biax-Carbon PVC-Sandwich	26	Tuttlebox	22-28	4.0-6.5
	Missile 49	227	49	66	4.4		28	Tuttlebox	25-32	5.0-7.5
Free-Ride <classic	Xantos 130	260	66	130	8.9	Single-Skin Biax-Composite	38	Powerbox	32-40	2.0-8.0
	Xantos 140	263	71	140	9.6		45	Powerbox	36-48	2.0-8.5
	Xantos 150	266	76	150	10.3		48	Powerbox	40-50	2.0-9.0
	Xantos 160	280	72	160	12.0		48	Powerbox	34-50	2.0-10.0
Entry / Kid	Discovery S	280	71	165	12.5	ASA/EVA High-Resistant Skin	35	Powerbox	34-48	2.0-10.0
	Discovery M	270	80	185	13.8		35	Powerbox	34-50	2.0-10.0
	Discovery L	275	90	225	14.9		35	Powerbox	34-50	2.0-10.0

KEY FACTS



CROSS WAVE

RIDER:

Everyone who loves all kind of waves, jumping high in the sky and rotate some stylish freestyle moves in flat water

- Test Winner in magazines
- Wide body shapes for all kind of conditions
- Unique Top & Bottom “CS-Graphic” print-technology
- Rebel 63 works great as a young gun board (narrower plug position)
- 5 sizes



REBEL

CROSS WAVE

REBEL	63	68	75	83	91
length	228	228	230	235	238
width	49.5	52.5	55.5	58.5	61
volume	63	68	75	83	91
weight	5.4	5.9	6.4	6.1	6.4
fin size	20	21	22	23	24
fin box	US box				
fin range	18-22	19-23	20-24	21-25	22-26
sail range	2.5-4.7	3.0-5.0	3.5-5.5	4.0-6.2	4.5-6.6
Technology 63-75	Semi-Custom Carbon/Kevlar PVC Double-Sandwich				
Technology 83-91	Semi-Custom Carbon/Kevlar PVC Single-Sandwich				



REBEL – Cross Wave Board Concept for all conditions

The Rebels are Cross-Wave Boards proofed in all kind of conditions from side-shore to onshore and from choppy water to nice clean sized waves. Magazine-Tests described the board as the perfect Crossover-All-round wave board.

Also the international F2 Team riders are using the production boards in competition and especially Gran Canaria is the place where performance and durability comes together - the proof is a top 3 ranking in 2008 and 2007!

Rebel – live the revolution!

- Short and wide body shape to get early onto plane and have a lot of control in the air
- Single into double concave bottom shape for a smooth ride with a lot of grip in the turns
- Slight nose kick and a round outline for reactivity and a play full feel in all kind of conditions
- Flat bottom curve and harmonic rails give the drive and safety in bigger waves
- Balanced volume distribution and nice rounded deck shape for best foot contact in riding and jumping
- Variable strap positions with changeable angle to set up the board for individual needs and conditions



the secret behind

Scoop-Rocker-Line

- The unchanged scoop-rocker line allows to get onto plane super early, blast along on a smooth ride to get on the wave ramp right in time and slice fast bottom turn and cutbacks into the waves.
- Slight nose kick avoids nose-diving on steep waves after cutbacks.

Outline

- The modern short and wide body style outline lets the board feel loose and playful under the feet in all kind of conditions.
- The rounder outline allows to steer the board to the right place on the wave and to combine your ride with new school Freestyle manoeuvres.

Deck Shape

- Slight round deck shape provides the perfect balance between having grip under the foot for jumps and having the toe/heel reactivity to ride waves.

Bottom Shape

- Slight V in the front avoids that the nose get sucked under the white water on late cutbacks.
- Single concave under the mast track makes the board plane early and gives a smooth ride trough the chop.
- Double concave under the footstrap let the board track while blasting downwind to catch the jump ramp and also gives a lot of grip while carving in the bottom turn.
- Flat V in the tail let the water release nicely to get top speed and easy switch turns from rail to rail.

Rails

- Boxy rails in the nose area to get the best buoyancy and water release when hitting the white water on late cutbacks.
- Optimum rails thickness under the front foot and mast track to get the grip on the water and support the weight when leaning into the arc (bottom turn).
- Thin rails under the back foot to get grip while carving turns.

Footstraps

- Our footstrap insert set-up allows all sailors to adjust the position to their foot and style for jumping or/and wave riding.

Construction

- Rebel 63, 68, 75: Semi-Custom Carbon/Kevlar double-sandwich
- Rebel 83, 91: Semi-Custom Carbon/Kevlar single-sandwich
- Sanded colour “unfinished-look” to minimise the weight

Fins

- Choco Fins: CNC-G10 “Cross-Wave”

KEY FACTS



TWINSER WAVE

RIDER:

Everyone who is on the search or lives in a place with the perfect waves.

- Radical Twinser Wave Board Concept
- Unique and stylish “roses” graphic with “CS-graphic” print-technology
- Including the best twinser fins on the market
- 3 sizes



TWINSER WAVE

RAVE	71	78	85
length	230	232	234
width	53	55.5	58
volume	71	78	85
weight	6.2	6.6	6.3
fin size	15.5	16	16.5
fin box	Twin US box		
fin range	14-16.5	15-16.5	15-17
sail range	3.0-5.0	3.5-5.5	4.0-6.2
technology 71 - 78	Semi-Custom Carbon/Kevlar PVC Double-Sandwich		
technology 85	Semi-Custom Carbon/Kevlar PVC Single-Sandwich		



RAVE – not just a trend!

Back in the 90's twinser wave boards were trend boards that performed just in certain conditions.

Over all this years the sails and boards improved and time has come where new shapes and fins make Twinser boards work well and give them a wide range of use. We tried twinser fins on all kind of boards and we even fitted them on our production Rebel to see what is happening and the result was great!

Our final decision was to launch the Twinser fins on some nice decent waveride boards to make all soul riders happy, travelling around the world on the search of the perfect wave.

In combination with the stylish "Roses" graphic everyone can have his joy to rip the endless summer and get the sickest pictures for the album...!

Twinser – try it out – you will be surprised!

- Balanced volume distribution and widest point in front of the middle to feel save and ready to catch the dream waves
- Single into double concave bottom shape for a smooth ride with a lot of grip in the turns
- Pin tail and a straight harmonic outline to get the speed, control and drive on fast running waves
- Nice curved bottom line and thin rails to get the maximum carve in the bottom turn and cut backs
- Variable strap positions with changeable angle to set up the board for individual needs and conditions



the secret behind

Scoop-Rocker-Line

- Similar to our Rebel the Rave scoop-rocker-line has found his strength in early planing and smooth ride to catch the biggest wave, blast downwind, carve the bottom turn with confidence and slice the cutback at the right time at the right spot.
- A flatter nose area lets the board carve nice speed-turns on the wave mountain.

Outline

- The pintail and the widest point in front of the board-middle makes the board fast and loose to get maximum performance.
- The wider nose gives buoyancy and never lets you go down when hitting the white water on too-late cutbacks.

Deck Shape

- Slightly flatter than the Rebel to get the maximum board contact and responsibility to toe/heel pressure.

Bottom Shape

- Slight V in the nose area makes the board always hit back on late cutbacks.
- Single concave under the mast track makes the board plane early and gives a smooth ride.
- Double concave under the footstrap lets the board track nicely while blasting along the wave-line and gives a lot of grip while carving the turn.
- Flat V in the tail releases the water clean to get top speed and easy switch from rail to rail.

Rails

- Boxy rails in the nose area for best buoyancy and water release when hitting the white water on late cutbacks.
- Slightly thinner rails than the Rebel through the middle area and tail give the ultimate grip in fast-carved turns.

Footstraps

- Multiple insert set-ups allow all sailors to adjust the position to their foot and style for jumping or/and wave riding.

Construction

- Rave 71, 78: Semi Custom Carbon/Kevlar double-sandwich
- Rave 85: Semi Custom Carbon/Kevlar single-sandwich
- Sanded colour “unfinished-look” to minimise the weight

Fins

- Choco Fins: CNC-G10 “Twinz”

KEY FACTS



FREESTYLE

RIDER:

New School Freestylers who love to spin themselves in an other dimension

- Radical New School Freestyle Board
- Unique “CS-graphic” print-technology
- Tonky uses only production Chilli’s in the world cup
- New construction: same weight but stronger
- 2 sizes



FREESTYLE

CHILLI	99	108
length	232	234
width	63	68
volume	99	108
weight	6.1	6.5
fin size	23	25
fin box	Powerbox	
fin range	18-25	20-27
sail range	4.0-6.6	4.5-7.2
technology	Semi-Custom Carbon/Kevlar PVC Sandwich	



CHILLI – 100% New School Freestyle

Meanwhile almost a new sport with endless variations and combinations of manoeuvres.

Who doesn't train will loose the connection and will not improve.

The Chilli is the today's ultimate New School Freestyle weapon and helps you to learn the manoeuvres and get you ahead with better style.

When others come to the limit you jump straight over the barrier and show-off with your latest move learned on the Chilli!

Chilli – the style master itself!

- Short and wide shape to get early onto plane and have the platform to flip, slide and spin
- Flat V bottom shape to have a clean water flow and minimised water resistance while spinning
- Slight double concave in the nose to get the tracking for fin first moves
- Thin rails to get the grip for carved manoeuvres
- Dome deck in the strap area for the best grip in the straps and flat deck trough the middle section for a flat standing walking platform



the secret behind

Scoop-Rocker-Line

- The unchanged bottom curve stands for early planing, explosive acceleration with top speed and easy pop off the water.

Outline

- Chilli outline curve – a standard in our Freestyle-range.
- Modern short and wide body style lets the board feel loose and playful under the feet – slide and rotate like on a plate.

Bottom Shape

- Flat V under the masttrack through the tail to get smooth, clean water flow in slides and rotations.
- Double-concave in the front area for controlled fin first nose slides.

Deck Shape

- Dome deck in the foot-strap area is important to get board contact and grip under the feet.
- Flatter deck around the masttrack area to feel solid on the dance floor.

Rails

- Round rails for a lot of control and smooth slide in all rotation moves.
- Thin rails to get the grip in carving manoeuvres.

Tail-Cut / Spock-Tail

- Tail cuts reduce the area around the fin to get better acceleration, top speed and better pop off the water.
- Spock-tail avoids the tail catching in chop and supports the backward slide.

Footstraps

- 3 straps positioning

Construction

- Semi Custom Carbon/Kevlar PVC-sandwich
- Sanded colour “unfinished-look” to minimise the weight

Fins

- Choco Fins: composite “Royal Flush”

KEY FACTS



JUMP & JIBE

RIDER:

Everyone who loves jumping, jibing and rip moderate waves but still doesn't want to compromise some speed sessions or simply cruising along the coast.

- Jump & Jibe: a “fun” board for all kind of conditions
- One of the most versatile boards in the range
- High tech construction finally guaranties light weight
- Unique “CS-graphic” print-technology
- 3 sizes



JUMP & JIBE

VIBE	84	94	104
length	240	242	244
width	58.5	60.5	62.5
volume	84	94	104
weight	6.2	6.5	6.9
fin size	24	26	28
fin box	Powerbox		
fin range	20-26	22-28	24-30
sail range	3.5-6.0	4.0-6.4	4.5-6.8
technology	Semi-Custom PVC-Composite		



VIBE – Jump & Jibe

Freestyle-Wave, Wave-Slalom, Freemove,..., how ever, lets just name it like in the old days “Jump+Jibe”.

We all know how jump and jibe brought fun into the sport and have one board to do it all is just what is needed again to remember the good days of “Funboarding”!

The Vibe is the “fun” board for all sailors who love to jump, jibe and rip some moderate waves but still don't want to compromise some speed sessions or simply cruising along the coast with 3 or 4 straps.

Vibe - it is just pure fun all the time.

- A bit longer and narrower shape to get early planing and an easy handling
- Double concaves with side flats in the front area for a controlable and smooth ride
- Flat V in the back area and the narrow tail makes jibing and turning very easy
- Balanced volume distribution and harmonic deck shape to get the grip under the feet and feel comfortable in the footstrap area with 3 or 4 strap positioning



the secret behind

Scoop-Rocker-Line

- The rocker-line is coming of the Chilli and we added some more curve in the tail. Good early planing and easy turning in jibes or on moderate waves is the result.
- A little nose kick avoids nose-diving when playing in wavy conditions.

Outline

- A little bit straighter and longer outline than the Chilli gives the board an equal volume distribution, lets it plane early and controllable.
- The narrower tail is easy to turn into jibes and it carves nicely on the waves.

Bottom Shape

- Double concaves with side flats under the mast track let the board dive into the chop softly and give a smooth run with a lot of comfort.
- Flat V under the foot straps through the tail lets the board switch easy from rail to rail and makes jibing and wave turns become pure pleasure.

Deck Shape

- The deck got a nice round shape to get good foot contact and grip in the 3-strap-positioning for manoeuvres and wave riding. With 4 straps it feels nicely curved on the rail to get a comfortable run and have good foot pressure to make some fast speed runs.

Rails

- In the front the rail is rounded harmonic to let the board glide smoothly over the chop and have a soft water flow in the jibes.
- Under the back foot the rails get sharper to achieve a clean water flow off the tail to get speed and the noticeable grip in the curve.

Footstraps

- Variable positioning for 3 and 4 foot straps allows the rider to have the perfect set-up in all kind of conditions.

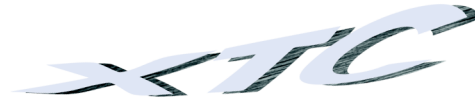
Construction

- Semi-Custom PVC-Composite
- Sanded colour “unfinished-look” to minimise the weight

Fins

- Choco Fins: composite “Jump&Jibe”

KEY FACTS






FREERIDE
FREEMOVE

RIDER:

Everyone who loves jumping, jibing and tries his first steps in freestyle but still doesn't want to compromise blasting up and down the spot.

- Test winner in magazines
- Just light weight construction
- Unique "CS-graphic" print-technology
- Best allround board for intermediate
- Small freerider and a good choice for freestyle beginners
- 3 sizes

			<div>FREERIDE</div> <div>FREEMOVE</div>																																								
	<table><tr><th>XTC</th><th>95</th><th>105</th><th>115</th></tr><tr><td>length</td><td>238</td><td>240</td><td>242</td></tr><tr><td>width</td><td>58</td><td>62</td><td>67</td></tr><tr><td>volume</td><td>95</td><td>105</td><td>115</td></tr><tr><td>weight</td><td>6.1</td><td>6.5</td><td>6.8</td></tr><tr><td>fin size</td><td>28</td><td>30</td><td>32</td></tr><tr><td>fin box</td><td colspan="3">Powerbox</td></tr><tr><td>fin range</td><td>24-30</td><td>26-32</td><td>28-34</td></tr><tr><td>sail range</td><td>4.0-6.2</td><td>4.5-6.8</td><td>5.0-7.5</td></tr><tr><td>technology</td><td colspan="3">Semi-Custom PVC-Composite</td></tr></table>	XTC	95	105	115	length	238	240	242	width	58	62	67	volume	95	105	115	weight	6.1	6.5	6.8	fin size	28	30	32	fin box	Powerbox			fin range	24-30	26-32	28-34	sail range	4.0-6.2	4.5-6.8	5.0-7.5	technology	Semi-Custom PVC-Composite				
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sail range	4.0-6.2	4.5-6.8	5.0-7.5																																								
technology	Semi-Custom PVC-Composite																																										
<div><div>XTC – the Allrounder</div><div>Similar to the Vibe, the XTC is a “fun” board for all kind of conditions with the difference that the Vibe is oriented for waves while the XTC is more oriented for flat water.</div><div>This board is for whoever loves jumping, jibing and try some Freestyle tricks but still don't want to compromise some speed sessions or simply cruising up and down the spot with 3 or 4 straps.</div><div>XTC – addicted to fun!</div><div><div><div>➤</div><div>Perfect length and with ratio for a loose sailing feeling and easy handling</div></div><div><div>➤</div><div>Flat Scoop-Rocker-line and balanced volume distribution to get early planing and good top speeds</div></div><div><div>➤</div><div>Double concave with side flats in the front area for a controllable and smooth ride</div></div><div><div>➤</div><div>Harmonic rails and a flat V in the Tail area make the board become the jibe master</div></div><div><div>➤</div><div>Variable strap positioning to set up the board with 3 straps for bump&jump or the first steps into Freestyle and 4 straps for a comfortable stands on the rails to get good leverage to make some fast speed runs</div></div></div></div>																																											



the secret behind

Scoop-Rocker-Line

- The Scoop-Rocker-Line was defined through years and has now his own curve.
- Early planing, good acceleration and top speed are the outstanding performance of this board.

Outline

- Also the outline we changed over the years to define the performance.
- Manoeuvrability and easy handling are the results of the development.

Deck Shape

- Nice round deck got a nice round shape to get good foot contact and grip in the 3-strap-positioning for endless jump and jibe fun and basic Freestyle manoeuvres.
- With 4-straps it feels nicely curved on the rail to get a comfortable run and have good pressure to make some fast speed runs.

Bottom Shape

- Double concaves with side flats under the masttrack let the board dive into the chop softly and give a smooth run with a lot of comfort.
- Flat V under the foot straps through the tail lets the board switch easy from rail to rail and makes jibing and Freestyle manoeuvres very easy.

Rails

- In the front the rail is rounded harmonic to let the board glide smoothly over the chop and have a soft water flow in the jibes.
- Under the back foot the rails get sharper to achieve a clean water flow off the tail for good speed and noticeable grip in the curve.

Footstraps

- Variable positioning for 3 and 4 foot straps allows the rider to have the perfect set-up in all kind of conditions.

Construction

- Semi-Custom PVC-Composite
- Sanded colour “unfinished-look” to minimise the weight

Fins

- Choco Fins: composite “Freeride”

KEY FACTS



FREE RIDE

RIDER:

Beginners, intermediate and advanced sailors who love to enjoy their free time on the water

- A versatile Freeride Board for all level of sailors and conditions
- Early planing, easy jibing with sportive feel
- Two constructions: “AIR” stands for light weight
- Unique “CS-graphic” print-technology
- 4 sizes to avoid overlap with the other board categories



FREE RIDE

VANTAGE	125	135	145	155
VANTAGE AIR				
length	245	255	255	255
width	69	72	76	80
volume	125	135	145	155
weight	8.4	8.8	9.4	9.8
weight "AIR"	7.9	8.2	8.5	8.8
fin size	38	45	48	50
fin box	Powerbox			
fin range	34-42	40-48	44-52	46-54
sail range	5.0-8.5	5.0-9.0	5.0-9.5	5.0-10.0
technology	Single-Shot Wood-Composite			
technology "AIR"	Semi-Custom PVC-Composite			



VANTAGE – the Cruiser

The Freeride board for everyone who just loves to be on the water and enjoys his free time.

Intermediate, advanced, even Beginners will have fun on the Vantage. The board planes early and is easy to ride. Variable footstrap positioning possibilities allows everyone to adjust the board for his skills.

Offered in two different constructions to satisfy needs of the customer.

Vantage – take it, try it, and love it!

- Perfect length and balanced volume distribution offers a stable standing platform and an exciting loose gliding feeling
- A longer flat on the bottom shape stabilises the board and makes it easy controllable and early planing
- Double concaves with side flats in the front area for a smooth ride
- Harmonic rails and a flat V in the tail area makes the board easy jibing
- Variable strap positioning to set up the board for different level of sailors: the inner strap positioning for beginners and intermediates and an outer 4 strap set-up for a comfortable stand on the rails to get good leverage for fast runs



the secret behind

Scoop-Rocker-Line

- Comfortable without scarifying performance. A longer flat makes the board stable and simplifies the passive early planing and acceleration.

Outline

- Harmonic round outline makes the board feel loose and alive.
- Round curve in the tail area for reactivity and easy jibing.

Deck Shape

- Flat dome deck and good volume distribution gives maximum stability and easy standing at all times.
- On the outer strap position the rail feels nicely curved to get a comfortable run and have good pressure to go upwind and make some fast runs.

Bottom Shape

- Double concaves with side flats under the masttrack let the board dive into the chop softly and give a smooth run with a lot of comfort.
- Flat V under the foot straps through the tail lets the board switch effortlessly from rail to rail and makes jibing and manoeuvres become easy.

Rails

- In the front the rail is rounded harmonic to let the board glide smoothly over the chop and have a soft water flow in the jibes.
- Under the front strap the rails get sharper to achieve a clean water flow off the tail and to get early planing and good acceleration.

Footstraps

- Variable positioning for all levels of sailors.

Construction Vantage

- Single-Shot Wood-Composite

Construction Vantage Air

- Semi-Custom PVC-Composite
- Sanded colour “unfinished-look” to minimise the weight

Fins

- Choco Fins: composite “Freeride”

KEY FACTS



FREE SLALOM

RIDER:

The ambitious recreational racer who loves to chase GPS top speeds and race his friends

- Successful board with amazing feedback
- Test winner in magazines
- NEW: with Tuttle Box
- SX performance with ease of use
- Unique “CS-graphic” print-technology
- 3 sizes



FREE SLALOM

RX	120	132	144
length	240	240	240
width	68	74	80
volume	120	132	144
weight	7.0	7.4	7.9
fin size	37	43	49
fin box	Tuttlebox		
fin range	34-40	40-46	46-52
sail range	6.0-8.5	6.5-9.0	7.0-10.0
technology	Semi-Custom PVC-Composite		



RX – the sportster!

Truly a surprising board with amazing feedback trough the season. A Free-Slalom board for the ambitious recreational racer who loves to chase GPS Top speeds and race his friends.

The test winner in magazines proves the performance and we are glad to offer you again 3 sizes of our sportster.

RX – a true blast machine!

- Slightly longer than our slalom boards to get earlier passive planing and have more control in stronger winds
- Double concave with side flats in the front area for a smooth ride
- Harmonic rails and a flat V in the tail area makes the board jibe easy
- Nicely round curved deck shape with outer straps to get good pressure under the feet and push for top speed



the secret behind

Scoop-Rocker-Line

- Slalom curve with slight longer flat to get more control and easiness.
- A bit more scoop than our slalom boards to give more safety when blasting over the waves.

Outline

- Copied of our slalom boards and modified 5cm longer to get more control and easiness.

Deck Shape

- Flat dome deck and good volume distribution to give stability and safe standing at all times.
- Nicely round curved in the strap area to get a comfortable ride and have good pressure for top speed.

Bottom Shape

- Double concaves with side flats under the masttrack let the board dive into the chop softly and give a smooth run with a lot of comfort.
- Flat V under the foot straps through the tail makes the board track nicely and allows to initiate the jibe easy and controllable.

Rails

- In the front the rail is rounded harmonic to let the board glide smoothly over the chop and have a soft water flow in the jibes.
- Under the front strap the rails get sharper to achieve a clean water flow off the tail and to support early planing, good acceleration and top speed.

Footstraps

- 4 strap positioning

Construction

- Semi-Custom PVC-Composite
- Sanded colour “unfinished-look” to minimise the weight

Fins

- Choco Fins: CNC G10 “Freerace”

KEY FACTS



SLALOM

RIDER:

Competition expert and speed junkie

- SX Team Edition is finally available!
- Totally new shapes – already tested through the competition season
- Very light weight construction
- PWA Slalom World Champion 2008 – female
- High performance fin: used by world cup riders (also other brands)
- Unique “CS-graphic” print-technology
- 7 sizes



SLALOM

SX	56	58	63	68	77	81	85
length	235	235	235	235	235	235	235
width	56	58	63	68	77	81	85
volume	80	85	95	105	120	135	145
weight	5.3	5.4	5.8	6.2	6.8	7.2	7.8
fin size	29	31	34	36	42	46	50
fin box	Tuttlebox						
fin range	26-34	28-36	30-38	34-40	38-46	42-50	44-54
sail range	4.0-6.5	5.0-7.5	5.5-8.0	6.0-8.0	7.0-9.0	7.5-10.0	8.0-11
technology	Semi-Custom Biax-Carbon PVC-Sandwich						



SX – the legend

The limited Edition of SX was tested by our riders through the whole competition season.

Now we defined the boards and will bring them on the 2009 market.

Complete new shapes with the basic of the legendary SX and noticeable Improvement in control and handling. Our Team riders are stoked about the performance and can't wait for the 2009 competition season.

SX – it will bring you to the next level!

- Fast scoop-rocker-line with little water resistance to get best acceleration and top speed
- Increasing V in the middle section lets the rail line glide higher above the water and has less resistance to get even more top speed and control
- Double concaves with side flats in the front area for a smooth ride
- Flat deck shape and a narrow tail make the board responsible on foot pressure and controllable in the jibes
- Adjustable tail cut-outs for better acceleration and top speed and precise trim for all condition



the secret behind

Scoop-Rocker-Line

- A new curve with higher section from 170-210cm and slight lower nose glides smoother through the water and has overall less resistance.
- The new curve is higher but flatter and the less resistance benefits the early planing, top speed and easiness in the jibes.

Outline

- A slightly narrower tail and the widest point further forward leads to better control, a higher top speed and easier initiation of the jibe.

Deck Shape

- The new deck shape is very flat and gives a lot of foot contact and heel/toe reactivity.
- To still get the nice curved shape and the leg pressure to push top speed in the strap area we raised the footpad towards the middle of the board.

Bottom Shape

- Increasing V under the masttrack lets the rail line glide higher above the water and touches less the chop so it does not disturb the position of the board.
- The straighter rail line also gives more drive in jibes.
- Double concaves with side flats under the masttrack are taken over from the old SX and let the board dive into the chop softly and give a smooth run with a lot of comfort.
- Flat V under the foot straps through the tail lets the board track nicely and initiates the jibe easy and controllable.

Cut-outs / Adjustable plates:

- The cut-outs around the fin reduce the area and gives more top speed.
- Slight wider area behind the fin keeps the board flat and planing after jibes.
- With the adjustable cut-outs everyone can trim his board for all kind of conditions.

Rails

- Slightly thicker rails are needed to keep the volume in balance.
- The slightly thicker rails are more forgiving, stabilize the board and avoid that the rail is sucking into the dirty rough water from other sailors around the mark.
- In the front the rail is rounded harmonic to let the board glide smoothly over the chop and have a soft water flow in the jibes.
- Under the front strap the rails get sharper to achieve a clean water flow off the tail and get early planing, good acceleration and top speed.

Footstraps

- 4 strap positioning

Construction

- Semi-Custom Biax-Carbon PVC-Sandwich
- Sanded colour “unfinished-look” to minimise the weight

Fin

- Choco Fins: CNC G10 “Slalom”

KEY FACTS



SPEED

RIDER:

Competitive speed sailor and ambitious recreational racer who is chasing best speeds.

- Production Speed World Record: 46,57 Knots!!!
- 1st place: manufacturers ranking Speed:World:Cup
- Speed World Champion 2008 – Female
- Speed Vice World Champion 2008 - Male
- Unique “CS-graphic” print-technology
- 2 sizes



SPEED

MISSILE	43	49
length	225	227
width	43	49
volume	54	66
weight	4.0	4.4
fin size	26	28
fin box	Tuttlebox	
fin range	22-28	24-32
sail range	4.0-6.5	5.0-7.5
technology	Semi-Custom Biax-Carbon PVC-Sandwich	



MISSILE – 46.57 knots Production World Record Holder

Speed sailing has many roads and all over the world are top spots with potential record conditions. Many sailors have found their challenge and trying everything to rise the speed times.

The Missile is the fastest production board in the world and it has proven his strength in all kind of conditions no matter if flat-water-side-shore Namibia, gusty-choppy-technical Fuerteventura or record attempt hardcore-windy canal and Southend.

Missile – always ready to blow fast times!

- Fast scoop-rocker-line with a lot of control at all times
- Narrow tail and straight curve between the strap increase the top speed and control in the chop
- Double concaves with side flats under the masttrack to get a smooth run at high speeds
- Flat V in the tail releases the water clean and fast
- S-Deckshape one of the key features for a comfortable sailing position to feel save and get trust to go even faster



the secret behind

Scoop-Rocker-Line

- World record scoop-rocker-line of Patrik Diethelm – fast and controllable any time.

Outline

- Narrow tail, straight curve between the straps and the widest point in front of the middle is the combination to get top speed and good control

Deck Shape

- The S-Deckshape is one of the key features of this board and a comfortable sailing position to feel save and get trust to go even faster.

Bottom Shape

- Double concaves with side flats under the masttrack to get a smooth run at high speeds.
- Flat V in the tail releases the water clean and fast.

Rails

- The boxy rails let the water flow lower and avoid a sticky feeling and it helps as well going better upwind in speed competitions.

Footstraps

- 4 strap positioning

Construction

- Semi-Custom Biax-Carbon PVC-Sandwich
- Sanded colour “unfinished-look” to minimise the weight

Fins

- Choco Fins: CNC G10 “Speed”

KEY FACTS



FORMULA

RIDER:

Expert in course racing and everyone who loves to be the first one planing in light winds

- The only new formula board on the market in 2009!!!
- Results sell this product: several 1st places at the Europeans 2008
- Adjustable Cut Outs
- Air Pipes
- 2 sizes



FORMULA

FX	VI	Z
length	230	230
width	100.5	100.5
volume	150	155
weight	9.3	9.4
fin size	-	-
fin box	Deep Tuttlebox	
fin range	60-70	60-70
sail range	9.0-12.5	9.0-12.5
technology	Semi-Custom Biax-Carbon Acrylic-Sandwich	



FX Z – the racing machine

Formula windsurfing is a very specific discipline that demands the very best equipment to be on the top. The new FX Z is the absolute course race space ship to get upwind like nothing else and be first at the top rounding mark. Lightwind is the very favourite condition of this board and it is unbelievable how much angle this board climbs upwind without losing speed.

FX – the space ship to the podium!

- Lower scoop-rocker-line and wide tail to get early planing and the maximum upwind angle
- Round outline curve and flat V in the tail area let the board rail easier to the leeward side and brings top speed and acceleration
- Increasing V under the masttrack let the rail line glide higher above the water and has less resistance on all reaches
- Double concave with side flats in the front area for a smooth ride
- Adjustable tail cut-outs for better acceleration, top speed and precise trim for all conditions



the secret behind

Scoop-Rocker-Line

- A new curve with higher section from 170-210 and lower nose glides smoother through the water and has overall less resistance.
- The new curve is higher but flatter and the less resistance benefits the early planing, tracking angle going upwind and top speed going down wind.

Outline

- A wide outline to get as much upwind angle as possible.
- Round curve in the tail for the acceleration and top speed on all reaches.

Deck Shape

- Flat in the middle area through the whole length to have less material and little weight as possible.
- Raised Tail to get a lot of foot-pressure going upwind.

Bottom Shape

- Increasing V under the masttrack let the rail-line glide higher above the water and touches less the chop so it does not disturb the tracking of the board going upwind.
- The straighter rail-line has also less resistance going down wind and makes the board fast.
- Double concaves with side flats under the masttrack let the board dive into the chop softly and give a smooth run with a lot of comfort.
- Flat V under the foot straps through the tail to get top speed and let the board rail nicely to the leeward side to track better upwind.

Cut-outs / Adjustable plates:

- The cut-outs around the fin reduce the area and give more top speed and acceleration.
- With the adjustable cut-outs everyone can trim his board for all kind of conditions.

Rails

- 90 degrees sharp rails in the middle section let the board track upwind.
- Sharp rails through the tail to achieve a clean water flow off the rail and get early planing, good acceleration and top speed.
- Bevel in the nose area to avoid the water catching the rail and disturbing the balanced position on all reaches.

Footstraps

- 4 strap positioning

Construction

- Semi-Custom Biax-Carbon Acrylic-Sandwich
- Sanded colour "unfinished-look" to minimise the weight

Fins

- No fin

KEY FACTS

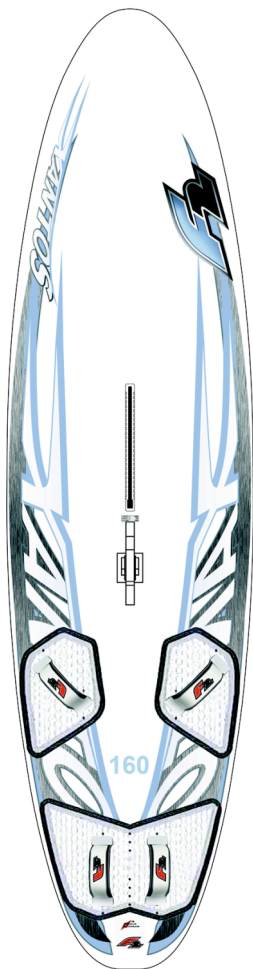


FREERIDE CLASSIC

RIDER:

Beginners, intermediate and advanced sailors will find their fun on this legendary classic Freerider

- Lighter construction
- Higher value looking board due to unique “CS-graphic” print-technology
- Classic Freeride Concept: longer and narrower
- Low price
- 4 sizes, one size with daggerboard



FREERIDE CLASSIC

XANTOS	130	140	150	160
length	260	263	266	280
width	66	71	76	72
volume	130	140	150	160
weight	8.9	9.6	10.3	12
fin size	38	45	48	48
fin box	Powerbox			
daggerboard	no	no	no	yes
fin range	32-40	36-48	40-50	34-50
sail range	2.0-8.0	2.0-8.5	2.0-9.0	2.0-10.0
technology	Single-Skin Biax-Composite			



XANTOS – good performance & hot price

Legendary name – legendary board. We started to sell this concept to get some very old shapes off the market and try to bring the customer closer to the today's wide body trend. At the moment it looks more like the "oldies" are taking over the wide body era and the market offers more and more "old style" boards again.

Not only the price is hot but the Xantos has a very attractive shape between "old style" and "wide-body" boards, which seem surprisingly requestet today.

The Xantos – a legend that goes on!

- A long flat on the bottom shape stabilises the board and makes it easy controllable and early planing
- Round and narrow outline in the tail makes the board reactive and feel loose
- Double concave with side flats in the front area for a smooth ride
- Harmonic rails and a flat V in the tail area make the board easy jibing
- Outside strap position in the front and variable positioning in the back



the secret behind

Scoop-Rocker-Line

- A long flat stabilises the trim of the board and brings early planing and a loose sailing feeling.

Outline

- A narrow and round outline in the tail gives the board the necessary reactivity and a better handling.

Deck Shape

- Flat dome deck and good volume distribution provide stability and easy standing at all times.
- On the outer strap position the rail feels nicely curved to get a comfortable run and have good pressure to make some fast runs.

Bottom Shape

- Double concaves with side flats under the masttrack let the board dive into the chop softly and give a smooth run with a lot of comfort.
- Flat V under the foot straps through the tail let the board switch directly from rail to rail and makes jibing and manoeuvres become easy.

Rails

- In the front the rail is rounded harmonic to let the board glide smoothly over the chop and have a soft water flow in the jibes.
- Under the front strap the rails get sharper to achieve a clean water flow off the tail and get early planing and good acceleration.

Footstraps

- Outside position in the front and variable positioning in the back.

Construction

- Single-Skin Biax-Composite

Fins

- Choco Fins: Composite "Freeride"

KEY FACTS



ENTRY

RIDER:

Not just a simple beginner board but also a sophisticated allrounder to have fun for everyone.

- Sophisticated shape features for fast self-learning progress
- Double Rail and single concave deck concept
- Good planing performance
- 3 sizes



ENTRY

DISCOVERY	S	M	L
length	280	270	275
width	71	80	90
volume	165	185	225
weight	12.5	13.8	14.9
fin size	35	35	35
fin box	Powerbox		
fin range	34-48	34-50	34-50
sail range	2.0-10.0	2.0-10.0	2.0-10.0
technology	Single Shot ASA / EVA High-Resistance Skin		



DISCOVERY – the self learning board

Not just a simple beginner board but also a sophisticated allrounder to have fun for everyone.

On one side it is a smart board with features for a deep and fast self-learning progress. In second the Discovery offers an exiting performance for intermediate or advanced sailors.

Beginners can learn to plane within 10 hours while the schoolteachers will have the pure pleasure with exciting rides to follow back and forward his all over spread rookies.

Discovery – the smart choice!

- A long flat stabilizes the trim of the board and brings early planing and a loose sailing feeling
- Double concaves with side flats for a smooth ride
- Flat V and a narrow tail makes jibing easy and gives great manoeuvrability
- Single concave and narrow double sided deck forces the beginner to stand in the middle of the board and give a exciting ride when planing in the straps
- Double step rail lets the board sink easy into the water when initiating the turn and makes jibing easy
- Cut-outs to get a loose and exiting planing feeling
- Variable positioning for all kind of sailing levels



the secret behind

Scoop-Rocker-Line

- A long flat stabilises the trim of the big board and brings early planing and a loose sailing feeling.

Outline

- A round outline in the tail gives the board the necessary reactivity for a better handling.

Bottom Shape

- Double concaves with side flats under the masttrack let the board dive into the chop softly and give a smooth run with a lot of comfort.
- Flat V under the footstraps through the tail let the board switch directly from rail to rail and makes jibing and manoeuvres become easy.

Cut-Outs

- The cut-outs around the fin reduce the area and let the board feel more free and exciting while planing.

Deck Shape

- A mono concave forces the beginner to stand in the middle of the board. As soon as he walks backwards he feels the rising flat and will automatically move forward again to the centre of the board.
- The double-sided deck is also narrower and constricts the beginner to stand in the middle of the board. If he is standing too much on the rail he will feel the edge and not step further back even if the board is much wider and supports the weight and doesn't tip over.
- The double-sided deck gives a nice comfortable stand in the strap area while the real width is much wider and supports the weight of the sailor, as the short beginner-fin doesn't have enough leverage to keep the board in a flat position.

Double Step Rails

- The double step rail makes the board feel smaller as it is and gives a nice reactive feeling while planing.
- In jibes the double step rail is much thinner so the wide board can sink in the water and initiate the arc very easily.

Footstraps

- Variable in and outboard positions

Softdeck

- Soft EVA covers the whole deck area. It offers ultimate comfort for the whole family and increases the surface durability.

Daggerboard

- The daggerboard is very easy to handle.
- In use it increases the stability of the board and helps to track upwind.

Construction

- ASA/EVA High Resistance Skin

Fin

- Choco Fins: Polyester "Entry"