

WAVE

The Trailer Wave concept changed the way we think about design and has carved a path that influences every PATRIK wave board. Only few shapers are experienced in this new style while most others still sacrifice critical characteristics such as early planing, acceleration and speed to accomodate that one choosen fin set up. To ensure this isn't the case with our boards, all PATRIK wave shapes are designed independently of the fin set up. This allows a rider to select a model according to their body size and riding level, then fine tune it with the fins to fit their particular surfing style and the prevailing conditions.

PATRIK Wave: If you've tried one, you know the concept - if not, believe us, you're missing out!



THE CONCEPT

Many people understand that smaller and/or lighter riders tend to have smaller feet and/or a lighter/lower leverage point and therefore they prefer narrower tails and they can also handle shorter boards. Taller and/or heavier riders with bigger feet and/or longer legs have a higher/heavier leverage point and tend to prefer a bit of extra board length and tail width to support their weight and power on the tail.

A similar principle also applies to sailing level. Pro's who drive their turns over the front foot and steer with the back, tend to opt for shorter shapes so they can carve short radiuses and close the turn over the narrow tail. Novice wave riders focus more on their back foot and need added width in the tail to support the additional force they exert over the tail so they don't lose too much speed during the turn. A little bit of additional length also helps novices to float around and tackle any white water.

Analysis of the above leads us to the conclusion that there is a need for two board shapes. One that is shorter with a narrower tail and another with a bit of extra length and more width in the tail. Both board shapes can be designed to an optimum performance ratio between early planing, acceleration, speed and turning ability regardless of the fin setup. With the trailer fin box arrangement of 3x 8" US boxes, the fin setup can be adapted to suit the conditions and an individual's riding style.

The majority of multi fin boards on the market today have very small fin boxes with minimal room for adjustment and this, combined with the board shape, means that each model has a very narrow band of conditions that it performs well in. Even if you're armed with plenty of fins, lots of time and knowledge, the boards will still be limited in their range of use and the only solution to cover a greater range of conditions will be to buy more boards. However, this is not true with our boards. Over the past couple of years, we have proven that there is no other fin box arrangement that allows for as many fin setups and allows for them to be set up and fine tuned as easily and quickly as with our versatile 3 fin box arrangement.

TrailerWave: Shorter with a narrower tail and a 3x US-box setup
TrailerWaveWide: Increased length with a wider tail and a 3x US-box setup
WaveOne: Identical shape to TrailerWaveWide, but with a single fin setup

DIMENSIONS	Length [mm]	Width [mm]	Volume [litre]	Tail Width at 300 [mm]	Nose Width at 2000 [mm]	Weight (+/-6%) [kg]	Strap Options & Insert Holes	Strap Quantity	Fin Box	Approved Series
TrailerWave 72	2250	530	72	331	361	6	5x4	3	3xUS 8"	-
TrailerWave 78	2260	555	78	349	390	6.3	5x4	3	3xUS 8"	-
TrailerWave 85	2270	580	85	361	420	6.5	5x4	3	3xUS 8"	-
TrailerWaveWide 75	2300	555	75	358	392	6.35	5x4	3	3xUS 8"	-
TrailerWaveWide 83	2340	585	83	380	434	6.55	5x4	3	3xUS 8"	-
TrailerWaveWide 92	2360	605	92	390	465	6.75	5x4	3	3xUS 8"	-
WaveOne 68	2280	545	68	329	363	5.8	5x4	3	1xUS 8"	-
WaveOne 75	2300	555	75	358	392	6.1	5x4	3	1xUS 8"	-
WaveOne 83	2340	585	83	380	434	6.3	5x4	3	1xUS 8"	-

SHAPE DETAILS	Type / Size	Description
Scoop Rocker Line	All	A balanced curve with zero flat spots throughout the whole bottom has proved its performance over the years. The result is early planing, smooth and controlled turns on the wave and in the gybes, combined with a comfortable ride.
Outline	TW 72, 78, 85 TWW 75, 83, 92 WO 68, 75, 83	A short and modern outline with a narrow tail ensures you will have the most wave riding fun in any conditions, from small messy waves to BIG point breaks!! Slightly longer than the Trailer Wave with a wider tail for even earlier planing and added support in the back strap. The wider tail is also more suitable for onshore conditions or even blasting on flat water in strong winds.
Bottom Shape	All	Slight vee in the nose area prevents it catching on upcoming waves/chop. Single concave through the mid section provides lift whilst also giving a cushioning feeling, which is softer to ride and allows it to plane earlier. The sharper centre line is due to a double concave under the footstrap area that lets the board track better and the more negative rails have increased grip in the turns. Flat vee in the last 20cm of the tail releases the water quickly and smoothly and minimises turbulence for all performance aspects.
Deck Shape	TW 72, 78, 85 TWW 75, 83, 92 WO 68, 75, 83	Maximum volume provides flotation on light wind days, making the true excitement of wave riding in smooth glassy water possible. Slightly rounded deck shape provides the perfect balance between having grip under the feet for jumping and allowing the toe/heel contact with the board for wave riding.
Rail Shape	TW 72, 78, 85 TWW 75, 83 TWW 92	Thinner at the nose to reduce weight, running into a harmonic mid section that allows the rail to dig into the water for carved turns when the rider's weight is moved forward and more floaty rails when closing turns and steering the board over the back foot. Sharp, thin rails in the tail for optimum grip in any turn. Thin at the nose to reduce weight, running into a thicker mid section compared to the smaller sizes to offer a bit more flotation support for heavier guys, ending with a sharp rail in the tail for optimum grip in any turn.
Inserts	All	A variety of inserts in the front allow riders to alter the angle and position of the footstraps to suit their style and foot size.

RANGE OF USE	Sailor Type (Weight & Size)			Sailor Skills			Ideal Wind Strength / Sailor Type			Water Conditions			Best Sail Size [m2]	Sail Range [m2]
	S	M	L	Entry	Advanced	Pro	Low	Med	High	Flat	Chop	Wave		
	< 70kg / < 170cm	70-90kg / 170-190cm	> 90kg / > 190cm	uphaul, gliding all reaches	waterstart, strap & harness, first jibes	moves, waves, speed	< 15 knt	15-25 knt	> 25 knt	Flatwater / chop: < 1m	chop / wind waves: < 2.5m	wind waves / swell: > 2.5m		
TrailerWave 72	●	●				●		S	S/M		●	●	3.7-4.7	3.0-5.3
TrailerWave 78	●	●	●			●	S	S/M	S/M/L		●	●	4.2-5.0	3.5-5.6
TrailerWave 85	●	●	●			●	S	S/M/L	M/L		●	●	4.7-5.3	4.0-6.2
TrailerWaveWide 75		●	●			●	M	M	M/L		●	●	4.2-5.0	3.5-5.6
TrailerWaveWide 83		●	●			●	M	M/L	M/L		●	●	4.7-5.3	4.0-6.2
TrailerWaveWide 92		●	●			●	M/L	M/L	L		●	●	5.0-5.6	4.5-6.7
WaveOne 68	●	●			●			S	S/M	●	●	●	3.7-4.7	3.0-5.0
WaveOne 75	●	●	●		●		S/M	S/M	S/M/L	●	●	●	4.2-5.0	3.5-5.6
WaveOne 83	●	●	●		●		S/M	S/M/L	M/L	●	●	●	4.7-5.3	4.0-6.2

FIN RANGE	Rec. Setup Thruster-Fin [mm]	Fin Range Thruster-Fin [mm]	Rec. Setup Single-Fin [mm]	Fin Range Single-Fin [mm]	Rec. Setup Tri-Fin [mm]	Fin Range Tri-Fin [mm]	Rec. Setup Trailer-Fin [mm]	Fin Range Trailer-Fin [mm]	Rec. Setup Twinzer-Fin [mm]	Fin Range Twinzer-Fin [mm]
TrailerWave 72	1x210 & 2x80	180-230 & 2x80-120	210	190-230	3x130	3x120-140	2x150 & 1x80	2x140-155 & 1x70-120	2x150	2x145-160
TrailerWave 78	1x220 & 2x80	180-240 & 2x80-130	220	200-240	3x135	3x125-145	2x155 & 1x80	2x145-160 & 1x70-130	2x155	2x150-165
TrailerWave 85	1x230 & 2x80	180-250 & 2x80-140	230	210-250	3x140	3x130-150	2x160 & 1x80	2x150-165 & 1x70-140	2x160	2x155-170
TrailerWaveWide 75	1x220 & 2x90	180-240 & 2x80-130	220	200-240	3x135	3x125-145	2x160 & 1x90	2x150-165 & 1x70-130	2x160	2x155-170
TrailerWaveWide 83	1x230 & 2x90	180-250 & 2x80-140	230	210-250	3x140	3x130-150	2x165 & 1x90	2x155-170 & 1x70-140	2x165	2x160-175
TrailerWaveWide 92	1x240 & 2x90	180-260 & 2x80-150	240	220-260	3x145	3x135-155	2x170 & 1x90	2x160-175 & 1x70-140	2x170	2x165-180
WaveOne 68	-	-	210	190-230	-	-	-	-	-	-
WaveOne 75	-	-	220	200-240	-	-	-	-	-	-
WaveOne 83	-	-	230	210-250	-	-	-	-	-	-
** All information is based on MB-Fin products										

FIN SETUP		All Sizes	
There are many ways to set up multi fin boards. In addition to fin size and position also shape, twist and flex of the fin need to be considered. However, to understand the basic options, you only need to answer 2 questions before and whilst you are sailing - then just go dark or bright!			
Before sailing:	Do you want plenty of grip in the tail, to feel safe and not risk the tail sliding out during your first session? <<< Go Darker <<<	Do you want the board to be very manoeuvrable, loose and slidy for tricks and wave riding action? >>> Go Brighter >>>	
Whilst you are sailing:	Does the board slide sideways too much and are you experiencing spinouts? <<< Go Darker <<<	Do you have too much grip, the board doesn't turn well, feels stiff and tracks in a straight line too much? >>> Go Brighter >>>	
Brigth			
- Smaller fins - Fins more forward		FIN SIZE & POSITION	
<<< More Loose		More Grip >>>	
		- Bigger fins - Fins more backward	
		Dark	

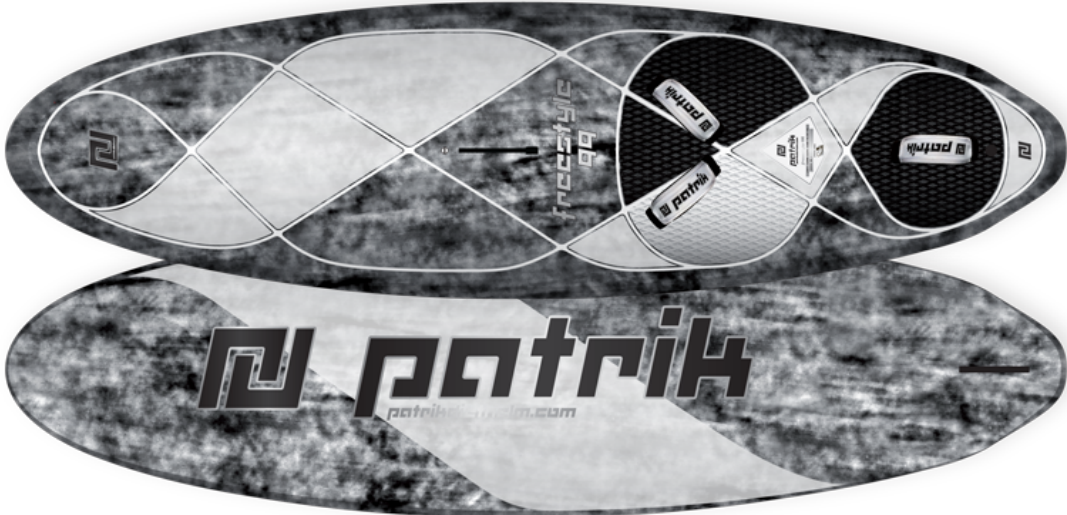
FIN SIZE & POSITION				Dark
Brighth	- Smaller fins - Fins more forward	<<< More Loose	More Grip >>>	- Bigger fins - Fins more backward
FIN SETUP	More Loose >>>	Twinzer 2x fins same size		
	<<< More Grip	Trailer 2x big fins in the front & 1x small fin in the back		
	<<< Dark	3-Fin 3x fins same size		
	<<< Dark	Single 1x big fin in the front		
Dark		Thruster 1x big fin in the back & 2x small fins in the front		

CONSTRUCTION	Wave All Sizes	
Intro	A wave board is often used in stronger winds and/or wave conditions where it is normal to jump and crash. When landing jumps, the board will be exposed to high stress loads on both the deck and bottom. The most flexible and stress load resistant material to build a suitable board with would be pure glass, but this is less than ideal in terms of impact resistance - just look at used surfboards where dings, cracks and holes are standard. It's inevitable that a wave board will experience some form of impact from a hard object - rig, rider or reef - at some point and this is where Kevlar excels. A pure carbon construction is too stiff for a smooth wave ride and just like pure glass, it is not the most impact resistant material. Kevlar is the right material to prevent damage from impact, but it is too soft to resist the stress load and so a full Kevlar construction would collapse within a short period of time. Our experience shows that a Carbon/Kevlar combination works best for the range of use of a wave board. With a 50% Kevlar the board is still flexible, but strong enough to resist the stress load, and the 50% Kevlar gives the resistance required to withstand impacts.	
	Technology	Composite Semi Custom Sandwich
Application	Core Material	EPS (Styrofoam)
	Sandwich Material	PVC Sheet
	Final Lamination	Deck: Full Carbon/Kevlar 90°-90° (Black Resin) / Bottom: Full Carbon/Kevlar 90°-90° (Black Resin)

FREESTYLE

What could be better than having team riders whose biggest concern for next season’s board is the colour of its graphics? Well, our graphic statement is clear, so you can rest assured we dedicate our time to making sure the shape is the best it can possibly be. Simply put, the FreeStyle is an incredibly easy board to sail - it planes early, is quick to accelerate, has a great top speed and pops, slides and carves with complete control. With this board you can fully concentrate on your moves, your style and be out there on the water for hours without tiring, so you can train hard for competitions or just have fun busting out your best moves and learning new tricks.

PATRIK FreeStyle: The most creative discipline in windsurfing requires creative people with performance shapes.



DIMENSIONS	Length [mm]	Width [mm]	Volume [litre]	Tail Width at 300 [mm]	Nose Width at 2000 [mm]	Weight (+/-6%) [kg]	Strap Options & Insert Holes	Strap Quantity	Fin Box	Approved Series
FreeStyle 90	2275	605	90	397	427	6	3x4	3	Power	PWA
FreeStyle 99	2280	635	99	434	426	6.3	3x4	3	Power	PWA
FreeStyle 107	2310	675	107	455	469	6.6	3x4	3	Power	PWA

SHAPE DETAILS	Description All Sizes
Scoop Rocker Line	The bottom curve has been taken from the Slalom range and adapted in the nose area to have a bit more height. Early planing, acceleration and top speed are the main performance aspects you need before you pop the board into a manoeuvre.
Outline	Short, new-school outline which is still long enough to get the air-lift under the nose for higher jumps. The length in front of the mast-track is also needed to have enough planing surface and a flatter curve when sliding backwards to allow for the pop in to the next rotation. The "kink" in the tail outline reduces the wetted surface area for increased acceleration, top speed and easier pop.
Bottom Shape	Flat panel Vee is still proven as the best all-in-one bottom shape for early planing performance, great acceleration and top speed. It also ensures the board remains reactive rail to rail and slides easily for multiple spins.
Deck Shape	The dome in the deck area around the back footstrap allows for essential grip under the feet. A flatter deck at the front footstrap and mast-track areas increases comfort when riding switch or not standing in the straps.
Rail Shape	Thin in the nose area to reduce weight. Boxy rails in the mid-section to avoid water sucking up the deck and to provide flotation throughout and after the moves. Medium sized rails in the tail to allow for flotation during moves whilst remaining grippy in the carve.

RANGE OF USE	Sailor Type (Weight & Size)			Sailor Skills			Ideal Wind Strength / Sailor Type			Water Conditions			Best Sail Size [m2]	Sail Range [m2]	Rec. Fin Size [mm]	Fin Range [mm]
	S	M	L	Entry	Advanced	Pro	Low	Med	High	Flat	Chop	Wave				
	< 70kg / < 170cm	70-90kg / 170-190cm	> 90kg / > 190cm	uphaul, gliding all reaches	waterstart, strap & harness, first jibes	moves, waves, speed	< 15 knt	15-25 knt	> 25 knt	flatwater / chop: < 1m	chop / wind waves: < 2.5m	wind waves / swell: > 2.5m				
FreeStyle 90	●	●				●	S	S/M	S/M	●	●		3.5-5.5	3.0-6.0	180	140-220
FreeStyle 99	●	●	●			●	S/M	S/M/L	M/L	●	●		4.5-6.0	4.0-6.5	200	160-240
FreeStyle 107		●	●			●	M/L	M/L	L	●	●		5.0-6.5	4.5-7.0	220	180-260

CONSTRUCTION	Freestyle All Sizes	
Intro	It's obvious that these boards need to be ready to take all kinds of impact from moves that don't go quite as planned. And, as tough as we make them, it's just not possible to avoid damage altogether, especially when the board is pushed to the extremes. However, we can proudly say that we probably have the strongest boards on the market. Carbon/Kevlar is the material combination we choose for both the deck <u>and</u> bottom to build a light and solid board that still allows a minor degree of flexibility. To protect the Kevlar from harsh UV-rays, allow the lightest possible finish and match our uniform graphic identity, the fibre is laminated with black resin and finished with a white coat which is sanded back by around 75%.	
Application	Technology	Composite Semi Custom Sandwich
	Core Material	EPS (Styrofoam)
	Sandwich Material	PVC Sheet
	Final Lamination	Deck: Full Carbon/Kevlar 90°-90° (Black Resin) / Bottom: Full Carbon/Kevlar 90°-90° (Black Resin)

FREESTYLEWAVE

Pro windsurfers often need competition to get their adrenalin hits. However, what's really interesting to see is the smiles on the faces of these same pros who hit the water during a photo shoot on freestylewave gear, clearly remembering what windsurfing's all about - FUN! Every windsurfer knows what it means to feel free and to be at one with mother nature - soul, fun, adrenalin, excitement, are just a few words used to describe this feeling. Windsurfing gives you the opportunity to recharge your batteries and re-motivate yourself by getting away from the everyday stresses of life and do what you really enjoy doing the most. Our FreeStyleWave range helps you achieve this in any conditions. Set it up with 3 straps for bump & jump, ride a few waves or bust out a few freestyle tricks. Set it up with 4 straps to gain more leverage over the rail to hit some adrenalin pumping speeds and blast straight past your mates, and if that's not enough, slot in a slalom fin and challenge the fastest slalom boards on the water.

PATRIK FreeStyleWave : Take your time - use it and get a smile on your face.



DIMENSIONS	Length [mm]	Width [mm]	Volume [litre]	Tail Width at 300 [mm]	Nose Width at 2000 [mm]	Weight (+/-6%) [kg]	Strap Options & Insert Holes	Strap Quantity	Fin Box	Approved Series
FreeStyleWave 86	2340	585	86	375	445	5.9	7x4	4	Power	-
FreeStyleWave 93	2350	605	93	390	462	6.2	7x4	4	Power	-
FreeStyleWave 102	2360	625	102	406	495	6.4	7x4	4	Power	-
FreeStyleWave 112	2370	645	112	426	516	6.7	7x4	4	Power	-

SHAPE DETAILS	Size	Description			
Scoop Rocker Line	FSW 86	A blend of Wave and Slalom rockers to give each board the versatility that's required for its range of use. Hints of Slalom for performance and Wave for control and maneuverability.			Increased tail rocker to gain additional Wave performance.
	FSW 93				Minimal tail rocker to achieve an equal performance ratio between early planing, acceleration, top speed, control and maneuverability.
	FSW 102, 112				Zero tail rocker for extremely early planing, acceleration, top speed and flat water maneuverability.
Outline	All	A harmonic outline with no extreme features - just a nice and clean, well-balanced curve from tail to nose for the most versatile range of use.			
Bottom Shape	All	Vee with double concave and side flats in the nose area and under the mastrack to provide a slightly softer and more controllable ride. Flat Vee in the tail area for easy rail to rail maneuverability and top speed.			
Deck Shape	All	A nice domed deck in the nose and the middle section to harmonize with the rail and hold the volume. Increased dome in the tail for better foot positioning and grip in the straps.			
Rail Shape	FSW 86, 93	Thin rails in the nose area to reduce weight. Thinner and sharper rails in the tail for increased grip in the turn and a clean water release for performance.			Oversized wave rails in the mid-section to maintain Wave characteristics but enough flotation to avoid the rail from digging too far into the water.
	FSW 102, 112				Boxy rails in the mid-section for increased flotation and balance support during gybes and flat water maneuvers.

RANGE OF USE	Sailor Type (Weight & Size)			Sailor Skills			Ideal Wind Strength / Sailor Type			Water Conditions			Ideal Sail Size [m2]	Sail Range [m2]	Rec. Fin Size [mm]	Fin Range FreeStyle [mm]	Fin Range Wave [mm]	Fin Range FreeMove [mm]
	S	M	L	Entry	Advanced	Pro	Low	Med	High	Flat	Chop	Wave						
	< 70kg / < 170cm	70-90kg / 170-190cm	> 90kg / > 190cm	uphaul, gliding all reaches	waterstart, strap & harness, first jibes	moves, waves, speed	< 15 knt	15-25 knt	> 25 knt	flatwater / chop: < 1m	chop / wind waves: < 2.5m	wind waves / swell: > 2.5m						
FreeStyleWave 86	●	●	●		●	●	S	S/M	S/M/L	●	●	●	4.5-6.0	4.0-6.5	260	160-220	220-260	160-220
FreeStyleWave 93	●	●	●		●	●	S	S/M	M/L	●	●	●	5.0-6.5	4.5-7.0	280	160-230	240-280	160-230
FreeStyleWave 102	●	●	●		●	●	S/M	M/L	M/L	●	●	●	5.5-7.0	5.0-7.5	300	160-240	260-300	160-240
FreeStyleWave 112	●	●	●	●	●	●	S/M	M/L	L	●	●		6.0-7.5	5.5-8.0	320	160-250	280-320	160-250

CONSTRUCTION

FreeStyleWave All Sizes

Intro	Just like our Wave, FreeStyle and FreeRide ranges, we believe that the most important aspect for FreeStyleWave is to have a strong construction - nobody likes missing out on a session because their board is damaged and in for repair! The Carbon/Kevlar construction on both the deck and bottom is not only incredibly tough and very light, resulting in increased performance, but it's also long lasting, so you can enjoy your PATRIK board for a long time. To protect the Kevlar from harsh UV-rays, allow the lightest possible finish and match our uniform graphic identity, the fiber is laminated with black resin and finished with a white coat which is then sanded back by about 50%.			
Application	Technology		Composite Semi Custom Sandwich	
	Core Material		EPS (Styrofoam)	
	Sandwich Material		PVC Sheet	
	Final Lamination		Deck: Full Carbon/Kevlar 90°-90° (Black Resin) / Bottom: Full Carbon/Kevlar 90°-90° (Black Resin)	

FREERIDE

Our Freeride designs are built for the long term. They're tested over a two year development cycle with direct input from a select group of Freeriders in combination with Patrik's wealth of experience. The shapes are specifically designed to be more comfortable and user friendly in all aspects of freeriding, including early planing, controlled blasting and easy gybing. The lightweight construction adds to the early planing and easy gybing characteristics, whilst also improving acceleration and top speed - something you probably won't feel whilst out on the water alone due to the easy going shape, but line up next to your friends and you'll soon notice the difference! Offering only one construction may astonish many people, but we only want the best for our customers without compromise. The full carbon/kevlar deck and bottom is not only light, but it's incredibly tough and long lasting at the same time.

PATRIK F-Ride: We don't have a LTD, a TE, an Air, a Gold or any other special edition. We believe in supplying you with a board that is the best it can possibly be for its specific use, so there's no room for any other models in our line! This may not be the mainstream way, but this is the PATRIK way.



DIMENSIONS	Length [mm]	Width [mm]	Volume [litre]	Tail Width at 300 [mm]	Nose Width at 2000 [mm]	Weight (+/-6%) [kg]	Strap Options & Insert Holes	Strap Quantity	Fin Box	Approved Series
F-Ride 125	2510	675	125	443	583		8x4	4	Power	-
F-Ride 135	2520	715	135	479	624		8x4	4	Power	-
F-Ride 145	2530	755	145	512	668		8x4	4	Power	-
F-Ride 155	2540	795	155	543	714		8x4	4	Power	-

SHAPE DETAILS	Size	Description
Scoop Rocker Line	All	A well balanced curve which has proven to be extremely comfortable in its application. Due to the lightweight construction, the flat section in the tail has been drawn out, which makes the board more stable and controllable whilst also offering earlier planing and increased drive through the gybe.
Outline	All	Slightly longer in length for earlier planing and a narrower width for increased control and more responsive rail-to-rail maneuverability in the gybe. The narrower width also makes the board feel more comfortable with increased control resulting from a more board centered body position.
Bottom Shape	All	Vee with double concaves and side flats in both the nose and directly beneath the mastrack to provide a softer and more controllable ride. Flat Vee in the tail area for easy rail-to-rail maneuverability and smooth water release for early planing, acceleration and a good top speed.
Deck Shape	All	Moderately domed deck throughout for superior comfort underfoot in every situation.
Rail Shape	All	Thin up front to reduce weight. Boxy rails in the mid section for balance, stability and additional float during the gybes. Slightly boxy in the tail for increased support and a more comfortable foot position in the straps.

RANGE OF USE	Sailor Type (Weight & Size)			Sailor Skills			Ideal Wind Strength / Sailor Type			Water Conditions			Best Sail Size [m2]	Sail Range [m2]	Rec. Fin Size [mm]	Fin Range [mm]
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	< 70kg / < 170cm	70-90kg / 170-190cm	> 90kg / > 190cm	uphaul, gliding all reaches	waterstart, strap & harness, first gybes	moves, waves, speed	< 15 knt	15-25 knt	> 25 knt	flatwater / chop: < 1m	chop / wind waves: < 2.5m	wind waves / swell: > 2.5m				
F-Ride 125	●	●	●	●	●		S/M	S/M/L	M/L	●	●		6.5-8.0	6.0-8.5	400	340-440
F-Ride 135	●	●	●	●	●		S/M/L	S/M/L	L	●	●		7.0-8.5	6.0-9.0	440	360-480
F-Ride 145	●	●	●	●	●		S/M/L	M/L		●	●		7.5-9.0	6.0-9.5	480	380-520
F-Ride 155	●	●	●	●	●		S/M/L	M/L		●	●		8.0-9.5	6.0-10.0	500	400-540

CONSTRUCTION

FreeRide All Sizes

Intro
Just like our Wave, FreeStyle and FreeStyleWave ranges, we believe that the most important aspect for FreeRide is to have a strong construction - nobody likes missing out on a session because their board is damaged and in for repair! The Carbon/Kevlar construction on both the deck and bottom is not only incredibly tough and very light, resulting in increased performance, but it's also long lasting, so you can enjoy your PATRIK board for a long time. To protect the Kevlar from harsh UV-rays, allow the lightest possible finish and match our uniform graphic identity, the fiber is laminated with black resin and finished with a white coat which is then sanded back by about 25%.

Application	Technology	Composite Semi Custom Sandwich
	Core Material	EPS (Styrofoam)
	Sandwich Material	PVC Sheet
	Final Lamination	Deck: Full Carbon/Kevlar 90°-90° (Black Resin) / Bottom: Full Carbon/Kevlar 90°-90° (Black Resin)

SPEED

The recent Luderitz Speed Challenge proved that much higher speeds are still possible in windsurfing. In marginal conditions, with just a 40kt average wind speed, windsurfers easily exceeded the 50kt barrier and even hit top speeds of over 100km/h with 5.5m sails. Such impressive results lead us on to the question, what exactly will happen when the wind starts blowing over 50kts? Equipment will undoubtedly play an important part and PATRIK not only has the right shapes to go fast, but also the knowledge to support each and every speed sailor on their journey to breaking that next target.

PATRIK Speed: Join the 40kt and 50kt clubs. And, do what humans have loved doing for centuries - go as fast as you can!



DIMENSIONS	Length [mm]	Width [mm]	Volume [litre]	Tail Width at 300 [mm]	Nose Width at 2000 [mm]	Weight (+/-6%) [kg]	Strap Options & Insert Holes	Strap Quantity	Fin Box	Approved Series
Speed 39	2275	395	51	TBC	TBC	TBC	3x4	3	Tuttle	ISAF
Speed 43	2280	430	61	268	307	4	4x4	4	Tuttle	ISAF
Speed 48	2290	480	71	293	357	4.5	4x4	4	Tuttle	ISAF
Speed 53	2300	530	81	314	394	5	4x4	4	Tuttle	ISAF

SHAPE DETAILS	Size	Description
Scoop Rocker Line	All	As low a nose as possible to maintain the flattest curve, which reduces friction to an absolute minimum.
Outline	All	Narrow in the tail to minimise the wetted surface area for maximum speeds and a forward wide point for early planing and control. Not too short in length to enable early planing and to allow the rider to use the smallest board possible.
Bottom Shape	39	TBC
	43, 48, 53	Slight vee with double concave and side flats in the nose area and under the mast track for a smoother ride. Slight flat vee in the tail area for maximum acceleration, speed and control.
Deck Shape	All	A very extreme S-deck shape with a low back foot area, high front foot area and low mast track position to provide the most comfortable and controlled downwind sailing position.
Rail Shape	All	Thin at the nose and at the mid section to reduce weight. Very boxy rails at the front strap prevent water sucking up the rail and allow the rider to stand tall. Thin and low rails at the back foot enable the rider to stand lower and have the best water release possible.

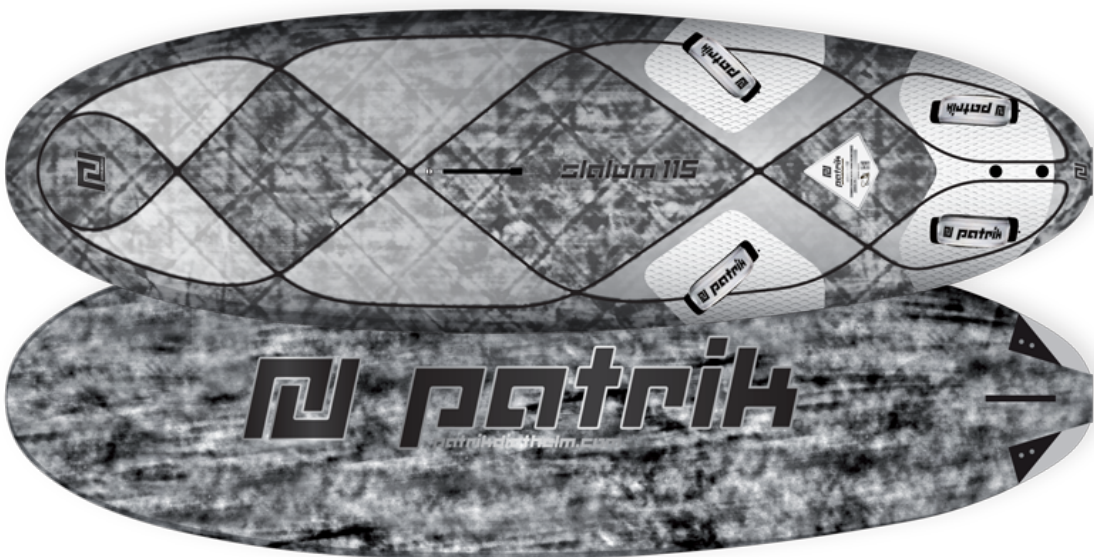
RANGE OF USE	Sailor Type (Weight & Size)			Sailor Skills			Ideal Wind Strength / Sailor Type			Water Conditions			Best Sail Size [m2]	Sail Range [m2]	Rec. Fin Size [mm]	Fin Range [mm]
	S	M	L	Entry	Advanced	Pro	Low	Med	High	Flat	Chop	Wave				
	< 70kg / < 170cm	70-90kg / 170-190cm	> 90kg / > 190cm	uphaul, gliding all reaches	waterstart, strap & harness, first jibes	moves, waves, speed	< 15 knt	15-25 knt	> 25 knt	flatwater / chop: < 1m	chop / wind waves: < 2.5m	wind waves / swell: > 2.5m				
Speed 43	●	●	●			●		S	S/M/L	●			4.5-6.0	3.5-6.3	170 "wide" / 240 "pointer"	150-200 "wide" / 20-280 "pointer"
Speed 43	●	●	●			●		S	S/M/L	●			5.0-6.5	4.0-6.8	190 "wide" / 260 "pointer"	160-210 "wide" / 220-300 "pointer"
Speed 48	●	●	●			●		S/M	S/M/L	●			6.0-7.0	4.5-7.3	210 "wide" / 280 "pointer"	170-220 "wide" / 240-320 "pointer"
Speed 53	●	●	●			●	S	S/M/L	S/M/L	●			6.5-7.5	5.0-7.8	230 "wide" / 300 "pointer"	180-230 "wide" / 260-340 "pointer"

CONSTRUCTION	Speed All Sizes	
Intro	Small boards such as speed guns appear to be so light, compact and stiff already that they don't require any exotic materials to improve their performance. However, when you need to accelerate from planing speed to over 50kts in the space of 100-150m, then every kilo counts and the lighter, the better! Using a board in just flat water wouldn't put too much stress on the construction, but you can't guarantee it'll just be glass flat - the route back upwind at most venues is often extremely choppy and it is this that could cause damage. To reduce twist as much as possible yet maintain some flex for a controlled ride, we use Biax-Carbon on the deck. To ensure a soft and even more controllable ride we use glass on the bottom (just like our slalom boards). To maintain our uniform graphic identity, the glass on the bottom is laminated with black resin, finished with a white coat and sanded back by around 75%.	
Application	Technology	Composite Semi Custom Sandwich
	Core Material	EPS (Styrofoam)
	Sandwich Material	PVC Sheet
	Final Lamination	Deck: Full Carbon Biax 45°-45° / Bottom: Full Glass 90°-90° (Black Resin)

SLALOM

The success of a boards performance goes far beyond that of just having a highly qualified shaper. To create a real performance machine, the shaper must not only accept input from their team riders, but he himself must also be at the top of his game on the World Tour. This winning combination is exactly what has allowed us to personally test, develop and finely tune each size in our range to ensure that it can withstand the multitude of conditions that prevail in these locations. The construction and the shape of the board is as important as the testing environments. Through the world wide PATRIK R&D process each size is carefully crafted to perform at the highest level in any possible slalom conditions. Alongside great products, PATRIK also support their team riders with cutting edge equipment tuning secrets, riding styles, tactics and more - an invaluable combination you will never find anywhere else!

PATRIK Slalom: We guarantee you will improve and go faster then ever!



DIMENSIONS	Length [mm]	Width [mm]	Volume [litre]	Tail Width @ 300 [mm]	Nose Width @ 2000 [mm]	Weigth (+/-6%) [kg]	Strap Options & Insert Holes	Strap Qty	Fin Box	Approved Series
Slalom 87	2370	570	87	357	446	5.3	4x4	4	Tuttle	PWA / ISAF
Slalom 92	2335	595	92	396	464	5.5	4x4	4	Tuttle	PWA / ISAF
Slalom 100	2330	645	100	422	501	5.8	4x4	4	Tuttle	PWA / ISAF
Slalom 110	2330	680	110	453	538	6.2	4x4	4	Tuttle	PWA / ISAF
Slalom 115	2335	695	115	482	550	6.4	4x4	4	Tuttle	PWA / ISAF
Slalom 122	2305	775	122	545	594	6.9	4x4	4	Deep Tuttle	PWA / ISAF
Slalom 128	2290	810	128	558	607	7	4x4	4	Deep Tuttle	PWA / ISAF
Slalom 135 V2	2290	850	135	569	654	7.2	4x4	4	Deep Tuttle	PWA / ISAF

SHAPE DETAILS	Size	Description	
Scoop Rocker Line	SL 87, 92	The bottom curve is designed to glide as low and smooth as possible over the water but still have enough height under the masttrack area and at the nose so as not to stick to the water or dive into the upcoming chop.	The performance ratio is designed for more control, which improves both top speed in rough conditions and enables easier gybing.
	SL 100, 110, 115		The performance ratio is designed to have increased acceleration and top speed.
	SL 122, 128, 135V2		The performance ratio is designed for earlier planing and acceleration.
Outline	SL 87, 92	A relatively straight curve in the mid section with a narrow tail for ultimate control and maximum speed in rough conditions.	
	SL 100, 110, 115	A harmonic mix between the straight outline of the small boards and the more rounded outline of the big boards makes the medium sized shapes extremely versatile in their range of use, resulting in the best performance ratio from all sizes.	
	SL 122, 128, 135V2	The round outline makes the board both agile and direct, which is important in the lightwinds for the quickest possible acceleration and to reach top speeds without losing drive in the lulls. The SL 128 has a wider tail deck outline than the bottom, which helps the rider to have more leverage over the fin, but still have a narrow enough tail underneath for top speed.	
Bottom Shape	All Sizes	Flat panel Vee in the tail (invert Vee for SL 128) to the mid section for maximum speed. The front section has an increasing Vee shape with double concaves and side flats for a smoother ride and to give the rails more height to clear the water whilst fully planing.	
Deck Shape	SL 87, 92	S-Deck: Lower back foot, higher front foot and lower mast track allow a comfortable sailing position and outstanding control during cross and down wind reaches.	Slight dome in the deck to maintain volume whilst still having the deck as flat as possible to increase responsiveness to foot pressure for easier and more controlled gybing.
	SL 100, 110, 115, 122, 128, 135V2		A flatter deck makes the board responsive to foot pressure for easier and more controlled gybes.
Rail Shape	All Sizes	Nice boxy rails in the tail area for a comfortable foot position in the straps. Boxy rails in the mid section to avoid the water sucking up the deck and to provide flotation throughout and after the gybes.	
Cutouts	SL 87, 92	No cutouts for SL 87 due to both the narrow tail and for maximum control in rough conditions. To achieve similar tail surface and performance the SL 92 has very small cutouts without adjustable plates.	
	SL 100, 110, 115, 122, 128, 135V2	Cutouts with adjustable plates. The smaller tail surface reduces drag and helps increase acceleration and top speed. The plates can be adjusted in height, the deeper cutouts have less drag and more top speed whilst the lower cutout depth has increased pressure to keep the board riding more flat and helps early planing and control.	

RANGE OF USE	Sailor Type (Weight & Size)			Sailor Skills			Ideal Wind Strength / Sailor Type			Water Conditions			Best Sail Size [m2]	Sail Range [m2]	Rec. Fin Size [mm]	Fin Range [mm]
	S	M	L	Entry	Advanced	Pro	Low	Med	High	Flat	Chop	Wave				
	< 70kg / < 170cm	70-90kg / 170-190cm	> 90kg / > 190cm	uphaul, gliding all reaches	waterstart, strap & harness, first jibes	moves, waves, speed	< 15 knt	15-25 knt	> 25 knt	flatwater / chop: < 1m	chop / wind waves: < 2.5m	wind waves / swell: > 2.5m				
Slalom 87	●	●	●			●		S	S/M/L	●	●		5.0-6.3	4.0-7.0	320	260-350
Slalom 92	●	●	●			●		S/M	S/M/L	●	●		5.6-6.8	5.0-7.3	340	280-360
Slalom 100	●	●	●			●		S/M	M/L	●	●		6.2-7.3	5.5-7.8	360	300-380
Slalom 110	●	●	●			●	S	M/L	M/L	●	●		6.7-7.8	6.0-8.2	380	340-400
Slalom 115	●	●	●			●	S	M/L	M/L	●	●		7.0-8.0	6.2-8.6	400	350-420
Slalom 122	●	●	●			●	S/M	M/L	L	●	●		7.6-8.6	7.0-9.0	440	400-460
Slalom 128	●	●	●			●	M/L	L		●	●		8.2-9.2	7.0-9.5	460	420-500
Slalom 135 V2	●	●	●			●	M/L	L		●	●		8.6-9.6	7.5-10.0	480	440-550

CONSTRUCTION

Slalom All Sizes

Intro

A slalom board needs to be lightweight for early planing, acceleration, top speed and reactiveness, but it also needs to be controllable at top speed in choppy waters and flex for smooth gybes. On the deck we use a full layer of Biax-Carbon, which reduces the twist but still maintains the flex required. A full Carbon board is very stiff and often in rough conditions the bottom of the board will impact hard on the water, which results in the user experiencing a very nervous-like feeling. Concaves on the bottom can make the board feel softer, but this alone is not enough in overpowered conditions. Concaves in combination with a softer bottom construction help to absorb upcoming chop and provide more control. Wood contains the right characteristics, but would be too heavy and lacks durability. To guarantee a long lasting product, and still have the soft bottom, we decided to use PVC in combination with Glass 90°-90°. To maintain our uniform graphic identity, the glass on the bottom is laminated with black resin. The finishing is white coated and sanded back by around 75%.

Application

Technology	Composite Semi Custom Sandwich		
Core Material	EPS (Styrofoam)		
Sandwich Material	PVC Sheet		
Final Lamination	Deck: Full Carbon Biax 45°-45° / Bottom: Full Glass 90°-90° (Black Resin)		