

## 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 at 300 [mm]	Nose Width at 2000 [mm]	Weight (+/-6%) [kg]	Strap Options & Insert Holes	Strap Quantity	Fin Box	Approved Series
Slalom 87	2370	570	87	357	446	5.3	6x4	4	Tuttle	PWA / ISAF
Slalom 92	2335	595	92	396	464	5.5	6x4	4	Tuttle	PWA / ISAF
Slalom 100	2330	645	100	422	501	5.8	6x4	4	Tuttle	PWA / ISAF
Slalom 110	2330	680	110	453	538	6.2	6x4	4	Tuttle	PWA / ISAF
Slalom 115V2	2340	700	115	488	556	6.4	6x4	4	Tuttle	PWA / ISAF
Slalom 122	2305	775	122	545	594	6.9	6x4	4	Deep Tuttle	PWA / ISAF
Slalom 128	2290	810	128	558	607	7	6x4	4	Deep Tuttle	PWA / ISAF
Slalom 135 V3	2290	850	135	583	643	7.1	6x4	4	Deep Tuttle	PWA / ISAF

SHAPE DETAILS	Size	Description
Scoop Rocker Line	SL 87, 92	The performance ratio is designed for more control, which improves both top speed in rough conditions and enables easier gybing.
	SL 100, 110, 115V2	The performance ratio is designed to have increased acceleration and top speed.
	SL 122, 128, 135V3	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, 115V2	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, 135V3	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 and 135V3 have 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	SL 87, 92, 100, 110, 122	Flat panel Vee in the tail to the mid section for control and 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.
	SL 115V2, 128, 135V3	Invert V in the tail which gives more lift for better planing and more acceleration. Flat panel V starts under the front footstrap and runs into 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.
	SL 100, 110, 115V2, 122, 128, 135V3	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.  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. Thin rails in the nose area to reduce weight and gain on reactivity.
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, 115V2, 122, 128, 135V3	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 115V2	●	●	●			●	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 V3	●	●	●			●	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 reactivity, 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)