

ROCKER

By increasing the taper of the rocker line fore and aft of the flat spot we enlarged the sweet spot of the ski even more. The flatter the rocker is underneath your feet the more improved feel and connection you have with your ski. Thus, allowing you to move yourself and the ski better as a single unit. A bigger platform also gives you the ability to be more reactive and dynamic with your movements, ultimately giving you the control to move in and out of the turn with power. The lower rocker in the front half of the ski gives a truly unique feeling. By being flatter to the water you're able to move over the ski with more confidence knowing that there is more contact, and support built into the ski. As you move over your feet the bevel is engaged and tighter, more consistent turns bring you back under the rope and cross course to the next buoy.

BEVEL

Sharpening the bevel from your feet forward has given the new Senate more grip and control than any ski we've created to date. This helps the ski decelerate so it can make tighter, more up course turns. It's important to note that these tighter turns are attainable due to the bevel transition built into the tail of the ski. By softening this bevel behind your feet, the ski can stay more balanced so that angle and drive are able to be maintained from the apex of the turn through centerline.



SHAPE

The first thing we addressed on the shape of the ski was the width profile, while keeping the max width of the ski the same; we added more radius to the profile to provide more pivot and rotational pull through the turn. We also added width behind the wide point to keep the ski more level and stable in the turn. This provides the ski with built in tip pressure and reduces the need to "climb" over the ski to make a turn. The ski is now able to move under the line at a quicker rate with a more natural feel. By reducing volume in the tail of the ski we were able to create more leverage that enables the whole ski to move better as a single unit through the turn. This results in attainable angle that can be carried all the way through the finish of the turn. The last adjustment in shape was the narrowing of the tip. This combined with our new rocker line enables more bevel contact resulting in a secure feeling that lets you stand over the ski with confidence to rip turns and know the ski will move with you from apex to center line.

CONCAVE

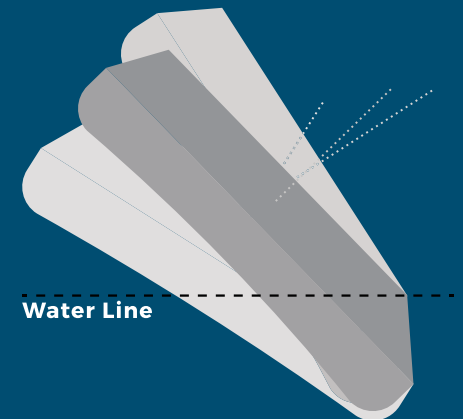
We have been extremely happy with the concave we created in the last shape. The deeper concave with a steeper entry gives the speed and side to side drive a Senate is known for having. Speed is only good if you can control it, and this concave also provides grip that allows the ski to naturally slow down as it enters the turn. This ultimately enables the ski to carry a more constant speed through the turn which improves your cadence and rhythm with the boat.

THICKNESS

Sidewall height carries constant to provide balance. To keep the ski nimble the sidewall thickness is reduced which also produces the connected, tight turning radius of the ski.

EDGE ANGLE

At two tenths of an inch wider than the Vapor, the width of the Senate allows the ski to roll on edge at a moderate level. This width allows a skier to progress with ease as they instantly feel the balance and control of the bigger riding platform.



PRO BUILD
SENATE

TERRAIN
COURSE

SPEED RANGE
28-34 MPH / 46-55 KPH

PMI foam is undoubtedly the lightest, most responsive foam on the market. We wrap that foam in Textreme spread tow carbon to make this Senate the fastest, most aggressive Senate we've ever created. Now those skiing 28-34 MPH in the course truly have a racecar of a Senate to write home about.

FEATURES

- + PMI CORE - Lightweight, high density, most response.
- + TEXTREME CARBON - Lighter, stronger composites.
- + CARBON RODS – Zonal flex for the optimum layup.
- + BIO RESIN – Plant based and better.
- + RADAR LAB MADE – Thanks Herb.

SIZE IN	WEIGHT LBS/KG	SURFACE AREA SQ IN	MAX WIDTH IN
65	Up to 170 / Up to 77	356.57	6.94
67	160 – 200 / 73 – 91	378.85	7.16
69	180 – 220 / 82 – 100	401.81	7.37





LITHIUM SENATE

TERRAIN
CROSSOVER

SPEED RANGE
28-34 MPH / 46-55 KPH

PVC creates energy in the build of the ski. Generally used in slalom course conditions and designed to perform between 28-34 MPH, the reaction time of our Lithium construction is instant. Any feedback you send to the ski will be immediately felt in the ride.

FEATURES

- + PVC CORE - Tested and proven response.
- + SPREAD TOW CARBON - Lighter, stronger composites.

SIZE IN	WEIGHT LBS/KG	SURFACE AREA SQ IN	MAX WIDTH IN
65	Up to 170 / Up to 77	350.57	6.94
67	160 – 200 / 73 – 91	378.85	7.16
69	180 – 220 / 82 – 100	401.81	7.37
71	200+ / 90+	413.43	7.37

GRAPHITE
SENATE

TERRAIN
CROSSOVER

SPEED RANGE
28-34 MPH / 46-55 KPH

Our Graphite construction sits in the middle of the Senate range. A durable polyurethane core wrapped in carbon composites makes sure no turn is lost and only speed is gained, giving the skier more connection to the water. An absolute ripper in the course and on open water; this ski excels between 28-34 MPH.

FEATURES

- + AERO CORE - Forgiving and consistent response.
- + 100% CARBON FIBER - Consistent flex every time.

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65	Up to 170 / Up to 77	350.57	6.94
67	160 – 200 / 73 – 91	378.85	7.16
69	180 – 220 / 82 – 100	401.81	7.37
71	200+ / 90+	413.43	7.37





ALLOY
SENATE

TERRAIN
CROSSOVER

SPEED RANGE
26-34 MPH / 43-55 KPH

Our most popular ski, the Alloy Senate utilizes a polyurethane core with Paulownia wood stringers wrapped in carbon fiber. This beauty of a ski is stable but fast and an absolute blast to ride whether you're ripping open water turns or getting into some course action. Ski the Alloy Senate from 26-34 MPH and enjoy the ride.

FEATURES

- + ALL-TERRAIN CORE – Most forgiving construction.
- + 100% CARBON FIBER - Consistent flex every time.

SIZE IN	WEIGHT LBS/KG	SURFACE AREA SQ IN	MAX WIDTH IN
65	Up to 170 / Up to 77	350.57	6.94
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