

# THE SENATE

The Senate's ability to carry speed is unmatched in the industry. This speed allows the skier to maintain width on the boat ultimately giving a sense of freedom sought after by those that ski in the course as well as those ripping open water turns. By taking our Vapor shape and adding two tenths of an inch in extra width we have created a stable riding platform. This platform creates the balance needed for a skier to feel at home, while the profile of the ski allows the skier to feel the speed and angle sought after at any level.





## THE SENATE

# SHAPE



## 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 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.

## 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.

## CONCAVE

We have been extremely happy with the concave we created in the previous 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.

## BEVEL

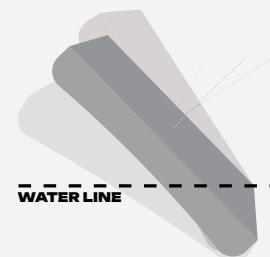
Sharpening the bevel from your feet forward has given the Senate more grip and control than any ski we've created to date. This helps the ski decelerate so it can make tighter, more up course turns. It's important to note that these tighter turns are attainable due to the bevel transition built into 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.

## 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

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.

### Terrain COURSE

**Speed Range**  
**28-34 MPH | 46-55 KPH**

### 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.

	65	67	69
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SIZE (IN)

WEIGHT (LBS)	Up To 170	160-200	180-220
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WEIGHT (KG)	Up To 77	73-91	82-100
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SURFACE AREA (SQ IN)	350.57	378.85	401.81
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MAX WIDTH (IN)	6.94	7.16	7.37
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## LITHIUM

# SENATE

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.

### Terrain CROSSOVER

**Speed Range**  
**28-34 MPH | 46-55 KPH**

### Features

**PVC CORE**  
Tested and proven response.

**SPREAD TOW CARBON**  
Lighter, stronger composites.

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

GRAPHITE

# SENATE

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.

**Terrain**  
**CROSSOVER**

**Speed Range**  
**28-34 MPH | 46-55 KPH**

**Features**  
**AERO CORE**  
Forgiving and consistent response.  
**100% CARBON FIBER**  
Consistent flex every time.

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





## ALLOY

# SENATE

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.

### Terrain CROSSOVER

**Speed Range**  
**26-34 MPH | 43-55 KPH**

### Features

**ALL-TERRAIN CORE**  
Most forgiving construction.

**100% CARBON FIBER**  
Consistent flex every time.

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

GRAPHITE

# LYRIC

The Graphite Lyric gives those lady shredders looking for tighter turns and more speed behind the boat that extra edge. Ride the Graphite Lyric from 28-34 MPH for the optimum women's ski both in and out of the slalom course.

**Terrain**  
**CROSSOVER**

**Speed Range**  
**28-34 MPH | 46-55 KPH**

**Features**  
**AERO CORE**  
Forgiving and consistent response.  
**100% CARBON FIBER**  
Consistent flex every time.

SIZE (IN)	63	65	67
WEIGHT (LBS)	Up To 130	120-160	140-180
WEIGHT (KG)	Up To 59	54-73	63-82
SURFACE AREA (SQ IN)	340.31	350.57	378.85
MAX WIDTH (IN)	6.78	6.94	7.16





# LYRIC

The Lyric is engineered specifically for the first lady of the water. We utilize a lighter weight carbon on the inside making the finished product softer and easier to turn. Ladies - rip on the Lyric between 26-34 MPH and have fun making effortless turns.

## **Terrain CROSSOVER**

**Speed Range**  
**26-34 MPH | 43-55 KPH**

## **Features**

**ALL-TERRAIN CORE**  
Most forgiving construction.

**100% CARBON FIBER**  
Consistent flex every time.

SIZE (IN)	63	65	67
WEIGHT (LBS)	Up To 130	120-160	140-180
WEIGHT (KG)	Up To 59	54-73	63-82
SURFACE AREA (SQ IN)	340.31	350.57	378.85
MAX WIDTH (IN)	6.78	6.94	7.16

## BOY'S

# T.R.A.

When it came time to design our kid's specific ski, we wanted to make something that would have youngsters begging to ski more often! By utilizing our Senate shape with a kid's specific flex we've created a ski that is easy to turn and efficient through the wakes. In designing this way, we make it easy for juniors to progress at a rapid rate, leaving them with a smile on their face and the desire to ski every day.

**Terrain**  
**CROSSOVER**

**Speed Range**  
**20-34 MPH | 34-55 KPH**

### Features

**ALL-TERRAIN CORE**  
Most forgiving construction.

**100% CARBON FIBER**  
Consistent flex every time.

SIZE (IN)	63	65
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WEIGHT (LBS)	Up To 130	120-160
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WEIGHT (KG)	Up To 59	54-73
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SURFACE AREA (SQ IN)	340.31	350.57
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MAX WIDTH (IN)	6.78	6.94
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## GIRL'S

# T.R.A.

The T.R.A. has kids ripping open water and excelling through the slalom course. We're so stoked with the ski's popularity and how easy kids are making turns and crossing the wakes! Any young ripper is guaranteed to improve riding the T.R.A. and it finds its groove at 20-34 MPH!

### Terrain CROSSOVER

**Speed Range**  
**20-34 MPH | 34-55 KPH**

### Features

**ALL-TERRAIN CORE**  
Most forgiving construction.

**100% CARBON FIBER**  
Consistent flex every time.

	63	65
SIZE (IN)		
WEIGHT (LBS)	Up To 130	120-160
WEIGHT (KG)	Up To 59	54-73
SURFACE AREA (SQ IN)	340.31	350.57
MAX WIDTH (IN)	6.78	6.94