



2020 VAPOR



2020 VAPOR

The Vapor name has become synonymous with balance and speed. As we moved to our 2020 shape we simply wanted to build on the foundation we had created. The overall width of the ski has been decreased in an effort to create more efficient water flow and allow the ski to have a more level ride. Rocker was modified to increase the drive behind the boat and allow the ski to create more angle before the buoy. Lastly, we increased the concave and let it run through the tail of the ski to give more support and consistency at the apex of the turn. All these simple changes allowed us to build a ski that is faster than its predecessor, has more automatic turns and gives a truly consistent ride from turn to turn. You have to ski this thing, welcome to 2020 Vapor.



SHAPE

The overall max width of the ski was reduced slightly in 2020. The width reduction in the area forward of your front foot allows the ski tip to ride lower while on plane. This gives the ski a more level riding attack angle which makes the ski more efficient through the water and makes it easier for the skier to engage the front half of the ski for tighter, more predictable turns.



CONCAVE

For 2020 Vapor, the concave was increased in the back 1/3 of the ski and now runs out the tail. This allows the ski to harness more water under the back of the ski and creates a higher riding tail that feels more supportive at the finish of the turn. The ski feels faster as a result but without that loose, slippery feel.



BEVELS

The Vapor features a hybrid bevel which allows us to get the best things from both a round and sharp bevel. This lets the ski roll from edge to edge considerably smoother while also producing a more dynamic range of turn shapes. Ultimately, these bevels help create a ski that holds maximum angle side to side, rolls from edge to edge at a very predictable and confidence inspiring rate, and is super forgiving for more ability to crank turns when you need them.



THICKNESS

The max thickness of the ski has been lowered through the middle. By reducing the sidewall, the ski is able to sit deeper in the water, allowing for a more secure feeling to the skier with more feedback from the water.



ROCKER

The rocker of the ski is the curvature of the bottom surface. Many of today's skis go with a multi stage rocker line where there is a flat spot under the skier's front foot and rocker ahead of and behind this flat spot. The more rocker is added the more pressure is relieved from the running surface. Increased rocker equals quicker turns but at the sacrifice of side to side drive and a smaller sweet spot. As the flat spot of a ski is extended, the ski increases its ability to hold angle in relation to the boat and provides an easier balance point but creates a larger turning radius.

