THE SYSTEM

The System is a design platform that delivers a cleaner ride without forfeiting edge performance. The System improves both rocker and camber shapes, without hybridizing the two together, which we think sacrifices the inherent benefits of each. The System design eliminates the leverage required to release and re-engage a snowboard's outside contact points, while creating a highly effective, more direct connection to the snow.

Arbor now offers two full lines of its System design:

THE ROCKER SYSTEM

The System Rocker design provides a surfy ride, with natural float and cleaner tracking.

THE CAMBER SYSTEM

The System Camber design offers a poppy ride with crisp, fully engaged performance.

Each is the result of blending Grip Tech with a Parabolic Profile.

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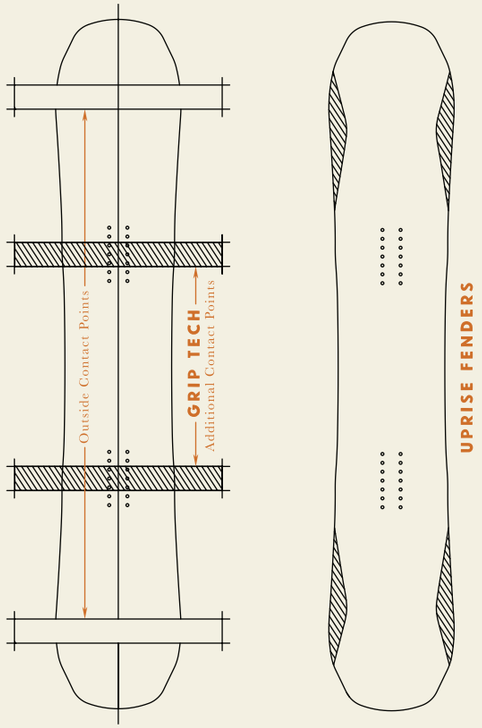


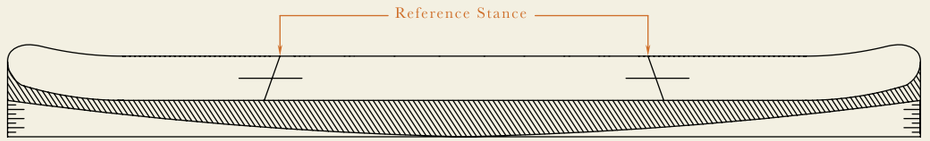
GRIP TECH

Grip Tech is a tri-radial sidecut design that is not "blended." Natural shaping intersections, that in the past were eliminated, have been transformed into heel-and-toe contact points that provide a direct, more ergonomic way to grip the snow when additional control is needed. The extra contacts also form pivot zones that make turning easier and more natural. Grip Tech effectively moves a board's primary interface with the snow underfoot, allowing us to deliver designs that don't lose performance as we lift leading sections of the effective edge from the snow for a less grabby ride. Those designs include rocker, or camber with our new ***Uprise Fenders***.

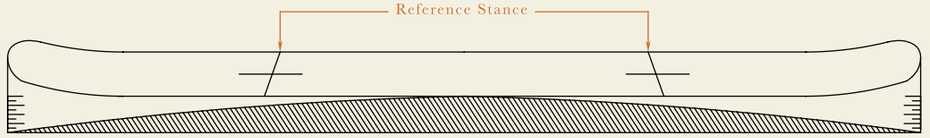
Uprise Fenders pull the outside contact zones off the snow with angled 3° risers on all System Camber designs.

PARABOLIC PROFILING

The System utilizes rocker and camber profiles created using the parabolic arc, which progressively reduces the amount of rocker or camber toward the tip and tail of a snowboard, creating nice low profiles. On our System Rocker designs, this ensures that the outside contact points are close enough to the snow to engage when maximum performance is required - higher speeds, fully loaded turns, and bigger landings. On System Camber designs, this guarantees that the outside contact points do not dig too far into the snow, creating a cleaner, less catchy performance that makes it easier to turn, spin, and ride fast.



PARABOLIC ROCKER



PARABOLIC CAMBER

POWER PLY TOPS

Almost all Arbor Snowboards are made with a sustainably sourced wood or Bamboo topsheet. We call this construction a Power Ply. The natural grain creates the style we've been known for since we launched twenty years ago. Less well recognized is how the technology improves the strength, durability, and return of our snowboards.

The Power Ply works like an added layer of fiberglass. During construction, the natural wood or bamboo fibers are turned into a composite layer inside the board; but the process takes time.

Raw timber must first be soaked so that it can be sliced or "veneered" into sheets, which are assembled into "faces," then backed with a special fleece material, precision sanded, and pre-laminated to a protective foil, made in part from natural caster oil.

The finished topsheet is at last ready to be built into a snowboard. In the end, the process makes Arbor Power Ply deigns the most labor intensive snowboards on the market. The resulting performance, board life, and finish quality are worth the extra effort, in addition to the reduction in our reliance on man made glues, coatings, and composites.

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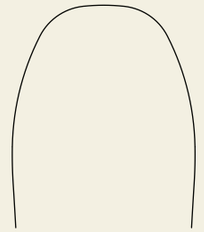
TIP PROFILES

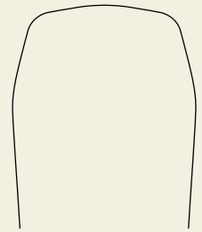
How a board approaches terrain is critical, so a huge effort goes into our tip profiles. We match board shapes with these profiles in order to create designs for specific terrain and riding styles.

BONEHEAD



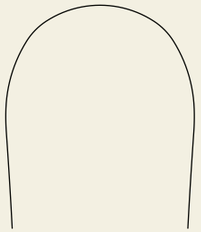
A skate influenced shape for street inspired riding.

FLATHEAD



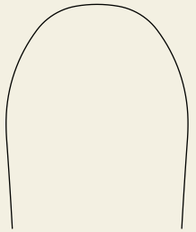
Provides more surface area for butters, ollies & nollies.

PANHEAD



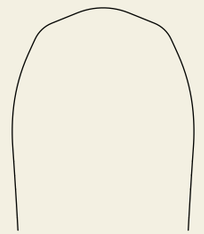
Classic top-to-bottom freestyle performance.

SPOONHEAD



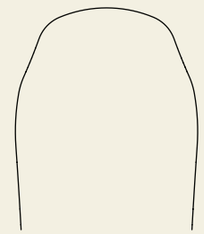
All-mountain function in a range of snow conditions.

KNUCKLEHEAD



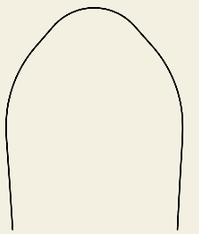
Peak to parking lot with extra punch for powder.

THUNDERHEAD



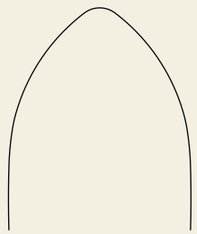
Big-mountain versatility & speed in the deepest snow.

STEELHEAD



A fish-shaped nose for float and control in the steeps.

ARROWHEAD



Exceptional float for powder specific pursuits.

SNOWBOARD MATERIALS

WOOD CORES

Every Arbor snowboard is made with a full-length, sustainably produced wood core. Each core is custom built and CNC shaped for a specific model and size. The extra effort helps guarantee the tolerance, flex, and finish quality of every Arbor snowboard released.

SINGLE MALT

Our standard wood core for highly reliable return and lasting durability. Made from 100% sustainably grown Poplar wood.

DOUBLE BARREL

Two Bamboo struts run tip-to-tail down the center of this upgraded Poplar core. Bamboo adds power and strength for bigger mountain performance.

HIGHLAND

Our highest-end core, made from a blend of estate grown Poplar and Paulownia to provide the light-weight performance ideal for backcountry and pow.

2X4 14-PACK INSERTS

Provide a wide stance range, while at the same time delivering critical micro adjustability.

BASE MATERIAL

Extruded Base: A tough, user-friendly extruded base that delivers lighter-weight performance.

Sintered Base: A higher molecular weight, sintered base that provides added durability and speed.

360 RAILS

A 360 degree, fully wrapped sidewall that eliminates the need for tip fill, while effectively tying the whole snowboard together. A technology that delivers incredibly tight tolerances for improved board life and durability.

BOARD REINFORCMENT

CARBON STRUT

A carbon fiber strut running down the center of a board, a layup that maintains an easy turning ride, while energizing the longitudinal flex for improved all-mountain performance.

CARBON CROSSBEAM

A carbon fiber crossbeam that runs across the whole snowboard for maximum torsional performance tip to tail. Supports next level charging in-or-out of bounds. Ideal for mountain-twin performance.

CARBON A-FRAMES

A carbon fiber insert from the contact points to the inserts. Creates structural a-frames for improved torsional performance in the steeps and at speed, without negatively affecting high speed turn initiation.

CARBON UPRIGHTS

Two carbon fiber uprights running from the tip and tail to just past the inserts. A set up that provides added landing durability and pop for bigger park and backcountry performance.

BIAX GLASSING

A biax over biax lay-up that's designed for park and street inspired all-mountain riding. Also creates a good platform for learning.

MIXED GLASSING

A triax over biax lay-up that's best for versatility: pow, backcountry, groomers, jumps, & more.

TRIAX GLASSING

A triax over triax lay-up that's ideal for on-edge performance: steeps and speed.

BACKCOUNTRY

Versatile tools for navigating the resort and beyond: bottomless powder, deep backcountry, bigger drops, and steeper landings.

ALL-MOUNTAIN

From the most demanding and technical lines, to linking turns on hardpack, these all terrain vehicles deliver superior, multifaceted performance.

PARK

Designed for, but not limited to the park; freestyle weapons geared towards booters, rails, wallrides, and pipe.

STREET

Freestyle sticks designed for the jibber who takes their riding from the resort to the city, and every feature in-between.