

TECH

SEASON 19/20



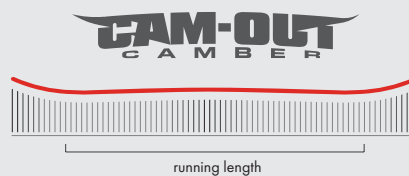
CAMBER LINES

In today's world there are so many different names, classifications, and marketing schemes out there that are used to hype up the camber design, most of them don't even function in a way that will help people become better snowboarders. We have decided to cut the crap and keep snowboarding simple by simplifying our camber names and technologies to only those that work, and that are approved by our regional and global team riders, and friends. That is why we have chosen to offer the four camber profiles that really work, and we are not overcomplicating things by micro-slicing and renaming them – Even though all of our camber profiles are adjusted to match the type of person or terrain the boards are designed for, but TRUE camber is camber, Gullwing is Gullwing, Flat-Out is Flat-Out, and Cam-Out is Cam-Out. Real camber technology that works and does not need a marketing scheme to prove it.



TRUE CAMBER

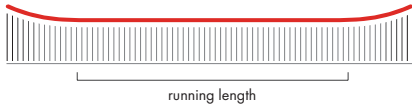
TRUE CAMBER is good old standard camber, which provides the stability, and pop many shreds can't live without. The amount of snap and support you get from a cambered board is unrivalled by any other camber design. Our TRUE CAMBER varies between board models because each board is specifically designed for a certain terrain or type of riding, for example the TRUE CAMBER in our Pantera has a larger height for maximum response, while the TRUE CAMBER in our freestyle boards are lower to provide you with a more freestyle friendly flex, without losing the support and trust you need for stomping landings. Camber is Camber there is no point in over complicating it!



CAM-OUT CAMBER

Our CAM-OUT Camber is basically a TRUE Camber with early and smooth transitions into tip and tail. The result is a fun and responsive board that turns on the spot and is forgiving, even after that 713.5° landing!

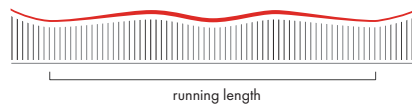
FLAT-OUT ROCKER



FLAT-OUT ROCKER

Our FLAT-OUT ROCKER is a hybrid flat camber profile where the nose and tail lift off before the traditional contact points, providing effortless turns, and catch-free maneuvers. The lifted nose and tail provide excellent float, pressability, and forgiveness in any terrain. The ultimate hybrid between Zero Camber and Reverse Camber to allow you to have the most playful yet stable ride for easy progression and all-mountain domination. The profile of choice for park, freestyle, and urban riders worldwide.

GULLWING ROCKER



GULLWING ROCKER

A hybrid camber/rocker profile in a league of its own, GULLWING ROCKER offers the best of both worlds for the all-mountain destroyer. The positive camber under each foot supplies riders with the response they know and love while the reverse camber profile in the center allows you to experience unparalleled float in the powder, as well as pressability in the park. This do-it-all design allows you to have a quiver of one and ride the whole mountain like a terrain park.

CORE PROFILES

REFLEX PROFILE

REFLEX CORE PROFILE: ENHANCED PROFILE CONTROL

A thinner core profile between your feet improves handling and increases torsional flex, allowing you to steer your board through a turn with ease.

WHIPLASH PROFILE

WHIPLASH CORE PROFILE: MAXIMUM OLLIE POWER

This profile features reduced thickness between the inserts with added meat outside your feet for maximum ollie power, while maintaining a perfect press flex.

FLEX PROFILES

The third component in a board's performance is flex. Softer boards are easier turning, stiffer ones better for higher speeds. But it's the combination with camber and sidecut that makes a board magic – or trash. And don't be fooled: Hand flexing a board in the shop may give you a first hint, but it takes a lot of experience to make a correct judgement of a board's performance by flexing it in the shop. You can trust us to design each board flex to be the right fit for that particular board's shape, camber and purpose.



URBAN: SMOOTH AND LOOSE

These ultra-flexible boards can be tweaked any way you like, from rails to butter tricks, and they won't wash out on you.



ALL TERRAIN: ALL MOUNTAIN POP

Our most versatile flex pattern, combining Nitro's signature pop with smooth response, allowing you to tear up the entire mountain.



PARK: TUNED FOR PROGRESSION

Specifically tuned for park riding, this flex pattern is forgiving yet responsive; allowing you to take your riding to the next level on jumps and rails.



MOUNTAIN: SPEED AND POWER

With maximum response and drive for fast, all-mountain riding, this snappy flex pattern creates powerful boards for powerful riders.



SIDECUTS

Sidecuts are as important to a board's performance as flex and camber/rocker lines. A sidecut defines how a board turns, carves and holds an edge. But, it's the combination of all the features that make a board work well for its designed purpose. We at Nitro have pioneered most of today's common sidecut geometries and have access to over 25 years of experience of fine-tuning each individual board model. Therefore, we have also simplified the tech jungle for you. You can get a first taste of what the shapes will feel like, but you can leave it up to our engineers to make each board just right for you!



PROGRESSIVE SIDECUT

A larger radius in the front, blended into a tighter one towards the tail: The progressive sidecut makes accelerating out of turns a breeze, while maintaining a catch-free nose area.



RADIAL SIDECUT

The simplest and most common of all sidecuts: One single radius makes this sidecut extremely versatile and predictable.



DUAL DEGRESSIVE SIDECUT

This sidecut blends a smaller radius in the center with two larger ones in the tip and tail, making it loose and playful. The most forgiving of our sidecuts.

BOARD TECH

SEASON 19/20

BASE MATERIALS



PREMIUM EXTRUDED FH BASE: EASY AND VERSATILE

Durability, speed and low maintenance all in one ultra-clear base material - our FH Base takes the abuse of rail and urban riding like no other.



SINTERED SPEED FORMULA II: FASTEST AND DURABLE

Rocket science put to work! A nanotech wax formula deeply infused into our sintered base material makes the base surface lightning fast in all snow conditions. Highly tuned yet extremely durable, SPEED FORMULA II Base technology is exclusively featured on Nitro high-end boards.



SINTERED SPEED FORMULA BASE: HIGH DENSITY - HIGH DURABILITY

Utilizing a new base material compound, we have been able to achieve higher abrasion resistance, increased wax absorption and higher on-snow speeds.

SINTERED SPEED FORMULA II DAMAST BASE: FAST, DURABLE AND UNIQUE!

Made from the same compound as our regular SPEED FORMULA II Base, the DAMAST version fuses together two died color version for a look as sharp as your Damast steel dagger. Each board is unique, and no two bases are exactly identical.

CORES

POWERCORE: PERFORMANCE DRIVEN

Our Powercore uses tip-to-tail poplar wood, providing lightweight strength and the perfect blend of flex, response and feel.



KOROYD™ CORE

The latest in core technology, utilizing co-extruded miniature tubes, vertically aligned and welded, with unique energy absorption properties, Koroyd™ is approximately 70% lighter than standard balsa wood, with no loss in strength or flex. This engineered core is utilized in the tip and tail areas of the HIGHLANDER, DOPPLEGÄNGER and VICTORIA models for reduced swing mass and overall weight.



POWER CORE II: ENHANCED PERFORMANCE AND EXTRA STRENGTH

The Powercore II is a tip-to-tail poplar wood core with additional beech wood stringers for unrivalled strength, smooth response and insane snap.



3D BALSAL CORE

Our end-grain balsa core is precision machined to a 3D shape, matching the contoured top surface of the Slash board. The result is a lightweight board which is sleek looking and reinforced in the important edge and insert areas. The same core material is also used for our lightweight version of the Doppelganger split board.

POWERLITE CORE: LIGHTWEIGHT PERFORMANCE AND POP

The highest grade of ultra-lightweight poplar wood in our Powerlite core makes for the perfect ride with lots of pop and unmatched strength at a minimum weight.



LAMINATES



BI-LITE LAMINATES: FORGIVING AND STRONG

Our rider-trusted Bi-Lite Laminates are engineered for unrivalled strength, powerful style and refined board-feel.



DIAMOND LAMINATES: ULTRALIGHT AND POWERFUL

Well-balanced layers of carbon fiber establish a new level in performance. More snap and liveliness provide a smooth, powerful and effortless ride.



TRI-LITE LAMINATES: RESPONSIVE AND BALANCED

The perfect blend of flex and torsion control, Nitro tuned Tri-Lite Laminates with fibers running in 3 directions make for quick turning, highly responsive boards.



DIAMOND BAND

Carbon reinforcement fibers are ultra-strong yet lightweight. Tip-to-tail stringers transfer rider's input to help you drive your board and stay in control.

NITRO EXCLUSIVE TECH FEATURES

POWER PODS

Overlaying a tighter sidecut radius in the center of the board with a larger one towards tip and tail is creating our exclusive POWERPODS which have two amazing effects: On one hand, there is extended board width under the bindings, resulting in additional edge control, especially on hard and icy surfaces as well as simply less toe and heel drag for larger boots and flatter stance angles. On the other hand, our POWERPODS make the board super reactive and fast turning once it's put on edge – while keeping it easy to control if ridden with less dynamics.



HIKE PODS

Featured exclusively on our Doppelganger Splitboard, the Hike Pods are specifically designed to add grip under the Binding in Hiking Mode, making those icy traverses just a bit more fun.

SOFTTRIDE FLEX

A Nitro exclusive construction: Spider web-like binding raisers allow us to make sweet soft-flexing boards for young shredders while respecting all required standards for binding insert depth and pullout strength. Featured on smaller Ripper and Muse sizes.

PROGRESSIVE WIDTH

The progressive width is an exclusive feature on the Suprateam, Santoku, Cinema, SHtik and Ripper Youth. Starting out with a medium width profile at the smallest size, these boards get progressively wider as they go up in size, ensuring an ideal board-to-boot match and a perfectly balanced board for riders of every size.

RAIL KILLER EDGE

Your secret weapon for rails, rocks and longevity! With it's unique edge profile and an impact resistance of more than 200% compared to a standard edge - the Railkiller Edge is twice as thick and twice as strong. This proprietary construction can take on any rail challenge. Take a file to them or ride them hard and wear them down naturally, this chunk of steel has enough meat for years of abuse.



BALLISTIC IMPACT PANEL

Kevlar® is used in bulletproof vests and body armor to protect your core. We use it in strategic places around the binding-to-board interface to protect the construction from impacts during hard landings.



OLD! ASYMMETRICAL TWIN SHAPE

A Nitro original invention: already 25 years ago, we figured out that the body's ability to lean into a turn is different between toe- and heelside. So we designed the Asymmetrical Twin, a board that has a deeper heelside sidecut to compensate for the human body's inability to bend the knees in both ways :-). The Fury model is a modern interpretation in shape, construction and flex of the two asymmetrical twin boards offered back in the day.

BOARD SPECS

SEASON 19/20

| MODEL | SIZE | NOSE/TAIL WIDTH | WAIST WIDTH | SIDECUT | SIDECUT TYPE | CAMBER | STANCE RANGE CM | STANCE RANGE IN | SEBACK | RIDER WEIGHT KG | RIDER WEIGHT LBS | RUNNING LENGTH |
|--|--------------------------|--|--------------------------|--|------------------------------------|--------------------|---|-------------------------------|-------------------|-------------------|----------------------|------------------------------|
| MEN'S SNOWBOARDS | | | | | | | | | | | | |
| THE QUIVER CANNON | 173 203 | 300 / 292 310 / 302 | 255 255 | 7.7 / 6.9 9.7 / 8.9 | Progressive | CAM-OUT | 52-64 52-64 | 20.5-25.2 20.5-25.2 | -25 -30 | 70+ 75+ | 155+ 165+ | 1140 1420 |
| SLASH FURY | 163 157 | 301 / 301 292 / 292 | 250 250 | 9.0 / 5.6 - 7.0 / 4.1 9.0 / 5.6 - 7.0 / 4.1 | Dual Degressive | CAM-OUT CAM-OUT | 50-62 48-60 | 19.7-24.4 18.9-23.6 | 0 -25 | 70+ 60+ | 155+ 130+ | 1120 1090 |
| FUSION | 159 154 | 300 / 293 298 / 291 | 254 253 | 9.1 / 7.9 8.7 / 7.5 | Progressive | CAM-OUT | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -25 -15 | 70+ 60+ | 155+ 130+ | 1180 1110 |
| BANKER POW | 159 154 | 302 / 298 340 / 291 | 256 280 | 8.2 / 6.5 11.4 / 8.3 | Progressive Progressive | TRUE TRUE | 50-62 52-64 | 19.7-24.4 20.5-25.2 | -25 -20 | 60+ 50+ | 130+ 110+ | 1150 1065 |
| FINTWIN SPLITBOARDS DOPPLEGANGER | 149 | 321 / 282 | 258 | 7.6 / 6.3 | Progressive | CAM-OUT | 50-62 | 19.7-24.4 | -20 | 50+ | 110+ | 1065 |
| SQUASH SPLIT | 164 160 159 | 304 / 295 302 / 293 306 / 301 | 257 256 260 | 8.5 / 7.7 8.2 / 7.4 8.7 / 7.8 | Progressive | CAM-OUT | 50.8 - 66.1 50.8 - 66.1 | 20 - 26 20 - 26 | -25 -25 | 70+ 60+ | 155+ 130+ | 1140 1100 1180 |
| NOMAD | 152 165 161 156 | 288 / 283 299 / 299 297 / 297 291 / 291 | 245 260 258 252 | 8.0 / 7.2 10.0 / 8.0 9.5 / 7.5 / 9.5 9.0 / 7.0 / 9.0 | Radial | Flat-Out | 48.4 - 64.6 50.8 - 66.1 50.8 - 66.1 | 19 - 25 20 - 26 20 - 26 | -25 -25 -25 | 50+ 70+ 60+ | 110+ 155+ 130+ | 1120 1130 1090 1040 |
| ALL MOUNTAIN HIGHLANDER | 163 159 | 304 / 303 298 / 297 | 260 255 | 8.2 / 6.8 / 5.0 / 7.1 8.1 / 6.6 / 4.8 / 7.0 | Progressive | TRUE | 50-62 50-62 | 19.7-24.4 19.7-24.4 | -15 -15 | 70+ 60+ | 155+ 130+ | 1140 1120 |
| WOODCARVER 30YEARS LTD WOODCARVER | 159 163 159 152 | 305 / 304 307 / 306 305 / 304 301 / 300 | 251 257 251 250 | 6.0 / 5.0 / 6.0 7.0 / 6.0 / 7.0 6.0 / 5.0 / 6.0 6.0 / 5.0 / 6.0 | Dual Degressive Dual Degressive | CAM-OUT CAM-OUT | 50-62 50-62 | 19.7-24.4 19.7-24.4 | -20 -20 | 65-85 75+ | 145-185 165+ | 1100 1140 1100 1065 |
| SUPRATEAM | 159 156 162 | 300 / 300 294 / 294 308 / 308 | 254 249 260 | 9.0 / 7.1 8.8 / 7.0 7.5 / 5.5 | Progressive | TRUE | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -15 -15 | 65-85 60-80 | 145-185 130-175 | 1180 1160 1065 |
| SANTOKU | 159 156 167 | 301 / 301 293 / 293 307 / 307 | 255 250 264 | 7.5 / 5.5 7.5 / 5.5 9.6 / 7.6 | Dual Degressive | TRUE | 50-62 48-60 | 19.7-24.4 18.9-23.6 | 0 -25 | 65-85 60-80 | 145-185 130-175 | 1035 1005 1250 |
| PANTERA | 163 160 169 | 305 / 301 303 / 300 321 / 317 | 257 255 271 | 9.5 / 7.5 9.3 / 7.3 9.8 / 7.8 | Progressive | TRUE | 50-62 52-64 | 19.7-24.4 20.5-25.2 | -25 -25 | 65-85 75+ | 145-185 165+ | 1230 130-175 1280 |
| PANTERA W | 166 163 | 321 / 317 319 / 315 | 272 259 | 9.6 / 7.6 9.5 / 7.5 | Progressive | TRUE | 52-64 50-62 | 20.5-25.2 19.7-24.4 | -25 -25 | 70+ 65-85 | 155+ 145-185 | 1250 1180 |
| MOUNTAIN | 163 160 157 | 306 / 298 302 / 294 300 / 292 | 259 256 251 | 8.4 / 7.6 8.2 / 7.4 8.0 / 7.2 | Progressive | CAM-OUT | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -15 -15 | 65-85 55-75 | 145-185 120-165 | 1150 1120 |
| MOUNTAIN X GRIF | 163 160 153 | 306 / 298 302 / 294 300 / 292 | 259 256 251 | 8.4 / 7.6 8.2 / 7.4 8.0 / 7.2 | Progressive | CAM-OUT | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -15 -15 | 65-85 55-75 | 145-185 120-165 | 1150 1120 |
| SQUASH | 163 159 153 | 306 / 301 301 / 295 295 / 289 | 260 255 251 | 8.7 / 7.8 8.4 / 7.6 8.0 / 7.2 | Progressive | TRUE | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -25 -25 | 70+ 60+ | 155+ 130+ | 1210 1180 |
| TEAM EXPOSURE | 162 159 152 | 295 / 295 295 / 295 289 / 289 | 254 252 246 | 12.8 / 8.1 / 12.8 11.7 / 7.3 / 11.7 11.3 / 7.3 / 11.3 | Dual Degressive | TRUE | 50-62 50-62 | 19.7-24.4 19.7-24.4 | -15 -15 | 70+ 65-85 | 155+ 145-185 | 1210 1180 |
| TEAM EXPOSURE W | 165 162 159 | 313 / 313 311 / 311 309 / 309 | 272 270 266 | 12.4 / 8.8 / 12.4 12.8 / 8.1 / 12.8 11.7 / 7.3 / 11.7 | Dual Degressive | TRUE | 52-64 50-62 | 20.5-25.2 19.7-24.4 | -15 -15 | 75+ 65-85 | 165+ 145-185 | 1240 1180 |
| TEAM EXPOSURE GULLWING | 162 157 155 | 295 / 295 293 / 293 291 / 291 | 254 250 248 | 12.8 / 8.1 / 12.8 11.7 / 7.3 / 11.7 11.3 / 7.3 / 11.3 | Dual Degressive | GULLWING | 50-62 48-60 | 19.7-24.4 19.7-24.4 | -15 -15 | 70+ 65-85 | 155+ 145-185 | 1210 1180 |
| TEAM EXPOSURE W GULLWING | 162 157 155 | 289 / 289 289 / 289 289 / 289 | 246 246 246 | 10.7 / 6.8 / 10.7 10.7 / 6.8 / 10.7 10.7 / 6.8 / 10.7 | Dual Degressive | GULLWING | 48-60 48-60 | 18.9-23.6 18.9-23.6 | -15 -15 | 55-75 50-70 | 120-165 110-155 | 1160 1140 |
| TEAM EXPOSURE W GULLWING | 162 159 157 | 311 / 311 309 / 309 307 / 307 | 270 266 264 | 12.4 / 8.8 / 12.4 11.7 / 7.3 / 11.7 11.3 / 7.3 / 11.3 | Dual Degressive | GULLWING | 52-64 50-62 | 20.5-25.2 19.7-24.4 | -15 -15 | 75+ 65-85 | 165+ 145-185 | 1240 1180 |
| TEAM | 162 159 157 | 295 / 295 293 / 293 291 / 291 | 254 250 248 | 12.8 / 8.1 / 12.8 11.7 / 7.3 / 11.7 11.3 / 7.3 / 11.3 | Dual Degressive | TRUE | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -15 -15 | 70+ 60-80 | 155+ 130-175 | 1210 1170 |
| TEAM | 162 159 157 | 289 / 289 289 / 289 289 / 289 | 246 246 246 | 10.7 / 6.8 / 10.7 10.7 / 6.8 / 10.7 10.7 / 6.8 / 10.7 | Dual Degressive | TRUE | 48-60 48-60 | 18.9-23.6 18.9-23.6 | -15 -15 | 50-70 75+ | 110-155 165+ | 1140 1240 |
| TEAM W | 162 159 157 | 313 / 313 311 / 311 309 / 309 | 272 270 266 | 12.4 / 8.8 / 12.4 12.8 / 8.1 / 12.8 11.7 / 7.3 / 11.7 | Dual Degressive | TRUE | 52-64 50-62 | 20.5-25.2 19.7-24.4 | -15 -15 | 75+ 65-85 | 165+ 145-185 | 1240 1180 |
| TEAM W GULLWING | 162 159 157 | 309 / 309 307 / 307 304 / 304 | 266 264 256 | 11.7 / 7.3 / 11.7 11.3 / 7.3 / 11.3 7.0 / 4.1 / 7.0 | Dual Degressive | GULLWING | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -15 -15 | 65-85 55-75 | 145-185 120-165 | 1180 1060 |
| DROPOUT | 171 167 163 | 326 / 325 324 / 323 321 / 320 | 274 272 270 | 8.0 / 4.8 / 8.0 7.5 / 4.8 / 7.5 7.0 / 4.1 / 7.0 | Dual Degressive | CAM-OUT | 52-64 52-64 | 20.5-25.2 20.5-25.2 | -15 -15 | 75+ 75+ | 165+ 165+ | 1180 1150 1120 |
| MAGNUM | 159 161 158 | 317 / 316 307 / 306 304 / 303 | 268 256 255 | 7.0 / 4.1 / 7.0 7.0 / 4.1 / 7.0 7.0 / 4.1 / 7.0 | Dual Degressive | CAM-OUT | 50-62 50-62 | 19.7-24.4 19.7-24.4 | -15 -15 | 65-85 70+ | 145-185 155+ | 1090 1120 1090 |
| SMP | 155 152 162 | 298 / 297 296 / 295 314 / 314 | 252 248 267 | 7.0 / 4.1 / 7.0 6.0 / 4.0 / 6.0 8.0 | Radial | GULLWING | 48-60 50-62 | 18.9-23.6 19.7-24.4 | -15 -15 | 55-75 50-70 | 120-165 110-155 | 1060 1040 1200 |
| CINEMA | 159 152 162 | 302 / 302 298 / 298 290 / 290 | 256 254 246 | 7.8 7.6 7.2 | Radial | GULLWING | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -15 -15 | 65-85 55-75 | 145-185 120-165 | 1170 1130 1100 |
| PRIME RED | 152 155 163 | 302 / 302 300 / 300 318 / 318 | 256 254 272 | 7.8 7.8 8.4 | Radial | FLATOUT | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -15 -15 | 70+ 65+ | 155+ 145+ | 1210 1180 1230 |
| PRIME W RED | 159 156 162 | 316 / 316 314 / 314 304 / 304 | 270 268 258 | 7.8 7.6 8.4 | Radial | FLATOUT | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -15 -15 | 65-85 60-80 | 145-185 130-175 | 1170 1150 1210 |
| PRIME PAINT | 158 155 163 | 302 / 302 300 / 300 298 / 298 | 256 254 252 | 7.8 7.6 7.2 | Radial | FLATOUT | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -15 -15 | 65-85 50-70 | 145-185 120-165 | 1170 1150 1120 |
| PRIME W PAINT | 165 163 159 | 320 / 320 318 / 318 316 / 316 | 274 272 270 | 8.6 8.4 8.4 | Radial | FLATOUT | 52-64 50-62 | 20.5-25.2 19.7-24.4 | -15 -15 | 75+ 70+ | 165+ 155+ | 1230 1210 1210 |
| PRIME W PAINT | 159 156 | 316 / 316 314 / 314 | 270 268 | 7.8 7.6 | Radial | FLATOUT | 50-62 48-60 | 19.7-24.4 18.9-23.6 | -15 -15 | 65-85 60-80 | 145-185 130-175 | 1170 1150 |

BOARD SPECTRUM

SEASON 19/20

MEN

Park

All Mountain

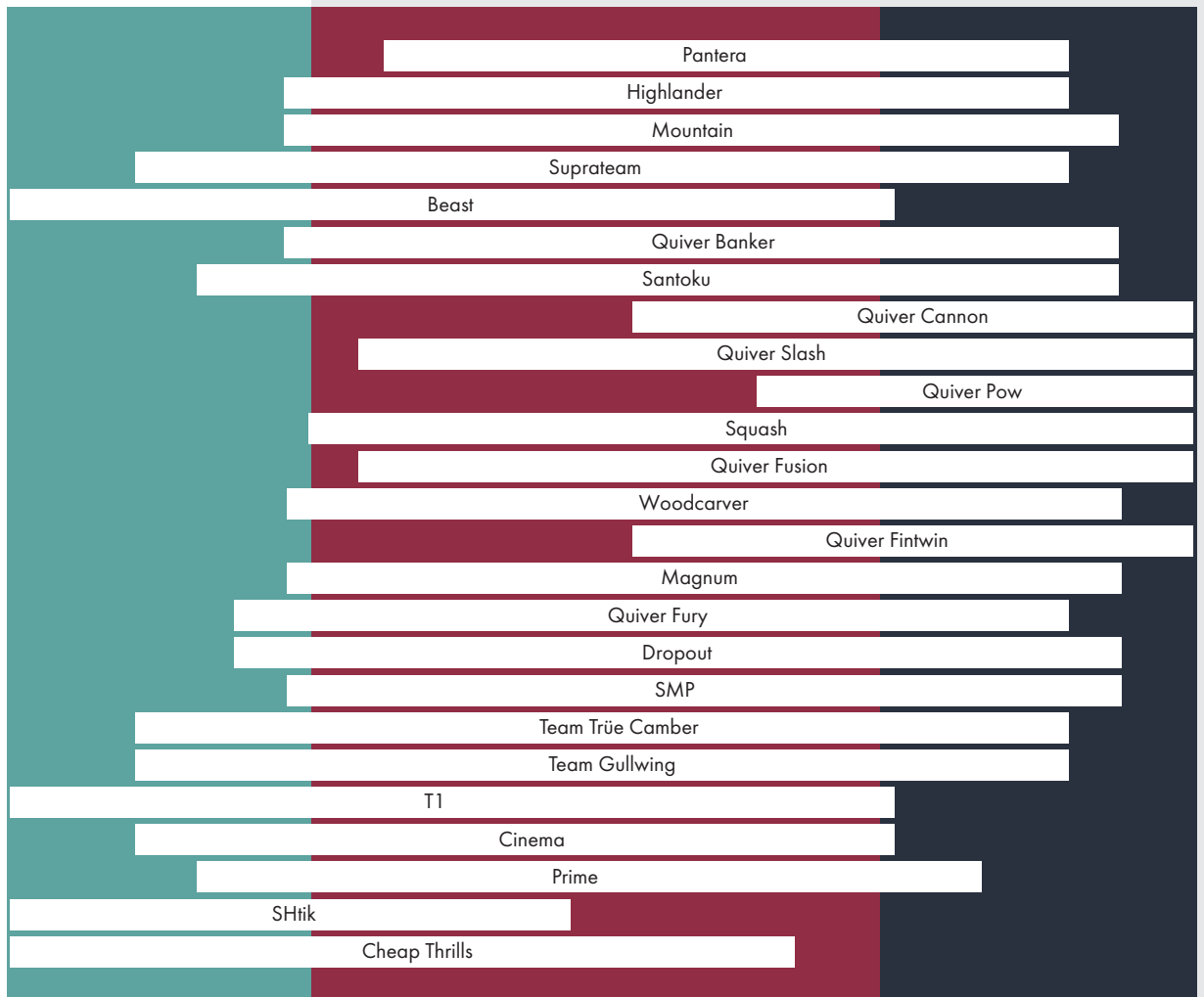
Backcountry

Responsive

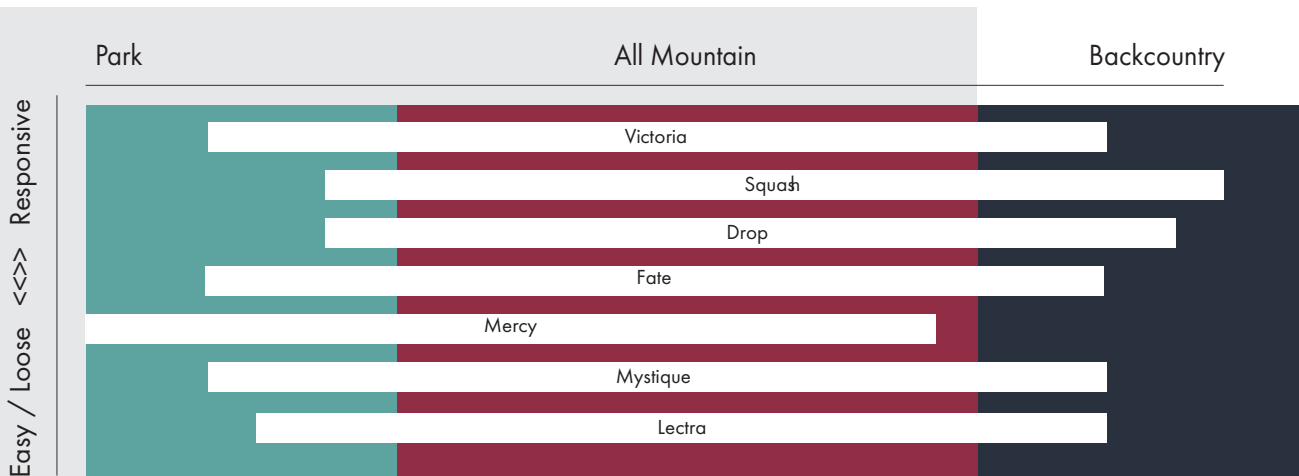
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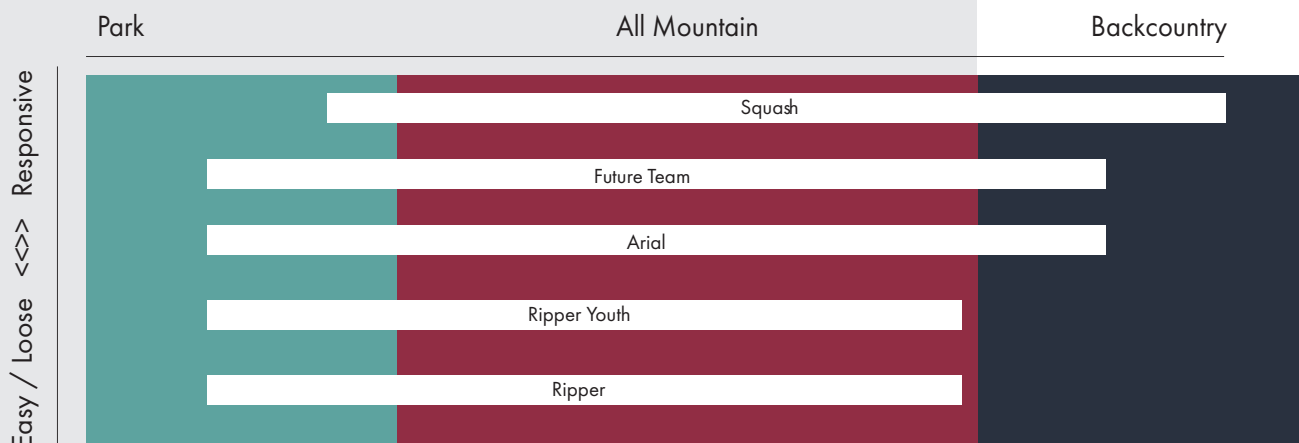
Easy / Loose



WOMEN



YOUTH



SPLITBOARD MEN & WOMEN

