

NITRO Board Tech

CAMBERS

CAM-OUT CAMBER: Poppy and Playful

NEW!

OUR NEW CAM-OUT CAMBER IS BASICALLY A LOWRIDER 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!

STANDARD CAMBER: Snappy And Precise

STANDARD CAMBER PROVIDES THE STABILITY AT HIGHER SPEEDS MANY SHREDS CAN'T LIVE WITHOUT. THE AMOUNT OF SNAP AND POP YOU GET FROM A CAMBERED BOARD IS UNRIVALLED BY ANY OTHER CAMBER DESIGN. IF YOU LIKE TO HAUL ASS AND GO BIG, CAMBER IS IRREPLACEABLE.



ZERO CAMBER: The Everybody Camber

LOWRIDER CAMBER IS THE ULTIMATE FREESTYLE CAMBER WITH THE PERFECT AMOUNT OF FLEX, WITHOUT SACRIFICING MUCH NEEDED STABILITY, SNAP, AND POP. THE MELLOW POSITIVE CAMBER CURVE ALLOWS THE BOARD TO EASILY FLEX WHILE PRESSING, WHILE MAINTAINING ENOUGH SNAP TO HELP YOU STOMP THOSE BACKSEAT LANDINGS.



ROOFCHOP CAMBER: Smooth And Even Response

IN AN EFFORT TO BUILD THE SMOOTHEST-PERFORMING BOARDS ON THE MOUNTAIN, NITRO DESIGNED THE ROOF-CHOP CAMBER: A LOW POSITIVE CAMBER WITH A FLATTENED CENTER ZONE PROVIDES UNMATCHED POP AND EVEN EDGE PRESSURE WITHOUT BITE.



FLAT OUT ROCKER

FLAT OUT ROCKER IS A HYBRID ZERO CAMBER PROFILE WHERE THE NOSE AND TAIL LIFT OFF BEFORE THE TRADITIONAL CONTACT POINTS, PROVIDING EFFORTLESS TURNS AND SMOOTH MANEUVERS. THE LIFTED NOSE AND TAIL PROVIDE EXCELLENT FLOAT, PRESSABILITY, AND FORGIVENESS IN ANY TERRAIN. T



GULLWING ROCKER: Hybrid Camber/Rocker

A HYBRID CAMBER/ROCKER PROFILE IN A LEAGUE OF ITS OWN, GULLWING 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 SUPERB PRESS-ABILITY 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.



LOWRIDER CAMBER

LOWRIDER CAMBER IS THE ULTIMATE FREESTYLE CAMBER WITH THE PERFECT AMOUNT OF FLEX, WITHOUT SACRIFICING MUCH NEEDED STABILITY, SNAP, AND POP. THE MELLOW POSITIVE CAMBER CURVE ALLOWS THE BOARD TO EASILY FLEX WHILE PRESSING, WHILE MAINTAINING ENOUGH SNAP TO HELP YOU STOMP THOSE BACKSEAT LANDINGS.





All Snowboards

BOARD SPECS & TECH

MODEL	SIZE	SHAPE	NOSE/TAIL WIDTH	WAIST WIDTH	SIDECUT	SIDECUT TYPE	CAMBER	STANCE RANGE CM	STANCE RANGE IN	SETBACK	CORE TYPE	CORE PROFILE	LAMINATES	RIDER WEIGHT KG	RIDER WEIGHT LBS	WIDTH	RUNNING LENGTH	CAMBER HEIGHT	NOSE/TAIL HEIGHT
WOMEN'S FREESTYLE BOARDS																			
SPELL	151	Twin	286 / 286	240	7.2 / 6.0 / 7.2	Radial	FLAT-OUT	46-58	18.1-22.8	0	PowerCore II	Whiplash	Bi-Lite	50-70	110-155	N	980	0	59 / 59
	148		282 / 282	236	7.0 / 5.5 / 7.0			46-58	18.1-22.8	0				100-145	960		0	56 / 56	
	145		278 / 278	234	7.0 / 5.5 / 7.0			44-56	17.3-22.0	0				-65	940		0	54 / 54	
MERCY	142	Twin	274 / 274	232	7.0 / 5.5 / 7.0	Dual Degressive	CAM-OUT	42-54	16.5-21.3	0	PowerCore II	STD	Bi-Lite	-65	-145	N	920	0	54 / 54
	149		279 / 279	238	9.4 / 6.9 / 9.4			46-58	18.1-22.8	0				50-70	1020		5	47 / 47	
	146		276 / 276	234	8.9 / 6.5 / 8.9			44-56	17.3-22.0	0				45-65	990		5	47 / 47	
ANNA GASSER PRO MODEL FIRECRACKER	142	T1.5	274 / 274	232	8.5 / 6.1 / 8.5	Radial	LOWRIDER	42-54	16.5-21.3	0	PowerCore II	STD	Bi-Lite	-65	-145	M	960	5	45 / 45
	149		287 / 287	244	7.5			48-60	18.9-23.6	0				50-70	110-155		1110	5	45 / 45
	152		286 / 286	240	7.1			46-58	18.1-22.8	0				55+	120+		1000	0	56 / 56
ANA RUMIHA ONE-OFF	149	Firecracker	284 / 284	238	6.9	Radial	FLAT-OUT	42-54	16.5-21.3	0	PowerCore	STD	Bi-Lite	50-70	110-155	N	980	0	54 / 54
	146		280 / 280	234	6.6			42-54	16.5-21.3	0				45-65	100-145		960	0	52 / 52
	142		276 / 276	230	6.3			42-54	16.5-21.3	0				-60	-130		940	0	48 / 48
YOUTH BOARDS																			
DEMAND	152	Youth Twin	291 / 291	251	8.4	Radial	GULLWING	48-60	18.9-23.6	0	PowerCore	STD	Bi-Lite	55+	120+	MW	1140	2.5-5-2.5	47 / 47
	149		289 / 289	249	8.0			48-60	18.9-23.6	0				50+	110+		1110	2.5-5-2.5	47 / 47
	146		285 / 285	246	7.6			46-58	18.1-22.8	0				45-65	100-145		1080	2.5-5-2.5	47 / 47
	142		283 / 283	244	7.1			46-58	18.1-22.8	0				40-60	90-130		1040	2.5-5-2.5	47 / 47
	138		281 / 281	243	6.8			44-56	17.3-22.0	0				35-55	75-120		1000	2.5-5-2.5	47 / 47
DESIRE	149	Youth Twin	283 / 283	243	8.0	Radial	GULLWING	42-54	16.5-21.3	0	PowerCore	STD	Bi-Lite	45+	100+	N	1110	2.5-5-2.5	47 / 47
	146		273 / 273	234	7.6			42-54	16.5-21.3	0				45-65	100-145		1080	2.5-5-2.5	47 / 47
	142		269 / 269	230	7.1			42-54	16.5-21.3	0				40-60	90-130		1040	2.5-5-2.5	47 / 47
	138		263 / 263	225	6.8			42-54	16.5-21.3	0				35-55	75-120		1000	2.5-5-2.5	47 / 47
	146		285 / 285	242	7.3			46-58	18.1-22.8	0				45-65	100-145		1050	0	48 / 48
MINI PRO MARCUS KLEVELAND	142	Twin	281 / 281	239	7.2	Radial	ZERO	46-58	18.1-22.8	0	PowerCore	STD	Bi-Lite	40-60	90-130	M	1040	0	45 / 45
	149		299 / 299	256	7.5			48-60	18.9-23.6	0				50+	110+		1120	0	48 / 48
	146		297 / 297	254	7.3			46-58	18.1-22.8	0				45-65	100-145		1050	0	48 / 48
RIPPER WIDE	142	Youth Twin	293 / 293	252	7.2	Radial	ZERO	46-58	18.1-22.8	0	PowerCore	STD	Bi-Lite	40-60	90-130	M	1040	0	45 / 45
	149		287 / 287	244	7.5			48-60	18.9-23.6	0				50+	110+		1120	0	48 / 48
	146		285 / 285	242	7.3			46-58	18.1-22.8	0				45-65	100-145		1050	0	48 / 48
RIPPER YOUTH	142	Youth Twin	281 / 281	239	7.2	Radial	ZERO	46-58	18.1-22.8	0	PowerCore	STD	Bi-Lite	40-60	90-130	M	1040	0	45 / 45
	137		271 / 271	232	7.1			44-56	17.3-22.0	0				35-55	75-120		1000	0	43 / 43
	132		261 / 261	224	7.0			42-54	16.5-21.3	0				30-50	65-110		960	0	42 / 42
	126		251 / 251	218	6.9			42-50	16.5-19.7	0				25-45	55-100		900	0	42 / 42
	121		246 / 246	216	6.9			40-48	15.8-18.9	0				20-40	45-90		850	0	42 / 42
RIPPER	116	Twin	241 / 241	214	6.8	Radial	ZERO	38-46	15.0-18.1	0	PowerCore	STD	Bi-Lite	20-40	45-90	M	800	0	42 / 42
	106		231 / 231	210	6.7			34-42	13.4-16.5	0				-35	-75		700	0	42 / 42
	96		221 / 221	205	6.6			30-38	11.8-15.0	0				-30	-65		600	0	42 / 42

NITRO BOARD TECH

SIDECUTS

RADIAL SIDECUT

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

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.

DUAL PROGRESSIVE SIDECUT:

Tighter radii towards tip and tail improve control, acceleration and grip. Combined with a mellower tip and tail flex, this sidecut gives eero just the amount of control he's looking for.

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.

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 HD BASE: HIGH DEFINITION - 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. All in an ultra clear package for extra crisp graphics.



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 lightening fast in all snow conditions. Highly tuned yet extremely durable, SPEED FORMULA II base technology is exclusively featured on Nitro high-end boards

NITRO BOARD TECH

FLEX PROFILES

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.

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.

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.

MOUNTAIN: SPEED AND POWER

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

CORES

POWERCORE

POWERCORE: PERFORMANCE DRIVEN

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

POWERCORE II

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.

POWERLITECORE

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.



Koroyd™
ENGINEERED CORES

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 completely engineered core solution offers an exceptionally light construction, a smooth ride and improved dampening. Exclusively used on the ULTIMATE for unparalleled response and feel.

CORE PROFILES



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 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.

LAMINATES



BI-LITE LAMINATES: FORGIVING AND STRONG

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



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 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.



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

Extended width under the bindings provides additional edge control and board turning performance. The extra width under the bindings toe and heel edge eliminate toe and heel drag and while offering exceptional control and natural board feel.

NEW! HIKE PODS

Featured exclusively on our Doppelganger split board, the new Hike Pods are specifically designed to add grip under the bindings in hiking mode, making those icy traverses just a bit more fun.



RAIL KILLER EDGE

Your secret weapon for rails, rocks and longevity! With its 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.

SOFRIDE FLEX

An 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 Überspoon and Slash. 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.

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 new Pyro and Diablo models are a modern interpretation in shape, construction and flex of the two asymmetrical twin boards offered back in the day.