
2016
PIVOT
CYCLES



PIVOT CYCLES
FOUNDING LEAGUE SPONSOR

HIGH SCHOOL ARIZONA CYCLING LEAGUE

National Interscholastic Cycling Association

Welcome to Pivot Cycles 2016

This is going to be an amazing year for mountain bikes – bicycle technology continues to develop in ways that bring incredible performance and new levels of fun to the trail. Here at Pivot Cycles, we remain focused on our philosophy of "Performance Redefined", and continue to aggressively push the boundaries of engineering and design to new heights, so that our customers can push their limits as well.

Pivot engineers have decades of combined experience and the R&D facilities at our headquarters are a development playground. We do everything from 3D printing and prototyping to CNC machining and prototype manufacturing right at home in Arizona, giving us the ability to create dozens of technology and geometry combinations for every new Pivot bike, until we find the perfect combination.

In addition to our own in-house capabilities, we work closely with our partners at renowned companies like Shimano, Fox, DT Swiss, Maxxis, WTB, KS, etc. and of course with dw-link®'s own Dave Weagle to be in front of any technology that can give our riders advantages in the real world.

On the trail, you will find our world class athletes also contribute to bike development – from World Cup DH racing to enduro, dirt jumping, cross country, gravel and fat bike events – the input we receive directly influences every Pivot Cycles product. In 2016, the new Mach 6 Carbon is the direct result of feedback from our racers and customers as well as the sophisticated testing and engineering we utilize in our design process.

We will always remain focused on the reasons we do what we do – it isn't enough to build a good bike- we want to build THE BEST bike in every category. If you already own a Pivot, then you know that they climb, descend and handle better than any other bike out there. If you are new to Pivot, we are confident that you will experience the dedication, passion, intelligence and attention to detail that put our products at a higher level from the first time you head out for a ride.

This same passion for excellence extends to our service and support. We love our customers, and our interactions with fellow Pivot riders is what drives us. Seeing your smiles on the trail validates our vision and our calling to design cutting edge bikes – providing you with the best possible experience every time you head out for a ride. We value your support and welcome you to the Pivot family!



Chris Cocalis
President/CEO
Pivot Cycles

MACH 6 CARBON

Unleash your trail-slaying potential with the new Mach 6 Carbon, the world's most versatile enduro/trail machine - an uncompromising, singletrack-devouring descender with stunning climbing capabilities. Featuring 27.5" wheels, a slack head-angle, short chainstays and low bottom bracket height, the Mach 6 Carbon ups the ante across the category and enables any rider to conquer new terrain.

We've incorporated an all new double wishbone rear triangle, and new linkage design, with huge gains in overall stiffness – the upper linkage alone is 40% wider, 150% stiffer and utilizes larger bearings at the frame attachment point, while the redesigned clevis is now lighter, stronger and provides increased clamping force on the shock body. The new rear triangle also incorporates Boost™ spacing for an overall increase in frame stiffness, power transfer and even more tire clearance, allowing for a wide range of tire choices.

The Mach 6 Carbon features acclaimed dw-link® suspension dialed for long travel applications. The renowned anti-squat delivers non-stop traction, while the variable wheel travel path provides unmatched square-edge bump absorption and control. The responsiveness and bottomless feel of this ride is matched only by the exceptionally efficient climbing capability for faster, easier transfers - getting you to the next killer descent before everyone else.

The Mach 6 Carbon now features the innovative Pivot Cable Port System for the first fully Di2 integrated long travel bike. Other details include post mount disc brake mounts, internal stealth dropper compatibility and Enduro Max cartridge bearings throughout.
The Mach 6 Carbon is available in a five sizes, from XS to XL.

- **Full carbon frame featuring leading edge carbon fiber materials and Pivot's proprietary hollow core internal molding technology**
- **155 mm (6.1") of renowned dw-link® suspension**
- **27.5-inch wheels for the fastest descents and superior rollover in technical terrain**
- **Pivot's new ultra-stiff, DH-inspired, double-wishbone rear triangle design**
- **All new, cold-forged wider and stiffer upper and lower linkage design with Enduro Max Cartridge Bearings**
- **New 12 x 148mm Boost rear spacing for maximum stiffness and control**
- **Custom-tuned Fox Factory Kashima Float X shock with EVOL air sleeve**
- **Designed to work with forks from 150-160mm in travel**
- **All new internal cable routing, featuring Pivot's Cable Port System and full Di2 integration**
- **Internal stealth dropper post compatible**

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Photo: Jane Sauret





MACH 6 CARBON

DH
Enduro
Trail
XC



Shown with XTR
2x build, includes
KS LEV Integra dropper post

Shown with XTR 1x build, includes KS LEV Integra dropper post

COLOR OPTIONS

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2014 INTERBIKE AWARD
People's Upgrade Choice, Mtn.

BEST OF TEST mtbr 2014
MOST VERSATILE BIKE
PIVOT MACH 6







MACH 6
ALUMINUM

Dominate new terrain with the new Mach 6 Aluminum. We've met our carbon standards for stiffness, power transfer and perfectly dialed suspension performance, culminating in a bike that raises every rider's ability to conquer aggressive, technical trails. The Mach 6 Aluminum devours singletrack - the 27.5" wheels, slack head angle, short chainstays and low bottom bracket height all add up to incredibly versatile and capable bike that redefines aluminum in the enduro/trail category.

Stiffness, precision and traction equal confidence on every trail. The Mach 6 Aluminum delivers in spades via the same new linkage design as the Mach 6 Carbon - the upper linkage alone is 40% wider, 150% stiffer and utilizes larger bearings at the frame attachment point, while the redesigned clevis is now lighter, stronger and provides increased clamping force on the shock body. We've also incorporated Boost™ spacing for an overall increase in frame stiffness, power transfer and even more tire clearance, allowing for a wide range of tire choices.

The Mach 6 Aluminum features acclaimed dw-link® suspension dialed for long travel applications. The renowned anti-squat delivers non-stop traction, while the variable wheel travel path provides unmatched square-edge bump absorption and control. The responsiveness and bottomless feel of this ride is matched only by the exceptionally efficient climbing capability for faster, easier transfers - getting you to the next killer descent before everyone else.

The Mach 6 Aluminum incorporates all the same details that make Pivot bikes best in class: post mount disc brake mounts, internal stealth dropper compatibility, Enduro Max cartridge bearings throughout and availability in five sizes, from XS to XL.

+ **Pivot's newest aluminum frameset utilizes next-generation, variable wall thickness hydro-forming - bringing carbon-level strength, stiffness, precision and control to produce the ultimate aluminum frame design**
+ **155mm (6.1") of renowned dw-link® suspension**
+ **27.5-inch wheels for the fastest descents and superior rollover in technical terrain**
+ **All new cold-forged wider and stiffer upper and lower linkage design with Enduro Max Cartridge Bearings**
+ **New 12 x 148mm Boost rear spacing for maximum stiffness and control**
+ **Custom-tuned Fox Factory Kashima Float DPS Shock with EVOL air sleeve**
+ **Easy to use mix of external and internal cable routing**
+ **Internal stealth dropper post compatible**

Photo: Colt Maule

MACH 6
ALUMINUM

DH
Enduro
Trail
XC



Shown with XT Pro
2x build and optional
KS LEV Integra dropper post

Shown with XT Pro 2x build and
optional KS LEV Integra dropper post

COLOR OPTIONS

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MACH 429 TRAIL

The greatest trail bikes do everything well and Pivot's new Mach 429 Trail raises the bar for amazing bikes even higher. The 429 Trail takes advantage of the best features of 29 and maintains the performance characteristics that translate to the "best-ride-ever," every time you ride.

The 429 Trail marks the introduction of Pivot's new mid-travel trail linkage design, specifically for trail bikes. With major influences from the clevis design of the Phoenix DH Carbon and Mach 6 Carbon, the 429 Trail utilizes an entirely new upper linkage to provide the same ultra-precise control and bottomless feel of our longer travel dw-link® designs in a more compact, lighter package for trail applications.

Additionally, we've designed this full carbon frame with value in mind, maintaining the highest levels of stiffness and strength to weight, while making focused changes to keep the costs down and the technical advantages high, such as strategic, easy-to-service external routing combined with key features of the Pivot Cable Port System – including ports for use with an internal dropper post and clean cable/housing routing through the chainstays.

To complement this new 29er formula, you'll find Boost™ 148 spacing, our own hollow core, internal, high compression carbon molding and the obsessive detailing you expect from Pivot. Effortless trail bike handling, incredible power transfer and precise cornering are all yours, without compromise, in the perfectly balanced chassis of the Mach 429 Trail. It is the perfect choice for your next ride.

- **Full carbon frame featuring Pivot's proprietary hollow core internal molding technology**
- **New 12 x 148mm Boost rear spacing for maximum stiffness and control**
- **Designed to work with forks from 120-130mm in travel**
- **Fox Float DPS shock, performance tuned for the Mach 429 Trail**
- **29-inch wheels for fast laps and superior rollover in technical terrain**
- **27.5"+ capable!**
- **Mix of external and internal cable routing with Pivot's internal cable port system, internal dropper post compatible**
- **Cold forged alloy linkages with Enduro Max Cartridge Bearings**
- **Pivot's innovative new mid-travel linkage design**
- **116mm of renowned dw-link® suspension tuned for trail handling**



Photo: Steve Lloyd



Shown with XT Pro 2x build and optional KS LEV Integra dropper post

Shown with XT Pro 2x build and optional KS LEV Integra dropper post

DH
Enduro
Trail
XC

COLOR OPTIONS

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MACH4 CARBON

The Pivot Mach 4 is the bike that started it all. From the racetrack to the trail, nothing performs like the Mach 4 Carbon. Now in its 4th generation, and upgraded with all the latest features, the Mach 4 Carbon rolls on 27.5" wheels, features 115mm of travel, and introduces the next generation of race/trail geometry - all paired with the lightest full-suspension frame we have ever made. Whether you are a pure XC racer looking for something ultra-nimble, with the rolling speed of a 29er, or a trail rider that wants something fast and responsive yet stable, the Mach 4 has you covered.

The dw-link® suspension has been tuned to provide instant acceleration with hardtail efficiency, while delivering the incredible climbing traction that our dw-link® equipped bikes are famous for. Short chainstays, spacious top tube clearance, and the incredibly stiff carbon chassis all enable you to achieve your fastest time on the climbs. On the descents, the Mach 4 comes alive. With ultra-stable front end geometry, a low BB height, and 115mm travel, you can tackle some of the roughest trails with ease, cornering like the bike is on rails and slicing through turns.

The Pivot Mach 4 Carbon is fully Di2 integrated. Featuring our innovative Cable Port System, internal routing is easy to install and maintain with large, easy-to-access ports and interchangeable covers for the cleanest installation of wires, batteries and cables. No matter what components or gearing you choose, now or in the future, we have you covered. If you prefer a more conventional set up, the Mach 4 has the cleanest cable routing in the sport, with ports for full internal routing and dropper post.

- **115 mm dw-link® suspension with race and trail tuning**
- **Full carbon frame featuring Pivot exclusive hollow box internal molding technology**
- **27.5" wheels**
- **XS, S, M, L & XL sizing, with our X-small featuring the lowest stand-over clearance of any 27.5" suspension bike made**
- **Full length internal cable routing, and Shimano Di2 compatible with Pivot's exclusive cable port system**
- **Dropper post compatible with internal routing**
- **Enduro Max cartridge bearings**
- **Custom tuned FOX FLOAT DPS KASHIMA rear shock**
- **Frame weight from 5.1lbs (2.3kg)**
- **Complete bike weights from 22lbs (10kg)**
- **2 sets of bottle cage mounts**



Photo: Jens Staudt





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MACH4 CARBON

DH
Enduro
Trail
XC



Shown with XX1 1x build

Shown with XTR Di2 2x build and optional KS LEV Integra dropper post

COLOR OPTIONS

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DESIGN & INNOVATION AWARD 2015

MACH 429 SL

Racing is a new game and the half pound lighter Pivot Mach 429 SL Carbon is the bike you need when the course tests both your engine size and handling skills.

The space age chassis drops over 226g via the use of leading-edge carbon fiber and our proprietary hollow-core, internal-molding process. Optimizing the composite materials and lay-up structure in the huge, box-section downtube and bottom bracket area, the tapered head tube and the highly-specific rear triangle tube sections enables us to make this the lightest, stiffest 29er with the best power transfer available.

The Pivot Mach 429 SL Carbon is fully Di2 integrated (only from Pivot!). Featuring our innovative Cable Port System, internal routing is easy to install and maintain with large, easy-to-access ports and interchangeable covers for the cleanest installation of wires, batteries and cables. No matter what components or gearing you choose, now or in the future, we have you covered.

Our race-winning, trail-slaying Mach 429 SL Carbon geometry is tried, tested and confidence-inspiring. On the uphill, you benefit from the latest in dw-link® suspension design with a Fox Float DPS Kashima Factory shock, performance-tuned specifically for the Mach 429 SL Carbon.

You can expect World Cup level efficiency provided by dw-link®'s anti-squat characteristics, instant acceleration and unparalleled climbing traction. Downhill, the 100mm of dw-link® suspension performs like a longer travel bike - an incredibly capable ride in technical terrain and ready for record-setting descents.

- **100mm travel dw-link® rear suspension with race and trail tuning**
- **1/2lb (226g) weight savings: Frame weight from 5.3lbs (2.4Kg) and sub-23lb (10.4kg) complete**
- **Full carbon frame featuring proprietary hollow core internal molding technology**
- **29 inch wheels for the fastest laps and best rollover**
- **Full internal dropper post compatible routing**
- **Cold forged alloy linkages with Enduro Max Cartridge Bearings**
- **Fox Float DPS Kashima Factory shock, performance-tuned for the Mach 429 SL**
- **2 sets of water bottle cage mounts**

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Photo: Colt Mauck







Shown with XX1 1x build

DH
Enduro
Trail
XC

Shown with XTR Di2 1x build

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LES

The Pivot LES defines fast. Sometimes racing demands a hardtail, but there's no reason to suffer when you sprint off the front of the pack. The LES is designed to be the lightest, fastest 29er race machine available and delivers smooth acceleration and performance on every part of the course. Pivot's exclusive hollow box, high-compression internal mandrel technology allows for greater compaction and smoother internal walls resulting in a lighter, stronger, highly optimized, ride tuned frame design - one that is incredibly stiff in all the right places yet still the most comfortable riding race bike ever developed.

The LES features extremely short 17.1" chainstays, matching the shortest chainstay lengths at any wheel size - giving you tight handling, incredible responsiveness along all the benefits of 29" wheels. As an added benefit, the LES features incredible tire clearance, enabling you to run some of the biggest 29er tires in the market - go ahead and run your 2.3's, and even some 27.5"+ options as well - It's no problem on the LES.

For the single speed rider, the LES is easy to set up with our patented Swinger dropout system. The Swinger adjustable system allows single speed riders the simplicity of a vertical dropout design with quick-click indexed adjustable chain tensioning. This lightweight, stable and compact adjustment system makes gearing changes easy and always holds proper chain tension, making it a true revelation in simplicity and function.

For those wanting to go fast with gears or without, the new Pivot LES offers you the ultimate ultra-lightweight, go fast tool in a high performance race package like only Pivot can deliver.

- **Full carbon frame featuring proprietary hollow core internal molding technology**
- **Full internal shift cable routing with easy access for installation and service**
- **29er wheels with incredibly short 17.1" chainstays with fantastic tire clearance**
- **27.5"+ capable!**
- **Full molded hi-mod carbon dropouts with replaceable derailleur hanger**
- **Swinger system for singlespeed use allows for fast wheel changes and no brake adjustments**
- **142x12mm rear thru axle**
- **Post style disk brake mounts**



Photo: Bryan Dillon





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Shown with XX1 1x build

Shown with X01 1x build

DH
Enduro
Trail
XC

COLOR OPTIONS



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LES 27.5

One more LES. Now you can have big wheel performance in an incredibly nimble package. The LES 27.5's compact frame takes advantage of Pivot's lightweight performance expertise and opens up the big wheel category to a much wider range of riders.

Pivot's exclusive hollow box, high-compression internal mandrel technology allows for greater compaction and smoother internal walls resulting in a lighter, stronger, highly optimized, ride tuned frame design – one that is incredibly stiff in all the right places yet still the most comfortable riding race bike ever developed.

The LES 27.5 features almost BMX-like handling, with next generation XC geometry – rail the tightest race courses while handling technical descents, rollers, berms and jumps like no XC hard-tail ever made. The magic combination of Pivot's ultra lightweight ride tuned composite chassis, 27.5" wheels, progressive geometry, and ultra-short 16.77"(42.6mm) chainstays makes for a bike that is as at home taking the cross country win as it is shredding jump-filled singletrack.

For smaller riders, the LES 27.5 is a revelation. Not only does this compact frame design enable riders to build sub 20 pound race bikes, the optimized small and X-small frame sizes mean that there is a LES model to properly fit every rider with bigger wheels, lighter weight, ample standover clearance and size specific ride tuning. Now you can own, ride and race the most highly optimized hardtail ever - perfected for riders from 4'10".

- **Full carbon frame featuring proprietary hollow core internal molding technology**
- **Full internal shift cable routing with easy access for installation and service**
- **27.5" wheels with ultra-short 16.77"(42.6mm)" chainstays with fantastic tire clearance**
- **Full molded hi-mod carbon dropouts with replaceable derailleur hanger**
- **142x12mm rear thru axle**
- **Post style disk brake mounts**

Photo: Scott McLain





LES 27.5



X-Small size shown with XTR 1x build

DH
Enduro
Trail
XC

Shown with XT Pro 2x build

COLOR OPTIONS



LES FAT

Ear-to-ear grins come standard with the new Pivot LES Fat - the world's most versatile big-tire machine. The full carbon frame of the Pivot LES Fat features leading-edge materials and our proprietary hollow-core, internal-molding process. This coveted technology enables us to create an ultra-lightweight frame featuring the largest downtube in the category and a 132mm Press Fit BB for best-in-class power transfer.

Our patented Swinger II dropout system works with all plus / fat bike wheelsizes. Choose the shortest possible chainstay length for a flickable, playful ride or choose a longer wheelbase and more tire clearance for stability with heavy loads and in messy conditions. The LES Fat maintains ideal geometry via the indexed adjustment arc of the dropouts - the bigger the wheel and the more clearance, the lower the bottom bracket. Included are two headset cup options (Zero Stack and 18mm), for perfect front end geometry at any wheelsize.

The LES Fat is RockShox Bluto compatible and includes a Pivot designed carbon fork with 150mm dropout spacing – one wheelset will work with both options. 2x and 1x gearing compatibility makes the LES Fat an ideal choice in any terrain, and the LES Fat rear spacing is 197mm with an ergo-friendly low Q-factor design when built with the Pivot/E-Thirteen co-designed fat bike crankset. The Pivot Cable Port System makes internal routing simple to install and maintain via large, easy to access ports and interchangeable covers. Easily switch between a variety of cable routing options for the cleanest installation. Additional details include integrated rear rack mounts, internal dropper post routing and 3 water bottle mounts – making the LES Fat the perfect choice for any big tire adventure.

- **Clears 5" tires for unpacked snow, mud and sand**
- **Fits all fat and plus wheelsizes (26 X 3.8, 26 X 4.8, 27.5+ and 29+) via the patented Swinger II dropout system**
- **Full carbon frame featuring proprietary hollow core internal molding technology and largest downtube in the category**
- **Pivot carbon fork with 150mm spacing**
- **Full length internal cable routing via Pivot's exclusive Cable Port System including internal dropper compatibility**
- **Optimized low Q-Factor design with 197mm rear spacing – complete bikes include co-designed E-Thirteen fatbike specific crankset**
- **2x, 1x and singlespeed compatible**
- **Shimano side-swing front derailleur compatible via a low profile e-type mount**
- **Rear rack mounts**
- **3 bottle cage mounts**







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LES FAT

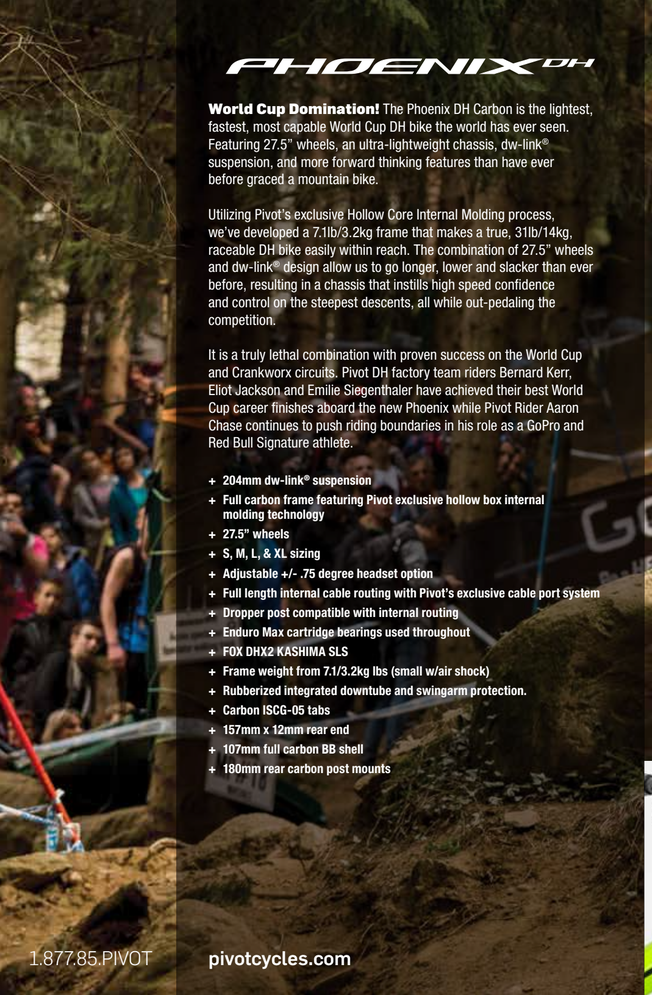


Shown with XX1 1x build with Bluto fork

DH
Enduro
Trail
XC
Fat Bike

Shown with X01 1x build

COLOR OPTION



PHOENIX DH

World Cup Domination! The Phoenix DH Carbon is the lightest, fastest, most capable World Cup DH bike the world has ever seen. Featuring 27.5" wheels, an ultra-lightweight chassis, dw-link® suspension, and more forward thinking features than have ever before graced a mountain bike.

Utilizing Pivot's exclusive Hollow Core Internal Molding process, we've developed a 7.1lb/3.2kg frame that makes a true, 31lb/14kg, raceable DH bike easily within reach. The combination of 27.5" wheels and dw-link® design allow us to go longer, lower and slacker than ever before, resulting in a chassis that instills high speed confidence and control on the steepest descents, all while out-pedaling the competition.

It is a truly lethal combination with proven success on the World Cup and Crankworx circuits. Pivot DH factory team riders Bernard Kerr, Eliot Jackson and Emilie Siegenthaler have achieved their best World Cup career finishes aboard the new Phoenix while Pivot Rider Aaron Chase continues to push riding boundaries in his role as a GoPro and Red Bull Signature athlete.

- **204mm dw-link® suspension**
- **Full carbon frame featuring Pivot exclusive hollow box internal molding technology**
- **27.5" wheels**
- **S, M, L, & XL sizing**
- **Adjustable +/- .75 degree headset option**
- **Full length internal cable routing with Pivot's exclusive cable port system**
- **Dropper post compatible with internal routing**
- **Enduro Max cartridge bearings used throughout**
- **FOX DHX2 KASHIMA SLS**
- **Frame weight from 7.1/3.2kg lbs (small w/air shock)**
- **Rubberized integrated downtube and swingarm protection.**
- **Carbon ISCG-05 tabs**
- **157mm x 12mm rear end**
- **107mm full carbon BB shell**
- **180mm rear carbon post mounts**



Photo: Dave Trumpore





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Shown with Saint build

DH
Enduro
Trail
XC

Shown with Saint build

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Photo: Jens Staudt



Photo: Jens Staudt

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POINT

Dirt Jump



Introducing Pivot's Frequent Flyer Plan. From the jump line to the pump track or to the local skate park, it's great to have a bike like the Point in your quiver. The Point was developed with input of the best riders in the world and like all Pivot bikes, brings the highest level of performance to the party - the best dirt jump/park bike ever made. That's a strong statement, we know, but for a bike developed with Kyle Strait, that has won events from from the Pro FMB Tour to the the Santa Cruz Mountain bike festival (under Jeff Herbertson) it's not saying too much.

The Point is built from the highest grade DMR chromoly steel with perfectly tuned geometry and ride feel. Its roomy cockpit, combined with super short chainstays, ISCG 05 mounts, interchangeable dropout and a 1.5" tapered head tube make for a bike that provides go-big confidence in every situation. The Point feels amazingly solid with a snappy liveliness and an incredibly high fun factor. Whether you're hitting the local pump track or going for the best trick at Crankworx, the Pivot Point is the bike you need to own.

M4X

Slalom & Park

Ready to shred. The M4X is designed to be the ultimate slalom-4X-short travel dirt jump bike and offers so much more. Sure, it rails berms like nothing else on the planet, and the characteristics that make it flow through corners, remain composed in the air and take massive landings also make it an incredibly fun trail bike.

Shredding a technical trail on an M4X is exhilarating, with its razor sharp, accurate handling and heroic "flickability" that just can't be matched. Pro rider Jeff Herbertson states it perfectly when he says, "You can see a corner approaching, then suddenly you've exited the corner and your speed has somehow doubled." The 4 inches of dw-link® tuned suspension, Pivot's renowned frame stiffness, and ideal slalom geometry culminate in a bike that flows through corners and takes any thing you throw at it.



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VAULT

Dominate on any surface - paved or otherwise - with the versatile Pivot Vault. When your ride includes every possibility, the Vault's thru-axle disc brake design combines with next generation cross/gravel geometry for an unmatched multi-surface riding experience.

The Vault is the perfect marriage of Tour de France-caliber carbon frame technology, new school gravel/cyclocross racing geometry and design features that bring out the best in your handling skills. We began by developing the ultimate next-generation cyclocross machine, with a lower bottom bracket height, shorter chainstays and increased tire clearance. The finished result is a bike that rivals the best of the best on pavement but with unmatched versatility and a high-performance fun factor that puts other bikes to shame when conditions get rough.

The Vault frameset utilizes a Pivot designed, full carbon, taper-steerer fork with an oversized crown for the best in steering precision, tire clearance and braking power. Fork dropouts have been upgraded to 15mm thru axle compatible (with the lever on the non-brake side) for even more strength and handling accuracy.

The Vault features beautifully integrated internal shifter routing that easily adapts to both new electronic and traditional mechanical shifting systems. Large, easy to access ports are mechanic friendly.

- **Thru-axle, disc brake design**
- **Next-generation cross/gravel/road geometry – works for any road surface.**
- **Full carbon frame featuring proprietary hollow core internal molding technology for ideal weight, strength and stiffness**
- **Optimized layup structure with ideal top tube and stay shaping for comfort and power output.**
- **Internal cable routing compatible with both Di2 and traditional systems**
- **1.5" tapered steerer carbon fork with oversized crown optimizes stiffness, increases steering precision and eliminates brake chatter on rough surfaces**
- **BB386EVO bottom bracket for torsional rigidity, strength and power transfer, and increased rear tire clearance**
- **Disc brake compatible with 140-160mm rotors**
- **Clearance for up to 38c tires**
- **2 bottle cage mounts**

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Photo: Steve Lloyd





VAULT

Cross Road & Gravel



Shown with Shimano Ultegra 11/TRP HYRD Hydraulic/Stan's build

COLOR OPTION

MACH 6 CARBON / MACH 6 ALUMINUM

	A STL C to T inches (cm)	B TTL inches (cm)	C HTL inches (cm)	D HTA	E STA effective	F CSL inches (cm)	G BBH inches (cm)	H STDOVER inches (cm)	I WB inches (cm)	STACK inches (cm)	REACH inches (cm)
XS	14.50 (36.83)	21.70 (55.12)	3.50 (8.89)	66.00	72.30	16.95 (43.05)	13.60 (34.54)	27.90 (70.87)	43.22 (109.78)	22.83 (57.99)	14.47 (36.75)
S	16.00 (40.64)	22.68 (57.60)	4.00 (10.16)	66.00	72.30	16.95 (43.05)	13.60 (34.54)	28.00 (71.12)	44.25 (112.40)	23.05 (58.55)	15.31 (38.89)
M	17.50 (44.45)	23.25 (59.03)	4.25 (10.80)	66.00	72.30	16.95 (43.05)	13.60 (34.54)	28.80 (73.15)	44.85 (113.92)	23.28 (59.13)	15.81 (40.16)
L	19.00 (48.26)	23.90 (60.68)	4.72 (11.99)	66.25	72.30	16.95 (43.05)	13.60 (34.54)	29.00 (73.66)	45.43 (115.39)	23.76 (60.35)	16.30 (41.40)
XL	20.50 (52.07)	24.70 (62.71)	5.90 (14.99)	66.50	72.30	16.95 (43.05)	13.60 (34.54)	29.00 (73.66)	46.24 (117.45)	24.90 (63.25)	16.74 (42.52)

MACH 429SL

	A STL C to T inches (cm)	B TTL inches (cm)	C HTL inches (cm)	D HTA	E STA	F CSL inches (cm)	G BBH inches (cm)	H STDOVER inches (cm)	I WB inches (cm)	STACK inches (cm)	REACH inches (cm)
Mach 429SL Carbon 100mm Travel Fork											
S	17.00 (43.18)	23.00 (58.42)	4.00 (10.16)	70.30	72.90	17.65 (44.83)	12.75 (32.38)	27.70 (70.36)	42.89 (108.94)	23.69 (60.17)	15.65 (39.75)
M	18.50 (46.99)	24.00 (60.96)	4.00 (10.16)	70.30	72.90	17.65 (44.83)	12.75 (32.38)	29.30 (74.42)	43.90 (111.51)	23.69 (60.17)	16.67 (42.34)
L	20.00 (50.80)	24.75 (62.87)	4.70 (11.94)	70.30	72.90	17.65 (44.83)	12.75 (32.38)	29.30 (74.42)	44.69 (113.51)	24.37 (61.90)	17.20 (43.69)
XL	22.00 (55.88)	25.60 (65.02)	5.90 (14.99)	70.30	72.90	17.65 (44.83)	12.75 (32.38)	30.50 (77.47)	45.58 (115.77)	25.49 (64.74)	17.70 (44.96)
Mach 429SL Carbon 120mm Travel Fork											
S	17.00 (43.18)	23.00 (58.42)	4.00 (10.16)	69.30	71.90	17.65 (44.83)	13.00 (33.02)	28.00 (71.12)	43.16 (109.63)	23.96 (60.86)	15.24 (38.71)
M	18.50 (46.99)	24.00 (60.96)	4.00 (10.16)	69.30	71.90	17.65 (44.83)	13.00 (33.02)	29.60 (75.18)	44.17 (112.19)	23.96 (60.86)	16.27 (41.33)
L	20.00 (50.80)	24.75 (62.87)	4.70 (11.94)	69.30	71.90	17.65 (44.83)	13.00 (33.02)	29.60 (75.18)	44.96 (114.20)	24.65 (62.61)	16.80 (42.67)
XL	22.00 (55.88)	25.60 (65.02)	5.90 (14.99)	69.30	71.90	17.65 (44.83)	13.00 (33.02)	30.80 (78.23)	45.85 (116.46)	25.77 (65.46)	17.29 (43.92)

MACH 429 TRAIL

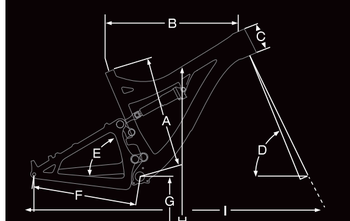
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S	16.00 (40.64)	22.85 (58.04)	4.00 (10.16)	67.50	72.80	17.45 (44.32)	13.19 (33.50)	28.54 (72.49)	43.70 (111.00)	23.91 (60.73)	15.10 (38.35)
M	17.50 (44.45)	23.90 (60.71)	4.00 (10.16)	67.50	72.80	17.45 (44.32)	13.19 (33.50)	28.98 (73.61)	44.69 (113.51)	23.93 (60.78)	16.11 (40.92)
L	19.00 (48.26)	24.75 (62.87)	4.70 (11.94)	67.50	72.80	17.45 (44.32)	13.19 (33.50)	29.29 (74.40)	45.47 (115.49)	24.59 (62.46)	16.66 (42.32)
XL	20.50 (52.07)	25.60 (65.02)	5.90 (14.99)	67.50	72.80	17.45 (44.32)	13.19 (33.50)	30.04 (76.30)	46.46 (118.01)	25.71 (65.30)	17.14 (43.54)

LES / LES 27.5

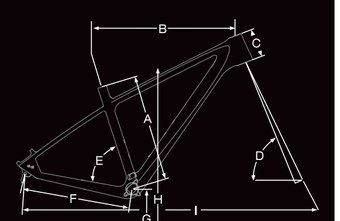
	A STL C to T inches (cm)	B TTL inches (cm)	C HTL inches (cm)	D HTA	E STA	F CSL inches (cm)	G BBH inches (cm)	H STDOVER inches (cm)	I WB inches (cm)	STACK inches (cm)	REACH inches (cm)
LES 29 100mm Travel Fork											
S	16.00 (40.64)	22.90 (58.17)	3.85 (9.78)	69.30	73.00	17.10 (43.43)	12.10 (30.73)	28.50 (72.39)	42.58 (108.15)	23.96 (60.86)	15.57 (39.55)
M	17.75 (45.09)	23.90 (60.71)	4.00 (10.16)	69.50	72.50	17.10 (43.43)	12.10 (30.73)	29.20 (74.17)	43.27 (109.91)	24.13 (61.29)	16.29 (41.38)
L	19.00 (48.26)	24.50 (62.23)	4.45 (11.30)	69.50	72.50	17.10 (43.43)	12.10 (30.73)	29.60 (75.18)	43.90 (111.51)	24.83 (63.07)	16.66 (42.32)
XL	21.00 (53.34)	25.50 (64.77)	5.50 (13.97)	70.00	72.50	17 .10 (43.43)	12.10 (30.73)	29.70 (75.44)	44.74 (113.64)	25.64 (65.13)	17.43 (44.27)
LES 27.5 100mm Travel Fork											
XS	14.50 (36.83)	21.70 (55.12)	3.50 (8.89)	68.75	73.80	16.77 (42.60)	11.88 (30.18)	25.50 (64.77)	41.72 (105.97)	22.57 (57.33)	15.13 (38.43)
S	16.00 (40.64)	22.80 (57.91)	4.00 (10.16)	69.25	73.00	16.77 (42.60)	11.88 (30.18)	27.00 (68.58)	42.30 (107.44)	23.09 (58.65)	15.74 (39.98)
M	17.50 (44.45)	23.60 (59.94)	4.25 (10.80)	69.25	72.50	16.77 (42.60)	11.88 (30.18)	28.50 (72.39)	42.89 (108.94)	23.32 (59.23)	16.25 (41.28)
L	19.00 (48.26)	24.36 (61.87)	4.72 (11.99)	69.50	72.50	16.77 (42.60)	11.88 (30.18)	28.75 (73.03)	43.56 (110.64)	23.81 (60.48)	16.84 (42.77)

MACH 4 CARBON

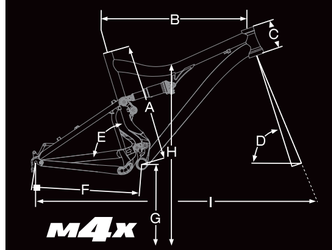
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100mm Travel Fork											
XS	14.50 (36.8)	21.85 (55.5)	3.35 (8.5)	68.50	73.80	16.85 (42.8)	12.80 (32.5)	26.06 (66.2)	42.20 (107.2)	21.65 (55.0)	15.43 (39.2)
S	16.00 (40.6)	22.95 (58.3)	4.00 (10.2)	69.20	73.00	16.85 (42.8)	12.80 (32.5)	26.26 (66.7)	42.72 (108.5)	22.40 (56.9)	15.98 (40.6)
M	17.50 (44.5)	23.75 (60.3)	4.25 (10.8)	69.20	73.00	16.85 (42.8)	12.80 (32.5)	26.34 (67.4)	43.50 (110.5)	22.64 (57.5)	16.69 (42.4)
L	19.00 (48.3)	24.50 (62.2)	4.72 (12.0)	69.20	73.00	16.85 (42.8)	12.80 (32.5)	27.01 (69.1)	44.17 (112.2)	23.11 (58.7)	17.28 (43.9)
XL	20.00 (50.80)	25.28 (64.2)	5.12 (13.0)	69.50	73.50	16.85 (42.8)	12.80 (32.5)	27.30 (69.3)	45.28 (115.0)	23.50 (59.7)	18.27 (46.4)
120mm Travel Fork											
XS	14.50 (36.8)	21.85 (55.5)	3.35 (8.5)	67.50	72.80	16.85 (42.8)	13.00 (33.2)	26.61 (67.6)	42.50 (108.0)	21.93 (55.7)	15.08 (38.3)
S	16.00 (40.6)	22.95 (58.3)	4.00 (10.2)	68.20	72.00	16.85 (42.8)	13.00 (33.2)	26.77 (68.0)	43.03 (109.3)	22.68 (57.6)	15.59 (39.6)
M	17.50 (44.5)	23.75 (60.3)	4.25 (10.8)	68.20	72.00	16.85 (42.8)	13.00 (33.2)	26.85 (68.2)	43.80 (111.2)	22.91 (58.2)	16.30 (41.4)
L	19.00 (48.3)	24.50 (62.2)	4.72 (12.0)	68.20	72.00	16.85 (42.8)	13.00 (33.2)	27.48 (69.8)	44.45 (112.9)	23.39 (59.4)	16.54 (42.0)
XL	20.00 (50.8)	25.28 (64.2)	5.12 (13.0)	68.57	72.50	16.85 (42.8)	13.00 (33.2)	27.56 (70.0)	45.55 (115.7)	23.78 (60.4)	17.87 (45.4)



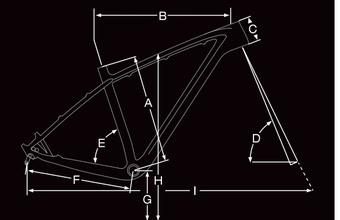
MACH 6 ALUMINUM
MACH 6 CARBON
MACH 429 SL
MACH 429 TRAIL



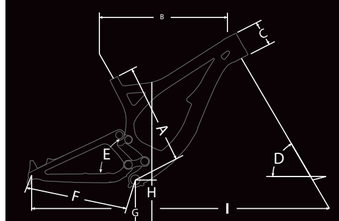
LES FAT



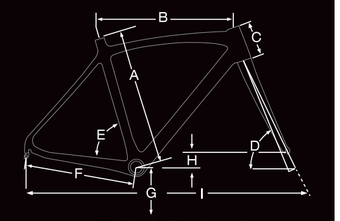
M4x



LES LES POINT 27.5



PHOENIX DH



VAULT

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PIVOT CYCLES

LES FAT

	A STL C to T inches (cm)	B TTL inches (cm)	C HTL inches (cm)	D HTA	E STA	F CSL inches (cm)	G BBH inches (cm)	H STDOVER inches (cm)	I WB inches (cm)	STACK inches (cm)	REACH inches (cm)
LES FAT 26x3.8 with 18mm Cup (Pivot Complete Build)											
S	15.00 (38.10)	22.90 (58.16)	4.00 (10.16)	69.00	72.00	17.20 (43.70)	12.26 (31.15)	29.72 (75.50)	42.99 (109.19)	23.91 (60.73)	15.59 (39.59)
M	17.00 (43.18)	23.90 (60.70)	4.60 (11.68)	69.00	72.00	17.20 (43.70)	12.26 (31.15)	31.34 (79.61)	44.04 (111.85)	24.47 (62.14)	16.42 (41.70)
L	19.00 (48.26)	24.75 (62.86)	5.25 (13.33)	69.00	72.00	17.20 (43.70)	12.26 (31.15)	32.95 (83.69)	44.93 (114.12)	25.07 (63.68)	17.08 (43.39)

	A STL C to T inches (cm)	B TTL inches (cm)	C HTL inches (cm)	D HTA	E STA	F CSL inches (cm)	G BBH inches (cm)	H STDOVER inches (cm)	I WB inches (cm)	STACK inches (cm)	REACH inches (cm)
LES FAT 26x4.8 zero stack											
S	15.00 (38.10)	22.83 (57.99)	4.00 (10.16)	69.49	72.49	17.60 (44.70)	12.18 (30.94)	29.64 (75.29)	43.15 (109.60)	23.78 (60.39)	15.79 (40.11)
M	17.00 (43.18)	23.80 (60.45)	4.60 (11.68)	69.48	72.48	17.60 (44.70)	12.19 (30.95)	31.27 (79.41)	44.19 (112.25)	24.33 (61.80)	16.62 (42.22)
L	19.00 (48.26)	24.63 (62.55)	5.25 (13.33)	69.47	72.47	17.60 (44.70)	12.19 (30.96)	32.88 (83.50)	45.09 (114.53)	24.93 (63.33)	17.29 (43.91)

	A STL C to T inches (cm)	B TTL inches (cm)	C HTL inches (cm)	D HTA	E STA	F CSL inches (cm)	G BBH inches (cm)	H STDOVER inches (cm)	I WB inches (cm)	STACK inches (cm)	REACH inches (cm)
LES FAT 29.0+ zero stack											
S	15.00 (38.10)	22.85 (58.03)	4.00 (10.16)	69.35	72.35	17.76 (45.10)	12.35 (31.35)	29.81 (75.70)	43.29 (109.96)	23.81 (60.47)	15.74 (39.98)
M	17.00 (43.18)	23.81 (60.49)	4.60 (11.68)	69.35	72.35	17.76 (45.10)	12.35 (31.36)	31.43 (79.82)	44.34 (112.62)	24.37 (61.88)	16.57 (42.09)
L	19.00 (48.26)	24.64 (62.59)	5.25 (13.33)	69.35	72.35	17.76 (45.10)	12.35 (31.37)	33.04 (83.91)	45.24 (114.89)	24.97 (63.42)	17.24 (43.78)

	A STL C to T inches (cm)	B TTL inches (cm)	C HTL inches (cm)	D HTA	E STA	F CSL inches (cm)	G BBH inches (cm)	H STDOVER inches (cm)	I WB inches (cm)	STACK inches (cm)	REACH inches (cm)
LES FAT 27.5+ zero stack											
S	15.00 (38.10)	22.80 (57.91)	4.00 (10.16)	69.75	72.75	17.20 (43.70)	11.61 (29.49)	29.07 (73.84)	42.78 (108.66)	23.71 (60.21)	15.90 (40.38)
M	17.00 (43.18)	23.77 (60.36)	4.60 (11.68)	69.75	72.75	17.20 (43.70)	11.62 (29.50)	30.69 (77.96)	43.83 (111.31)	24.26 (61.61)	16.73 (42.48)
L	19.00 (48.26)	24.59 (62.47)	5.25 (13.33)	69.75	72.75	17.20 (43.70)	11.62 (29.51)	32.30 (82.05)	44.72 (113.59)	24.86 (63.14)	17.39 (44.18)

PHOENIX

	A STL C to T inches (cm)	B TTL inches (cm)	C HTL inches (cm)	D HTA	E STA effective	F CSL inches (cm)	G BBH inches (cm)	H STDOVER inches (cm)	I WB inches (cm)	STACK inches (cm)	REACH inches (cm)
S	16.95 (43.1)	23.75 (60.2)	4.17 (10.6)	62.50	71.85	17.40 (44.2)	13.37 (33.95)	29.00 (73.6)	47.68 (121.1)	24.06 (61.1)	15.83 (40.2)
M	16.95 (43.1)	24.75 (62.9)	4.17 (10.6)	62.50	71.85	17.40 (44.2)	13.37 (33.95)	29.00 (73.6)	48.74 (123.8)	24.06 (61.1)	16.85 (42.8)
L	16.95 (43.1)	25.75 (65.4)	4.17 (10.6)	62.50	71.85	17.40 (44.2)	13.37 (33.95)	29.00 (73.6)	49.76 (126.4)	24.06 (61.1)	17.91 (45.5)
XL	16.95 (43.1)	26.75 (68.0)	4.17 (10.6)	62.50	71.85	17.40 (44.2)	13.37 (33.95)	29.00 (73.6)	50.83 (129.1)	24.06 (61.1)	18.98 (48.2)

M4X

	A STL C to T inches (cm)	B TTL inches (cm)	C HTL inches (cm)	D HTA	E STA	F CSL inches (cm)	G BBH inches (cm)	H STDOVER inches (cm)	I WB inches (cm)	STACK inches (cm)	REACH inches (cm)
S	15.00 (38.10)	22.30 (56.64)	4.50 (11.43)	67.50	72.00	16.50 (41.91)	12.50 (31.75)	25.50 (64.77)	42.10 (106.93)	21.46 (54.51)	15.33 (38.94)
L	15.00 (38.10)	23.50 (59.69)	4.50 (11.43)	67.50	72.00	16.50 (41.91)	12.50 (31.75)	25.50 (64.77)	43.30 (109.98)	21.46 (54.51)	16.53 (41.99)

POINT

	A STL C to T inches (cm)	B TTL inches (cm)	C HTL inches (cm)	D HTA	E STA	F CSL inches (cm)	G BBH inches (cm)	H STDOVER inches (cm)	I WB inches (cm)	STACK inches (cm)	REACH inches (cm)
M/L	11.25 (28.58)	23.39 (59.41)	4.50 (11.43)	68.00	70.20	15.75 (40.01)	12.20 (30.99)	24.00 (60.96)	41.46 (105.31)	21.94 (55.73)	15.70 (39.88)

VAULT

	A STL C to T (cm)	B TTL (cm)	C HTL (cm)	D HTA	E STA	F CSL (cm)	G BBH (cm)	H BBD (cm)	I WB (cm)	STACK (cm)	REACH (cm)
XS	50.00	52.00	12.00	71.00	74.50	42.50	28.50	65.00	10.01	53.27	37.25
S	53.50	53.80	13.50	71.50	74.00	42.50	28.50	65.00	10.10	54.86	38.07
M	56.00	55.70	15.50	72.00	73.50	42.50	28.50	65.00	10.19	56.96	38.82
L	58.00	57.50	17.00	72.00	73.00	42.50	28.50	65.00	10.33	58.36	39.68

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