

WHYTE

Ten years of insistent innovation. A decade of cutting edge development. Bike test awards and rave reviews on an annual basis. Something we're very proud of here at Whyte and the reason we're not resting on our laurels for 2010.

Pushing the accepted performance limits with only a small team of designers and development riders isn't the easy option. We wouldn't have it any other way though. Streamlined makes us fast on our feet and uniquely responsive to rider demands and new technological opportunities. It means we build the bikes we all want to ride, not the ones accountants and marketing departments would tell us to.

So while our 2010 line is the biggest and most responsive Whyte family ever we've lost none of that crucial focus. Our bikes still handle better, last longer and cope with the UK's uniquely challenging riding demands more easily than any others. It's just that now, even more riders like you – and like us – can find their perfect bike in our range.

Whyte 2010: Welcome to our best year ever.

Designed and developed in the UK, test ridden on the UK's toughest trails to ensure the perfect ride.



WHYTE 2010

XC FRS TYPICAL USAGE: CROSS COUNTRY, RACE, TRAIL, ENDURO

PAGES 15-16 **E-120 WORKS XX**

PAGES 19-20 **E-120 XT**

PAGES 21-22 **E-120 S**

CARBON HT TYPICAL USAGE: CROSS COUNTRY, RACE

PAGES 25-26 **19 WORKS XX**

PAGES 27-28 **19 RACE**

PAGES 31-32 **19 C**

TRAIL HT TYPICAL USAGE: CROSS COUNTRY, TRAIL

PAGES 35-36 **19 TRAIL TITANIUM**

PAGES 37-38 **19 TRAIL**

PAGES 41-42 **19 TRAIL 631 STEEL**

PAGES 43-44 **905**

PAGES 45-46 **901**

At Whyte we have always believed that truly top end performance only comes from giving you a bike you'll love, not just an effective but emotion free ride. For 2010 we've unleashed our lightest and fastest carbon fibre full suspension and hardtail bikes ever in the E-120 and 19C Works XX. We've also introduced an ultra contemporary take on classic steel character with the Reynolds 631 tubed, BB30 and adjustable dropout 19 Trail Steel. The award winning, addictively agile geometry of the 19 range also features on the new 901 Trail. The new E-120 'S' model opens up the outstanding, high modulus carbon fibre musculature of our benchmark horizon hunter to more riders than ever too.



WHYTE DESIGN TEAM

PERFORMANCE BY DESIGN

Our R&D address might be in the Cotswolds, but our real design offices are trails all over the world. We work out multi piece carbon lay ups through riding countless laps of Welsh trail centres but have them verified by our race team as far away as Africa. Our geometry is fractionally exact because we know it makes us faster, not because we've taken an average of what others have done. We confidently put a lifetime warranty on our suspension bearings, because we grind them through the same grit and grime you have to for thousands of hours a year. A CAD machine might make the final rendering, but that big lever on our unique seat clamp is there because we got sick of trying to shut a normal one with frozen fingers. We know the addition of Crud Catcher mounts to the 19 frame is a significant one for all of you, because it means our eyes sting less after our lunchtime ride and our tea isn't washing grit off our teeth. We could go on, but you get the idea. The idea that Whyte are genuinely a small group of dedicated UK riders. Determined to produce the best bikes we can and not afraid to break some rules and set some benchmarks along the way.





MATERIALS

We make frames from Aluminium, Titanium, Steel and Carbon fibre as each of these materials have their own specific properties and their own particular ride characteristics.

Whether we are looking to create the super-stiff structure required for a full suspension bike or the lively and compliant ride that characterises a top quality steel frame, all the materials we use must have one thing in common - they have to be the best. Only then can we be sure we are achieving the best possible combination of strength and light weight and that the resulting frame will achieve the benchmark performance required by us and our customers.





TITANIUM

Titanium has what many believe to be the most sublime ride characteristics of any frame material so when we set out design a Ti Hardtail, we knew it had to be special.

As with our eponymous aluminium Whyte 19, the UK designed titanium Whyte 19 Ti features new and exciting technology from the outset, and some elegant tube shapes too. We chose to couple a classic looking tubeset in cold worked 3AL-2.5V titanium with a simple and elegant seat stay design that does away with unnecessary welding and enhances the ride comfort and feel inherent in titanium, still further. Using longer, uninterrupted and curving tubes for the seat stays allows more trail feedback to disperse through the chassis and adds comfort compared with shorter tubes joined with unnecessary welds that are more commonly used in monostay designs. We also include the latest BB30 bottom bracket technology for lightweight, additional stiffness with long bearing life and finally our celebrated 19 dropout, allowing geometry adjustment and even hassle-free conversion to singlespeed transmission. Combining this technology with our very latest 19 Trail bike geometry and designed from the start for a 120mm travel fork, we have a lightweight, responsive ride with that legendary ride "feel" that only titanium can offer.



STEEL

For the ultimate steel frame we went straight to the masters of steel tubing technology – Reynolds. Manufacturing butted tubing for bicycle frames in the UK since 1898, and still producing the high end tubesets like 631 in Birmingham, as they have for 110 years, Reynolds still push the boundaries of what is possible with steel like no other manufacturer.

Why 631? As we designed the frame for the steel Whyte, we were clear on a few essentials: the frame must be strong, light and stiff but still have that essential compliant and lively ride we expect from steel. It must also exceed CEN test standards (as all frames in the Whyte range do). 631 met all these criteria perfectly, and actually even exceeded 853 in back to back ride testing when we were testing various prototypes to find the optimum ride feel – especially when combined with the classic and elegant compound bend rear stays we first used on the 19 Titanium



ALUMINIUM

For our Aluminium trail frames, we use perhaps the ultimate refinement of aluminium alloy frame materials - specifically developed for use in hydro-forming and welded frame construction. Our selection of the premium 6061 grades of Aluminium material, allows Whyte to use tubes of thinner wall section. This translates into thinner tube butting profiles over the entire length of tubes and means that for the same strength, stiffness and fatigue characteristics we can engineer a lighter chassis.

Whyte Hydro-formed aluminium frame designs concentrate on designing the best most efficient shapes for the chassis. Our Seat Stays and Chainstays have extensive shaping and tapering to increase strength and stiffness generating volume where it's needed, provide maximum mud clearance at key areas of the frame as well as producing a frame that has a clean and elegant overall design profile. The hydro-forming design and production process give us the best results in achieving the tough design criteria set out by the Whyte design team.

WHYTE CARBON TECHNOLOGY

AS FEATURED ON THE WHYTE 19 C AND E-120

The performance of any carbon fibre component relies on three things - the quality of the raw material, the accuracy of the design and the precision of the assembly. That's why at Whyte, we take complete control of the design process and then work closely with the world's best carbon manufacturers to bring our designs to life.

This close working relationship also means we can develop special combinations of filament grades and resin types to give our carbon frames a genuine performance advantage that others can't match, combined with performance you can trust.







WHYTE RACING PERFORMANCE BY DESIGN

Anyone can throw their shirt on the latest shaven legged wonder and win some races. We prefer our athletic ambassadors to be a little more real though.

OK, so the speed under 23 whippet Billy Wenham and global racer Luke Smith will come past you is scarcely believable. The relentless hour after hour of velocity of multiple Enduro, Polaris and Trans Wales winner Steve Heading isn't good for others egos either. Their performance and passion is both an inspiration and an ideal development tool for us though.

These lads and Masters World Championship Silver medalist Belinda Tarling all clock up their victories and rack up training miles on proper tough technical trails and courses. They live and thrive in conditions and riders where there is no place for compromise, second best or even a day off. An environment where several seconds gained on a descent repeated thirty times in 24 hrs are worth far, far more than a few shaved grams. Where consistently surefooted traction and rock solid power transfer enable you to clean climbs all the way to the top of a podium as effectively as they do in the Peak District. It's the reason our geometry is radically different from others Default XC template that hasn't changed since Flex Stems and fat tyres were the only suspension. Why we know an extra 20mm of travel can mean an extra 200m gained through every technical singletrack.

In other words we support racing that is relevant and gritty not just because we respect it more. We also do it because the trophies we win translate directly to you going further, faster and having more fun every time you ride.



WHYTE E-120

E-120 WORKSXX, E-120 XT, E-120 S

Every year competitors scramble to grab fleetingly the limelight by edging ever closer to the limits of usability and reliability. We don't want to play that game though.

We design our bikes to be ridden relentlessly hard and build an appreciation that borders on addiction. To repay your enthusiasm and effort with the tightest, most responsive and toughest trail bikes available - despite it being one of the lightest bikes in its class. The Quad Link suspension also creates a uniquely responsive drive and shock absorbing architecture while shielding the shock from mud and debris. The bearings have a lifetime warranty too and there's enough tyre room to cope with the worst claggy in winter or at a wet 24hr race conditions.

That means the shocking acceleration, glued traction and exceptional chaos proof control you'll experience on your first ride is guaranteed on every following ride however foul the conditions are.

Trail tough, technically tenacious, blisteringly fast – pick three.



WHYTE E-120 WORKS XX

TYPICAL USAGE: CROSS COUNTRY, RACE, TRAIL, ENDURO

- A no compromise "wish list" component package, for the ultimate UK trail bike
- The most exclusive bike in the range – only 25 are planned for 2010
- Using the lightest components while retaining trail bike usability and toughness – weight is a stunning 23.5 lbs
- Complete 2x10 speed SRAM XX Transmission
- RockShox Reba XX fork with 120mm travel, Maxle light and Fox's fully adjustable RP23 rear shock
- Hope Pro II wheels featuring Stans "NoTubes" rims, (tubeless upgradable) and Avid XX brakes







CARBON FRAME TUBE
CF
RESPOKE TUBING

FOX RACING SHOX
FOX
FOX VALVE

E-12
QUAD-LINK II



QUAD-LINK II SUSPENSION SYSTEM

QUAD-LINK II takes all the simplicity and low weight benefits of a single pivot design to keep the bike totally rideable and reliable in the worst conditions you can throw at it. At the same time it removes all the inevitable compromises with carefully created controllable wheel paths and variable shock leverage ratios to maximise your control and enjoyment.

It drives, grips, sucks up small bumps, handles hits and keeps control better than any single pivot system, yet it copes with mud, lack of maintenance, gruelling grinding paste trails and future shock changes better than any other linkage design.

Simplest 4 Bar Linkage System; Unique & Patented

Quad-Link is the simplest 4-Bar Link system... In fact, there is less to it than most linkage assisted single pivot systems. Quad Link bikes are unique and patent protected.

Intelligent Wheel Path Design

The intelligent wheel path from our unique 4-Bar linkage architecture is key to the performance of our bikes. Initial rearward movement trajectory lets the wheel absorb the slap of square edged hits, maintaining momentum even at slow climbing speeds. It also keeps the bikes feeling sharp and connected under power. Reduced chain-growth deeper into the wheel path prevents pedalling interruption and control compromising kickback from bigger hits throughout the stroke.

Genuinely Variable Leverage Ratio: Tuned For The Trail Ahead.

Because of a carefully engineered relationship between leverage ratio, wheel path and chain-growth, QUAD-Link suspension can use a minimally damped shock to give the plushiest, smoothest small bump response. The QUAD-Link system then transitions smoothly through the mid-stroke of the shock to catch and control the biggest hits without ramping up or bottoming out harshly.

Efficient Pedalling Without Stifling Levels of Over Damping

At Whyte we've always believed in letting the shock do the best job of absorbing impacts that it can. Not choking small bump performance with excessive low speed compression damping or control compromising 'platforms'.

Because we can tune each aspect of the suspension performance independently our bikes achieve great pedalling performance as well as excellent small bump absorption. Our intelligent wheel path pulls peak power into the ground exactly when and where you need it to give exceptional traction.

Lifetime Warranty On Pivot Bearings

The suspension system, the pivot bearings themselves and the way they install into the chassis are all specifically designed for maximum lifespan. That's why we can offer an unbeatable lifetime warranty on the pivot bearings of our bikes.

WHYTE E-120 XT

TYPICAL USAGE: CROSS COUNTRY, RACE, TRAIL, ENDURO

- Full Shimano XT transmission, including tubeless compatible XT wheels – offering unsurpassed performance and reliability
- Whyte Unidirectional Carbon Fibre frame, including a full carbon swingarm and carbon suspension links and sealed pivot bearings with lifetime warranty
- Fox RP2 rearshock, adjustable and featuring Whyte designs unique cartridge bearing lower shock mount
- Superb finishing components including an Easton stem Easton Monkeylife handlebar and a Thomson seatpost
- Setting the standard and defining the benchmark yet again for XC suspension trail bikes in 2010



Also available as a frameset Visit: whytebikes.co.uk





WHYTE E-120 S

TYPICAL USAGE: CROSS COUNTRY, RACE, TRAIL, ENDURO

- Optimum UK spec using SRAM X9 shifting, and Avid Elixir brakes, dependable components for all weathers
- Fox's adjustable RP2 rearshock, featuring Whyte Designs' unique cartridge bearing lower shock mount
- Rockshox Reba SL fork, with Maxle Light, adjustable rebound, Motion Control Damping and lockout
- Optimum components package, including Truvativ stem and handlebar with SDG I beam seatpost and saddle
- Using the same high performance composite frame, bearings and carbon suspension links as the top XX Works bike
- As with all the Whyte Bikes, designed and developed in the UK, for UK conditions - the first choice for marathon and endurance racers









WHYTE 19 CARBON

19 WORKS XX, 19 RACE, 19C

Speed doesn't come any more savage or seductive than this. While other companies offer off the peg frames, we provide off the chart performance. We've worked hand in hand with the finest fibre suppliers and hand laid frame manufacturer to build a blisteringly fast chassis that's blown every tester and rider away. BB30 standard cranks harness every strand of lactic acid etched muscle into forward motion. Curved lines leap from start lines and flow through singletrack with jaw and adversary dropping ease. Whyte's unique trail honed geometry lets you push the pace just as hard on the descents as the climbs too, making this the ultimate high velocity hardtail for raceheads or map shrinking maniacs. With 3 complete bikes plus a frame kit in the range for 2010 it's insistently predatory performance is more inclusive than ever.

The ultimate high velocity ride for real mountain bikers.

WHYTE 19 WORKS XX

TYPICAL USAGE: CROSS COUNTRY, RACE

- The ultimate race bike, using the latest version of our multiple test winning frame in combination with the new XX groupset from SRAM
- Full XX Group including 2 x 10 speed transmission, XX BB-30 cranks, SRAM XX shifting and Avid XX brakes
- Rockshox Sid XX Suspension fork with 100mm travel and handlebar mounted X-loc motion control
- The ultimate light weight finishing components using Easton EA90 composite seatpost, EC70 composite stem and Easton Monkeylite SL composite handlebar
- Fulcrum Red Metal 1 Wheels – the ultimate race wheelset
- Designed to win as the ultimate XC race bike, and will be used extensively by Whyte racing UK in 2010. Complete bike weight only 19 lbs (medium size)





WHYTE 19 RACE

TYPICAL USAGE: CROSS COUNTRY, RACE

- Another multiple test winner throughout the year and improved and up-spec'd for 2010 with a full XT groupset including brakes and transmission
- Rockshox Sid Race suspension fork with 100mm of travel and handlebar mounted Push-Loc motion control
- Fulcrum Red Metal 3 Wheels – Tubelss compatible, high quality wheel set
- Shimano XT shifting, for unsurpassed performance and reliability
- Premium component package including FSA bar, stem and seatpost with FSA's light and stiff Afterburner BB30 crankset
- Defining in equal measure the super light trail bike or XC race bike, complete bike weight 20 lbs (medium size)



WHYTE 19 RACE

CARBON HT







WHYTE 19 C

TYPICAL USAGE: CROSS COUNTRY, RACE

- New model for 2010, and using the same ultra high performance composite frame as the top XX works model
- Rockshox Sid Race suspension fork with 100mm of travel and handlebar mounted Push-Loc motion control
- Shimano XT/SLX shifting, for unsurpassed performance at this price
- Fulcrum Red Metal 5 wheels - quality components where it really matters
- Premium component package including FSA bar, stem and seatpost with FSA's light and stiff Afterburner BB30 crankset
- Complete bike weight is a stunning 23 lbs (medium size)



Also available as a frameset Visit: whytebikes.co.uk







PERFORMANCE
BODBI TUBES
ALUMINUM T6 HEAT TREATED

ALUMINUM



WHYTE TRAIL HARDTAILS

19 TITANIUM, 19 TRAIL, 19 STEEL, 905, 901

We feel sorry for the many people who don't 'get it'. Sorry for those riders whose full suspension bikes can't keep our trail hardtails in sight on descents, let alone singletrack. Sorry for those on race hardtails who've swallowed their tongues keeping pace with it on the climbs but who are now picking themselves out of the bushes on the exit of the first corner.

We'll even extend apologies to the designers who've tried and failed to match our unique hardtail handling elixir. An elusive mix as pitch perfect for blitzing trail centres, ripping up your riding group or vanishing into the wilds for a weekend.

What we don't apologise for is launching our broadest Trail hardtail range ever for 2010. Award winning Ti 19, super versatile 19 Trail, multiple test winning and WMB magazine bike of the year recommended 905 and now the new 901 alloy bike and Reynolds 631 tubed 19 Steel.

Whyte Trail: Resetting the hardtail rules in more flavours than ever for 2010.

WHYTE 19 TRAIL TITANIUM

TYPICAL USAGE: CROSS COUNTRY, TRAIL

- The ultimate Ti hardtail features geometry acknowledged by our customers and independent reviewers as the best numbers in the business
- High performance trail bike components including X0/X9 shifting and FSA BB-30 Afterburner Crank, with Hope X2 brakes
- Ultimate trailbike finishing kit, including Thomson stem, Thomson seatpost, Easton Monkeylife SL handlebar and Fizik gobi saddle
- Fox F120 RL suspension fork – with 120mm of travel and 15mm QR through axle
- Unique contemporary frame, featuring BB30, superbly shaped rear stays and the Whyte adjustable dropouts
- Cold worked 3/2.5 for light weight, with the unique compliant, responsive ride that can only come from Titanium



Also available as a frameset Visit: whytebikes.co.uk





WHYTE 19 TRAIL

TYPICAL USAGE: CROSS COUNTRY, TRAIL

- The Whyte 19 is the UK's most versatile hardtail - light enough to race and tough enough for trails
- Our unique rear dropouts allow geometry adjustment and easy transformation to a single speed set-up
- Classic trail bike finishing kit includes Thomson stem, Thomson seatpost, Easton Monkeylite SL handlebar and Fizik gobi saddle
- Spec highlights include X0/X9 shifting and FSA BB-30 Afterburner Crank, with Hope X2 brakes
- Fox F120 RL suspension fork - with 120mm of travel and 15mm QR through axle



Also available as a frameset Visit: whytebikes.co.uk





WHYTE 19 DROPOUT

AS FEATURED ON THE WHYTE 19 TRAIL AND 19 TRAIL TITANIUM

As you might expect from Whyte not even something as simple as the rear dropout is left without a magic touch from our designers. Used on our Ti, Steel and Alloy " 19" Trail bikes, our unique dropout system provides geometry adjustment as well as easy conversion to a single speed setup.

The CNC machined rear dropouts allow adjustment of the chainstay length between 415 and 435mm. With the chainstay length increased the bike sits slightly lower giving a more relaxed feel to the ride and providing more stability on steep, technical descents. Shortening the chainstay length raises the bottom bracket height slightly for increased ground clearance, improved climbing and sharper handling in tight, twisty singletrack.

Both dropout plates are engraved with markings to make accurate wheel alignment quick and easy and the stepless adjustment is perfect to accurately tension the chain for a single speed or hub gear set up – with no need to adjust the brake calliper.





WHYTE 19 TRAIL 631 STEEL

TYPICAL USAGE: CROSS COUNTRY, TRAIL

- New for 2010, utilising all we have learnt with the award winning Titanium model – and applied to a Reynolds steel 631 frame with all the same great features
- Using the British made, Reynolds 631 steel, extremely tough and air hardening for extra strength in the joints but with the magic compliant ride that can only come from quality steel
- Optimum finishing kit, including Truvativ Stylo Race handlebar, stem and seatpost, and Fizik Gobi XM saddle
- Sram X9 rear derailleur and FSA BB30 Afterburner Crank, with Avid Elixir brakes
- Rockshox Reba SL suspension fork – with 120mm of travel and Maxle Light through axle, featuring Motion Control damping and Turnkey lockout
- Featuring our unique adjustable geometry rear dropouts



Also available as a frameset Visit: whytebikes.co.uk





631 STEEL REYNOLDS



WHYTE 905

TYPICAL USAGE: CROSS COUNTRY, TRAIL

- Multiple award and test winning bike for 2009 and 2010
- Shimano Deore / SLX transmission for great value but faultless shifting performance
- Rockshox Reba SL suspension fork – with 120mm of travel and Maxle Light through axle, featuring Motion Control damping and Turnkey lockout
- Superb top line finishing components, including Easton Handlebar, Easton stem, Easton seatpost and Fizik Gobi XM saddle
- Quality wheelset featuring Hope rear hub, Mavic XM317 rims and Maxxis Aspen DK60AR folding tyres
- Proven UK specific trail geometry and great value for money offering a very high quality frame and ride quality with no performance compromises





WHYTE 901

TYPICAL USAGE: CROSS COUNTRY, TRAIL

- New model for 2010 at new competitive price point with no performance compromises
- Sram transmission featuring X9 rear Derailleur and Truvativ Firex Crank
- Rockshox Recon Race suspension fork with 120mm of travel and Maxle light through axle. Solo Air spring and adjustable damping
- Optimum finishing kit, including Truvativ Stylo Race handlebar, stem and seatpost, and SDG Bel Air RL saddle
- Quality wheelset, using sealed bearing hubs, Mavic XM117 rims and Continental Mountain King 2.2 Kevlar beaded tyres
- Utilising the same proven and award winning UK specific trail geometry as the 905, and the top line 19 Titanium on a lightweight butted 6061 Hydroformed frame



WHYTE 901

TRAIL HT



GEOMETRY

Geometry – the angles that define the way a bike interacts with the rider and the trail - is the most important part of any bike's character and performance.

It affects every aspect from that welcoming initial confidence, comfort and control to how hard you push yourself hours into a race or what new technical sections you've mastered months after your first ride. Whether it's that crucial traction balance on the crux move of a killer climb or calmly making a turn mm from the edge of potential disaster on a flat out descent. We've designed our bikes to handle superbly in every situation.

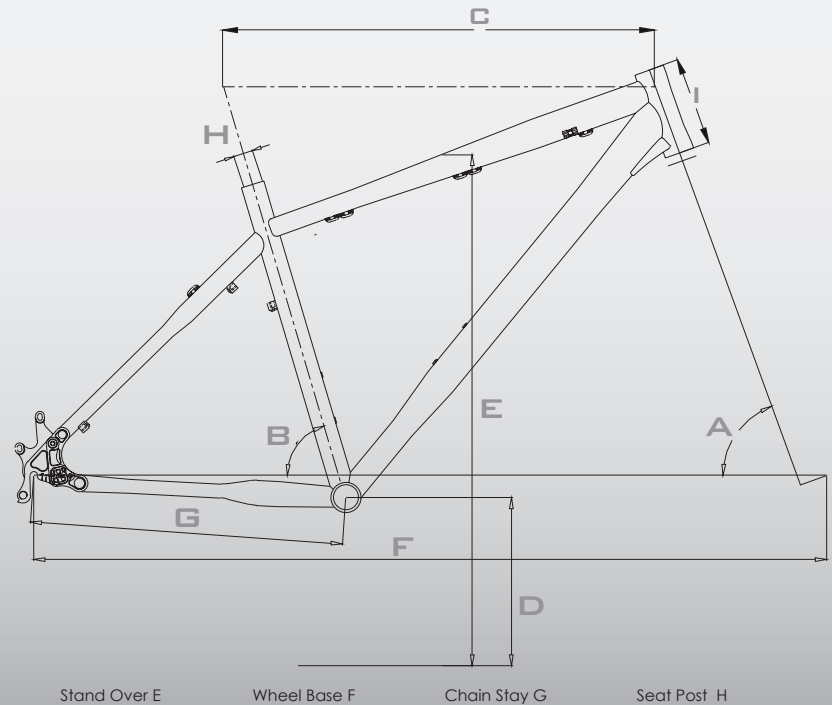
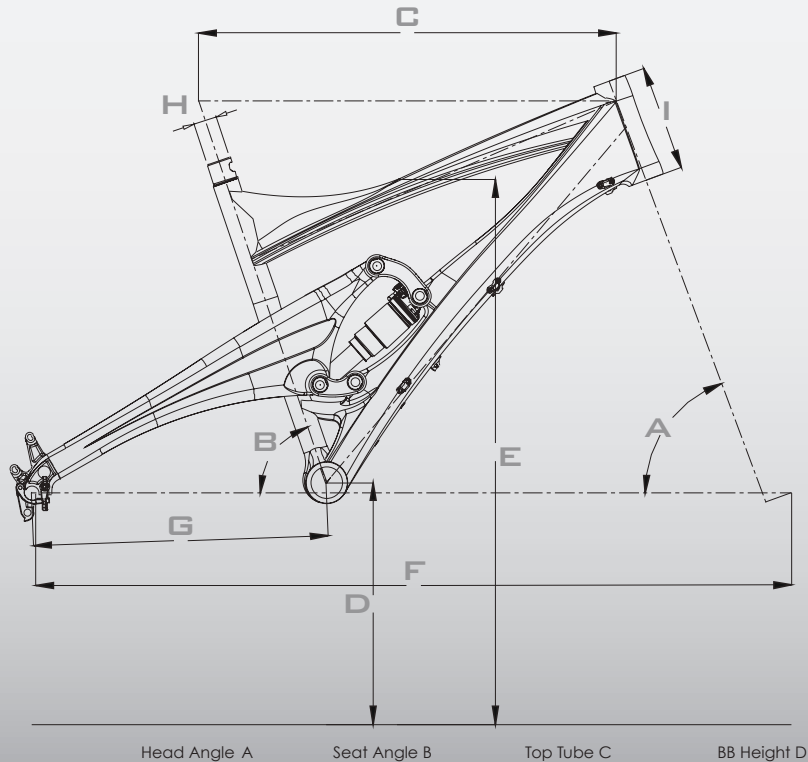
Our R&D office uses AutoDesk 3D CAD packages to allow us to conceive, develop and perfect potential geometry before we even get on the trail.

Unlike many manufacturers we rework our geometry for each and every bike too.

Likely use, likely riders, suspension function, frame attributes – it all affects what angles and dimension will create the optimum character. We also break down each individual aspect of a bike's geometry as well as the components we'll use so we can isolate and precision tune each vital variable. By co-developing suspension and handling geometry in tandem we can ensure that both work together seamlessly in every situation too.

Finally we build a selection of prototypes for our development team to appraise, prove and perfect in real world trail conditions that no computer simulation can hope to match. It's the feedback of these brutally uncompromising riders as well as our sponsored athletes that give the stamp of true trail authority or send us back to the drawing board again.

After all, if it doesn't ride right, it's not a Whyte.



GEOMETRY

E-120 S

Size	Head Angle	Seat Angle	Top Tube	Seat Tube	Head Tube
X-Small	68.8°	70.8°	572.2mm	419mm	128mm
Small	68.8°	70.8°	584mm	434mm	143mm
Medium	68.8°	70.8°	597mm	484mm	153mm
Large	68.8°	70.8°	611.3mm	525mm	173mm
Size	Wheel Base	Chain Stay	BB Height	BB Drop	Seat Post
X-Small	1065.8mm	420mm	354mm	+23.2	30.9mm
Small	1078mm	420mm	354mm	+23.2	30.9mm
Medium	1091.4mm	420mm	354mm	+23.2	30.9mm
Large	1105.2mm	420mm	354mm	+23.2	30.9mm

19 CARBON HT

Size	Head Angle	Seat Angle	Top Tube	Seat Tube	Head Tube
Small	70°	73.5°	576.2mm	406.2mm	134mm
Medium	70°	73.5°	600.9mm	454.9mm	134mm
Large	70°	73.5°	614mm	491.4mm	144mm
Size	Wheel Base	Chain Stay	BB Height	BB Drop	Seat Post
Small	1077.5mm	420mm	306mm	-25	30.9mm
Medium	1093mm	420mm	307mm	-25	30.9mm
Large	1107.9mm	420mm	308mm	-25	30.9mm

19 TRAIL TITANIUM AND 19 STEEL

Size	Head Angle	Seat Angle	Top Tube	Seat Tube	Head Tube
Small	67.7° - 68.2°	72.2° - 72.7°	565mm	406.4mm	100mm
Medium	67.7° - 68.2°	72.2° - 72.7°	583.4mm	436.4mm	120mm
Large	67.7° - 68.2°	72.2° - 72.7°	609mm	481.8mm	125mm
Size	Wheel Base	Chain Stay	BB Height	BB Drop	Seat Post
Small	1065.3mm - 1082.5mm	425mm	310.6mm - 316.8mm	-15.8	30.9mm
Medium	1085.2mm - 1102.4mm	425mm	310.6mm - 316.8mm	-15.8	30.9mm
Large	1111.1mm - 1128.3mm	425mm	310.6mm - 316.8mm	-15.8	30.9mm

E-120 XX

Size	Head Angle	Seat Angle	Top Tube	Seat Tube	Head Tube
X-Small	69.5°	71.6°	569.5mm	419mm	128mm
Small	69.5°	71.6°	581.3mm	434mm	143mm
Medium	69.5°	71.6°	594.3mm	484mm	153mm
Large	69.5°	71.6°	608.4mm	525mm	173mm
Size	Wheel Base	Chain Stay	BB Height	BB Drop	Seat Post
X-Small	1059.1mm	420mm	349mm	+17.5	30.9mm
Small	1071.4mm	420mm	349mm	+17.5	30.9mm
Medium	1084.7mm	420mm	349mm	+17.5	30.9mm
Large	1099.5mm	420mm	349mm	+17.5	30.9mm

905 AND 901

Size	Head Angle	Seat Angle	Top Tube	Seat Tube	Head Tube
Small	68°	72.5°	565.1mm		122mm
Medium	68°	72.5°	584.5mm		132mm
Large	68°	72.5°	609.6mm		152mm
Size	Wheel Base	Chain Stay	BB Height	BB Drop	Seat Post
Small	1076mm	425mm	314.1mm		30.9mm
Medium	1096.2mm	425mm	314.1mm		30.9mm
Large	1123mm	425mm	314.1mm		30.9mm

19 TRAIL ALLOY

Size	Head Angle	Seat Angle	Top Tube	Seat Tube	Head Tube
Small	67.7° - 68.2°	72.2° - 72.7°	565.1mm	406.2mm	122mm
Medium	67.7° - 68.2°	72.2° - 72.7°	584.5mm	454.9mm	132mm
Large	67.7° - 68.2°	72.2° - 72.7°	609.6mm	491.1mm	152mm
Size	Wheel Base	Chain Stay	BB Height	BB Drop	Seat Post
Small	1065.3mm - 1082.5mm	425mm	310.6mm - 316.8mm	-15.8	30.9mm
Medium	1085.2mm - 1102.4mm	425mm	310.6mm - 316.8mm	-15.8	30.9mm
Large	1111.1mm - 1128.3mm	425mm	310.6mm - 316.8mm	-15.8	30.9mm

SPECIFICATIONS

Model	Whyte E-120 Works XX	Whyte E-120 XT	Whyte E-120 S	Whyte E-120 Frameset
Colour	Gloss Carbon / White / Lime	Raw Uni-directional Carbon White and Silver	White / Lime	Raw Uni-directional Carbon
Sizes Available	XS, S, M, L	XS, S, M, L	XS, S, M, L	XS, S, M, L
Frame	Uni-directional Multi Monocoque Front Triangle, Single Monocoque Rear Swing Arm, Carbon Linkages	Uni-directional Multi Monocoque Front Triangle, Single Monocoque Rear Swing Arm, Carbon Linkages	Uni-directional Multi Monocoque front triangle, single monocoque Rear Swing arm, Carbon Linkages	Uni-directional Multi Monocoque front triangle, single monocoque Rear Swing arm, Carbon Linkages
Fork	Rockshox Reba XX, 120mm travel, XX motion control and XLOC hydraulic remote lockout	Fox F120RL, QR15, 120mm	RockShox Reba SL 130mm with Maxle Light 20mm, Motion Control Damping, Adjustable Rebound	N/A
Rear Shock	Fox Float RP23, with Rebound Adjustment and Adjustable DOHC ProPedal. Whyte Designs Cartridge Bearing Shock Bushings	Fox Float RP2, with Rebound Adjuster and 2 Position ProPedal Lever. Whyte Designs Cartridge Bearing Shock Bushings	Fox Float RP2, with Rebound Adjust. Whyte Designs Cartridge Bearing Shock Bushings	Fox Float RP23, with Rebound Adjuster and adjustable DOHC ProPedal. Whyte Designs Cartridge Bearing Shock Bushings
Headset	FSA Integrated Headset, Orbit ZS-CF, Sealed Cartridge Bearings	FSA Special Whyte Integrated headset, with 1/18" top and 1 1/4" Lower Sealed Cartridge Bearings	FSA Special Whyte Integrated headset, with 1/18" top and 1 1/4" lower Sealed Cartridge Bearings	N/A
Rear Hub	Hope Pro 2 Wheel Set	Shimano XT Wheelset WH-M775 with Centre-Lock Disk Rotors	Hope II Pro Disc Hub 32 Hole	N/A
Front Hub	Hope Pro 2 Wheel Set	Shimano XT Wheelset WH-M778 QR15 with Centre-Lock Disk Rotors	Alloy Double sealed 20mm through Axle, 32 Hole	N/A
Spokes	Hope Pro 2 Wheel Set	Shimano XT Wheelset WH-M775/8	DT Competition Butted 1.8-1.6-1.8mm, Black Stainless with Brass Nipples	N/A
Rims	Hope Pro 2 Wheel Set	Shimano XT Wheelset WH-M775/8	Mavic XC-317, 32 Hole, Black	N/A
Tyre	Maxxis High-Roller 26 X 2.1" with Kevlar Bead	Continental Mountain King 26 X 2.2" with Kevlar Bead	Continental Mountain King 26 X 2.2" with Kevlar Bead	N/A
Shift Levers	SRAM XX	Shimano XT SL-M770	SRAM X-7	N/A
Front Derailleur	Shimano XTR	Shimano XT, FD-M770	Shimano Deore	N/A
Rear Derailleur	SRAM XX	Shimano XT, Shadow, RD-M772	SRAM X-9 Long Cage	N/A
Cassette	SRAM XX 11-36 10 Speed	Shimano CS-M770 11-34	SRAM PG-950 11-34	N/A
Chain	SMAM 10 Speed	Shimano HG-73	SRAM PC-971	N/A
Crankset	SRAM XX 28/42 Tooth Double Chainset	Shimano XT FC-M770, 44/32/22 with Hollowtech II Arms and Carbon Middle Chain Ring	Shimano SLX FC-M660, 44/32/22 with Hollowtech II Arms and Carbon Middle Chain Ring	N/A
Bottom Bracket	GXP	Shimano XT Big Pipe Billet Integrated with Crankset	Shimano SLX Big Pipe Billet Integrated with Crankset	N/A
Seatpost	Easton EC90 30.9mm x 400mm	Thomson In-Line, 30.9mm x 410mm	2014 Alloy Micro I-beam Seat Post, 30.9 X 400mm	N/A
Seat	Fi'zi:k Tundra White with Ti Rails	Fi'zi:k Gobi XM with Mag Rails	Saddle SDG Bel Air SL	N/A
Bar	Easton Monkeylite SL Low Rise, 31.8mm OD, 635mm Wide	Easton Monkeylite XC Low Rise, 31.8mm OD, 685mm Long	Truvative Stylo Race, 31.8mm OD, 680mm Wide	N/A
Stem	Easton EA70, 31.8mm Bar Clamp, 90mm S, 100mm M, 110mm L	Easton EA50, 31.8mm Bar Clamp, 70mm XS, 80mm S, 90mm M, 90mm L	Truvative Stylo Race, 31.8mm Bar Clamp, 60mm XS & S, 75mm M, 90 L	N/A
Grips	Whyte Semi Lock-on's	Whyte Semi Lock-on's	Whyte Lock-on's	N/A
Brakes	SRAM XX	Avid ELIXIR with centre-lock Rotors, 160mm Front and Rear	ELIXIR 5, White, 180 Front and 160 Rear Rotors	N/A
Brake Levers	SRAM XX	Avid ELIXIR	ELIXIR 5	N/A
Pedals	None	None	None	N/A

Specification details were correct at the time of printing. However, product changes may occur after this time. Please check model availability and full specification details with your dealer prior to ordering. We discourage mail order on the grounds of customer safety and ease of after-sales service. Therefore, only bikes supplied fully assembled directly from an official dealer's premises qualify for any WHYTE warranty in the UK. Customers statutory rights are not affected.

SPECIFICATIONS

Model	Whyte 19 C Works XX	Whyte 19 Race	Whyte 19 C	Whyte 19 C Team Frameset
Colour	Gloss Carbon / White / Lime	Gloss White / Silver	Gloss Carbon Green and White	Gloss Carbon with Silver and White (TBC)
Sizes Available	S, M, L	S, M, L	S, M, L	S, M, L
Frame	Uni-directional Multi Monoque	Uni-directional Multi Monoque	Uni-directional Multi Monoque	Uni-directional Multi Monoque
Fork	Rockshox Sid XX, 100mm travel, XX motion control and XLOC hydraulic remote lockout	RockShox SID Race 100mm Travel, Remote Push-lock Motion Control	RockShox SID Race 100mm Travel, Remote Push-lock Motion Control	N/A
Rear Shock	N/A	N/A	N/A	N/A
Headset	FSA Integrated Headset, Orbit ZS-CF, Sealed Cartridge Bearings	FSA Integrated Headset, Orbit ZS-CF Sealed Cartridge Bearings	FSA Integrated Headset, Orbit ZS-CF Sealed Cartridge Bearings	N/A
Rear Hub	Fulcrum Red Metal 1 Tubless Wheelset	Fulcrum Red Metal 3 wheel set with Centre Lock wheels	Fulcrum Red Metal 5 wheel set with 6 Bolt hubs	N/A
Front Hub	Fulcrum Red Metal 1 Tubless Wheelset	Fulcrum Red Metal 3 wheel set with Centre Lock wheels	Fulcrum Red Metal 5 wheel set with 6 Bolt hubs	N/A
Spokes	Fulcrum	Fulcrum SiSt Bladed	Fulcrum Red Metal 5 wheel set with bladed SiSt spokes	N/A
Rims	Fulcrum tubless compatible	Fulcrum Metal 3, tubless compatible	Fulcrum Red Metal 5	N/A
Tyre	Maxxis Aspen 26 x 2.1 DKFW AR 465g	Maxxis Aspen, 26" X 2.1" DKFW AR Folding	Continental Race King 26 X 2.0" with Kevlar Bead	N/A
Shift Levers	SRAM XX	Shimano XT SL-M770	Shimano SLX SL-M660	N/A
Front Derailleur	SRAM XX	Shimano XT FD-M770	Shimano SLX FD-M660	N/A
Rear Derailleur	SRAM XX	Shimano XT RD-M772, Shadow	Shimano XT RD-M772, Shadow	N/A
Cassette	SRAM XX 11-36 10 Speed	Shimano CS-M770 11-34	Shimano CS-M660 11-34	N/A
Chain	SMAM 10 Speed	Shimano HG-73	Shimano HG-73	N/A
Crankset	SRAM XX BB-30 30/45 Tooth Double Chainset	FSA Afterburner Crankset BB30, 44/32/22	FSA Afterburner Crankset BB30, 44/32/22	N/A
Bottom Bracket	BB30	BB30	BB30	N/A
Seatpost	Easton EC90 30.9mm x 400mm	FSA, Carbon SL-K 30.9mm x 350mm	FSA, Carbon SL-280 30.9mm x 350mm	N/A
Seat	Fi'zi'k Tundra White with Ti Rails	Fi'zi'k Tundra with Mag Rails	Fi'zi'k Tundra in White with Mag Rails	N/A
Bar	Easton Monkeylife SL Low Rise, 31.8mm OD, 635mm Wide	FSA, Carbon, K-Force, 19mm Rise, 630mm Wide	FSA, Carbon, K-Force, 19mm Rise, 630mm Wide	N/A
Stem	Easton EA70, White, 31.8mm Bar Clamp, 90mm S, 100mm M, 110mm L	FSA, 150 XTR, with Carbon Face Plate, 80mm S, 90mm M, 100mm L	FSA, 150 XTR, with Carbon Face Plate, 80mm S, 90mm M, 100mm L	N/A
Grips	Whyte Semi Lock-on's	Whyte Semi Lock-on's	Whyte Semi Lock-on's	N/A
Brakes	SRAM XX	Shimano XT	Hayes Stroker Carbons, 160mm Rotors	N/A
Brake Levers	SRAM XX	Shimano XT	Stroker Carbon	N/A
Pedals	None	None	None	N/A

SPECIFICATIONS


Model	Whyte 19 Trail Ti	Whyte 19 Trail	Whyte 19 Trail Ti Frameset	Whyte 19 Trail 631 Steel
Colour	Brushed Raw Ti	Cool Grey 1 and Gloss Black	Brushed Raw Ti	Satin Fox Titanium
Sizes Available	S, M, L	S, M, L	S, M, L	S, M, L
Frame	3AL2.5V Aerospace Grade Titanium Alloy, Custom Cold-drawn	6061 Hydro Formed T6 Aluminium, Custom Drawn, Multi Butted with Adjustable Modular Dropouts	3AL2.5V Aerospace Grade Titanium Alloy, Custom Cold-drawn	Reynolds 631 Air Hardening steel, Custom Drawn and Multi Butted
Fork	Fox F120 RL QR15, 120mm Travel	Fox F120 RL QR15	N/A	RockShox Reba SL, Maxle Light 120mm Travel, Motion Control Damping with TurnKey Lock-out
Rear Shock	N/A	N/A	N/A	N/A
Headset	FSA Orbit MX, Sealed Cartridge Bearings	FSA Orbit Z, Sealed Cartridge Bearings	N/A	FSA Orbit MX, Steel Sealed Cartridge Bearings
Rear Hub	Hope II Pro Disc Hub 32 Hole with Shimano XT QR	Hope II Pro Disc Hub 32 Hole with Shimano XT QR	N/A	Hope II Pro Disc Hub 32 Hole with Shimano XT QR
Front Hub	Hope II Pro Disc Hub 15mm 32 Hole	Hope II Pro QR15 Disc Hub 32 Hole with Shimano XT QR	N/A	Double Sealed Bearing Hub 20mm, 32 Hole
Spokes	DT Competition Butted 1.8-1.6-1.8mm, Black Stainless with Brass Nipples	DT Competition Butted 1.8-1.6-1.8mm, Black Stainless with Brass Nipples	N/A	DT Competition Butted 1.8-1.6-1.8mm, Black Stainless with Brass Nipples
Rims	Mavic XM-719, 32 Hole, Black	Mavic XM-719, 32 Hole, Black	N/A	Mavic XM 317, 32 Hole
Tyre	Maxxis Aspen 26 x 2.25 DKFW AR	Maxxis Aspen 26 x 2.25 DKFW AR	N/A	Maxxis Aspen 26 X 2.25", DK60 AR Folding Bead
Shift Levers	SRAM X-9	SRAM X-9	N/A	SRAM X-5 Trigger
Front Derailleur	SRAM X-9	SRAM X-9	N/A	SRAM X-5
Rear Derailleur	SRAM X-0 Long Cage, Gold cage and attachment bolt	SRAM X-0 Long Cage, Gold cage and attachment Bolt	N/A	SRAM X-9 with Gold Anodized Cage and attachment bolt
Cassette	SRAM PG-990 11-34, Gold Spider	SRAM PG-990 11-34, Gold Spider	N/A	SRAM PG-950 11-34
Chain	SRAM PC-971	SRAM PC-971	N/A	SRAM PC-971
Crankset	FSA Afterburner Crankset BB30, 44/32/22	Truvative Stylo 3.3 22/32/44 with Gold chainring bolts	N/A	FSA Afterburner Crankset BB30, 44/32/22
Bottom Bracket	BB30	GXP	N/A	FSA BB-30
Seatpost	Thomson In-line, 30.9mm x 410mm	Thomson In-line, 30.9mm x 410mm	N/A	Truvative Stylo Race, 30.9mm x 400mm
Seat	Fi'zi:k Gobi XM, White/Black with Mag Rails	Fi'zi:k Gobi XM White/ Black with Mag Rails	N/A	Fi'zi:k Gobi XM Mag Rails
Bar	Easton Monkeylife XC Low Rise, 31.8mm OD	Easton Monkeylife XC Low Rise, 31.8mm OD	N/A	Truvative Stylo Race, 31.8mm OD, 25.4mm Rise, 680mm long
Stem	Thomson Elite X-4, 31.8mm Bar Clamp, 90mm S & M, 100mm L	Thomson Elite X-4, 31.8mm Bar Clamp, 90mm S & M, 100mm L	N/A	Truvative Stylo Race, 60mm S, 75mm M, 90mm L
Grips	Whyte Semi Lock-on's	Whyte Semi Lock-on's	N/A	Whyte Lock-on's
Brakes	Hope X2 With Hope Tech Levers, 180mm front rotor with 160mm rear rotor	Hope X2, With Tech Carbon Lever, 180mm front rotor and 160mm Rear Rotor	N/A	Avid Elixir R, White, 180mm Front and 160mm Rear Rotors
Brake Levers	Hope Tech levers	Hope, Tech lever	N/A	Avid Elixir R
Pedals	None	None	N/A	None

Specification details were correct at the time of printing. However, product changes may occur after this time. Please check model availability and full specification details with your dealer prior to ordering. We discourage mail order on the grounds of customer safety and ease of after-sales service. Therefore, only bikes supplied fully assembled directly from an official dealer's premises qualify for any WHYTE warranty in the UK. Customers statutory rights are not affected.

SPECIFICATIONS

Model	Whyte 905	Whyte 901 Trail
Colour	Gloss Cool Gray	Satin Black
Sizes Available	S, M, L	S, M, L
Frame	6061 Hydro Formed T6 Aluminium, Custom Drawn and Multi Butted	6061 Hydro Formed T6 Aluminium, Custom Drawn and Multi Butted
Fork	RockShox Reba SL, Maxle Light 120mm Travel, Motion Control Damping with TurnKey Lock-out	RockShox Recon Race, Maxle Light 120mm Travel, Solo Air, Adjustable compression
Rear Shock	N/A	N/A
Headset	FSA Orbit Z, Internal, Steel Sealed Cartridge Bearings	FSA Orbit Z, Internal, Steel Sealed Cartridge Bearings
Rear Hub	Hope II Pro Disc Hub 32 Hole with Shimano XT QR	Alloy, Double Sealed Bearing Hub, 32 Hole
Front Hub	Double Sealed Bearing Hub 20mm, 32 Hole	Alloy, Double Sealed Bearing Hub 20mm, 32 Hole
Spokes	DT Competition Butted 1.8-1.6-1.8mm, Black Stainless with Brass Nipples	DT Competition Butted 1.8-1.6-1.8mm, Black Stainless with Brass Nipples
Rims	Mavic XM 317, 32 Hole	Mavic XM 117, 32 Hole
Tyre	Maxxis Aspen 26 X 2.25", DK60 AR Folding Bead	Continental Mountain King Fold 2.2" X 26" Kevlar
Shift Levers	Shimano Deore	SRAM X-5
Front Derailleur	Shimano Deore	SRAM X-5
Rear Derailleur	Shimano SLX Shadow, RD-M662	SRAM X-9 Red Anodized
Cassette	Shimano SLX 11-34	SRAM PG-950 11-34
Chain	SRAM PC-971	SRAM PC-971
Crankset	Shimano SLX FC-M660, 44/32/22 with Hollowtech II Arms	Truvativ Firex 3.1, 44/32/22
Bottom Bracket	Shimano Big Pipe Billet Integrated with Crankset	GXP
Seatpost	Easton EA50, 30.9mm x 350mm	Truvativ Stylo Race, 30.9mm x 400mm
Seat	Fi'zi:k Gobi XM Mag Rails	SDG Bel Air RL
Bar	EA70 MonkeyBar XC Mid Rise, 31.8mm OD, 685mm	Truvative Stylo Race, 31.8mm OD, 25.4 Rise, 680mm Long
Stem	Easton EA50, 31.8mm Bar Clamp, 70mm XS & S, 80mm M, 90mm L	Truvativ Stylo Race, 31.8mm Bar Clamp, 60mm S, 75mm M, 90mm L
Grips	Whyte Lock-on's	Whyte Lock-on's
Brakes	Hayes Stroker Trail, 180mm Front and 160mm Rear Rotors	Elixir 5, White, 180mm Front Rotor and 160mm Rear Rotor
Brake Levers	Stroker Trail	Elixir 5
Pedals	None	None





Thanks to,

Paul Rogers for Studio photography
Russell Burton for Location Photography
Mike Davis for some detail photography
Billy Whenman, Finlay Paton, Luke Smith, Paul Lasenby and Ian Alexander for riding and posing
and Andy Jeffries for facilitating.

Most of all thanks to our superb product and design team for a range to be proud of.
Credit to Ian, Pat, Andy, Mark, Guy and all the others involved.