WHITE LIGHTNIN'

Raleigh's no-compromise mountain bike with full Reynolds 653 All-Terrain tubeset and straight-blade 653 forks for pin-sharp steering.

Full Suntour XC-PRO competition groupset with X-Press underbar shifters, 7-speed Accushift Plus derailleur and 46-36-24 Powering round chainset.
Raleigh’s Lightweight MTBs are all hand-built by Lightweight Division craftsmen, the same Division that builds Raleigh’s road and mountain race machines.

The continuing success of Raleigh in competition is due to our development and refinement of cycle technology, carried out by the team responsible for the frame design and component specification of the racing and leisure MTBs in this catalogue.

**CHOOSE THE PERFECT HEART FOR YOUR MTB**

The frame is the heart of any bike’s performance – no component can adequately compensate for a poor frame.

Raleigh MTB frames vary their geometry according to size, fitting the likely rider more precisely to enhance both comfort and performance in this demanding cycling discipline.

And now we offer you a choice of top-quality frame materials – a full Reynolds 653 AT butted tubeset on our race model, or Reynolds 531 AT frames on the more leisure-orientated bikes.

You can also choose the very latest American MTB technology – Raleigh America’s Technium® range, designed and built at Raleigh’s Seattle plant.

Oversize aluminium main tubes are bonded for the best combination of rigidity, strength and lightness, incorporating Raleigh pedals and saddles to do full justice to the potential performance of the frame.

The race-ready Suntour XC-PRO groupset is featured on our 653-framed MTB, combining X-Press underbar indexed shifters on both front and rear gears, Accushift Plus rear derailleur and round anti-jam Powering chainrings.

STI (Shimano Total Integration) now provides the mountain biker with even more reliable SIS indexed shifting on both derailleur and chaining.

Coupled with the proven performance of SLR brakes, this new underbar shift system gives greater comfort, accuracy and speed on or off-road.

To enhance rider comfort still further, Vetta gel-filled saddles have been fitted right across the range.

Araya, Michelin, Rigida, Suntour, Vetta, Shimano; Sakae … a ‘Who’s Who’ of componentry, carefully selected for you to appreciate.

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**MOONSHINE**

Reynolds 531 AT main tubes and straight-blade forks are combined with Shimano’s latest Deore DX groupset in a mouthwatering mountain bike that can race or tour with equal assurance.

STI 21-gear underbar shifting, Hyperglide rear gears and Superglide Biopace rings … no advance is ignored to make Moonshine fast, comfortable, versatile.

Rigida Laser hard anodised rims are shod with grippy Michelin Hi-Lite Hot tyres, enhancing the Vetta Turbo gel saddle’s ability to soak up the bumps of hard riding.

4-point rear carrier, twin bottle cage and mudguard braze-ons give Moonshine the versatility to match its performance.

Shine on!

Sizes: 49, 53, 57cms. Weight: 13.00kg.
Colours: Fluo Pink/Plum.

America’s unique Monostay® rear triangle for maximum power transmission.

Reynolds or Technium, steel or aluminium, the quality is Raleigh’s but the choice is yours.

**A CHOICE OF THE FINEST COMPONENTS**

Mountain biking has always been the showplace of the latest advances in componentry – and Raleigh’s 1990 range is no exception.

The newest thinking from Shimano and Suntour has been carefully tested and selected, and combined with the latest bars,
THUNDER ROAD

A 531 AT butted main tube frame is the heart of this high-quality MTB that’s equally at home on city streets or rocky tracks. Suntour XCE X-Press underbar shifters put 21 gears at your control with round/oval Powering chainrings to combine easy climbing with speed on the flat.

Whether it’s speed or fun you’re after, the Rigida hard anodised rims and chunky tyres will get you there with confidence, and the Vetta gel-filled saddle gets you there in comfort!

Toe clips and matching straps are also included in this impressive specification, as are full braze-ons for rear rack, bottle cages and mudguards.

Take the hills by storm!

Colours: Fluo Green/Black.

BLUERIDGE

A high-performance combination of Reynolds 531 AT main frame butted tubes and Shimano’s new 400LX groupset make the Blueridge an MTB to aspire to.

The Cro-Mo stem and bars sport the latest STI shifters, smoothly controlling 21 Hyperglide/Superglide gears.

Biopace chainrings make lighter work of steep climbs, while the deep-tread tyres on their Rigida hard anodised rims glide you over obstacles.

A Vetta Turbo gel-filled saddle makes Blueridge the perfect mount for long-distance touring over rough and smooth, and the city slicker can take comfort in his ability to fit mudguards as well as racks and bottle cages.

SLR cantilever brakes complete the picture with the smooth, progressive control that makes stopping as much a delight as starting.

True-blue enjoyment!

Colours: Fluo Orange/Blue.
America, the home of the mountain bike, is also home to Raleigh’s Technium range.

Designed, developed, built and tested in America, Raleigh’s step-by-step quality control shows on every Technium bike. Constructed in oversize aluminium tubing with Raleigh’s unique Monostay rear triangle for improved power transmission, Technium gives you the best of American design and construction – in Britain!
TECHNIUM CHILL

Easton E9 anodised aluminium main tubes are combined with a Cro-Mo Monostay rear triangle and straight-blade forks in this flagship of the Technium MTB range.

A sealed oversized Tioga headset complements Shimano's race ready Deore DX groupset, featuring round Superglide indexed chainrings and STI-controlled 7-speed Hyperglide rear cluster.

Crisp, accurate steering is assured from the True Temper Cro-Mo bars, and rider comfort from the racing leather gel-filled saddle.

Chinook anodised rims with Ritchey Force competition tyres grab onto any surface with total confidence, leaving lesser machines far behind.

Throw a chill into the opposition!
Sizes: 18, 20, 22ins. Weight: 13.00kg.
Colours: Silver anodised, Blue/Black trim.

TECHNIUM INSTINCT XCD

Display your competitive instincts with this Easton E9 tubed Technium MTB - a superb frame that’s complemented by the equally superb Suntour XCD-6000 groupset.

Straight blade Cro-Mo forks and Monostay rear triangle ensure precise steering and rapid acceleration, while the frame’s combination of lightness and rigidity gives a responsive ride with feather-touch 21-gear selection from the X-Press underbar shifters.

Tioga sealed oversize headset, Araya rims and Ritchey Force tyres
...Instinct is a treasure trove of top-quality components just waiting to blaze away.

Give those instincts their head!
Colours: Anodised Black/Red/Silver with Black trim.

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TECHNIUM OBSESSION

This mean machine has an aluminium heart – 6061 T8 oversize tubes – and the Raleigh America straight-blade forks and Monostay rear triangle in Cro-Mo tubing. Shimano 300 LX STI gears and SLR cantilever brakes adorn this high-performance cycle with Biopace chainrings for maximum climbing convenience.

Even though this MTB has an economical price, no corners are cut – Araya rims, Ritchey Quad tyres, and Tioga oversize sealed headset are accessories worthy of the finest mountain machines.

A magnificent obsession!

TECHNIUM HEAT

6061 T8 oversize aluminium tubes are the heart of this white-hot performer, with straight-blade cromoly forks and Monostay rear triangle completing the picture. Shimano 500 LX STI Hyperglide/ Superglide gears, with round chainrings for ultimate speed are combined with Tioga oversize sealed headset, Araya rims, Ritchey Quad tyres and Sakae Mountain pedals in an impressive cocktail of MTB technology.

Its innocent colour scheme belies its wicked performance, giving you the tools to tackle the toughest trails.

Feel the heat – now!
### WHITE LIGHTNING

**FRAME**
73° seat tube geometry 653 All Terrain tubeset.

**FORK**
653 straight.

**WHEELS**
Rims - Araya RM17 hard anodised. 32 hole.
Hubs - Suntour XC-Pro. Spokes - Stainless 14 gauge.
Tyres - Michelin Hi-Lite Hot 26 x 1.95.

**HANDLEBAR**
Cr-Mo swaged. Rubber grips.

**STEM**
Cr-Mo internal cable run.

**BRAKES**
Suntour XC Pro. w/ rear SE cantilever.

**DERAILLEUR**
Suntour XC Pro. X-Press Shifters.

**CHAINSET**
Suntour XC Pro 46-36-24 Powerlink round.

**FREEWHEEL**
Cassette 7-speed 12-30 Acushit plus.

**PEDALS**
Suntour X. C.

**SADDLE**
VETTA Turbo gel.

**SEAT PIN**
Suntour XC Pro.

**OTHER FEATURES**
Tape clips and straps.

### MOONSHINE

**FRAME**
73° seat tube geometry. 531 butted main tubes.

**FORK**
Straight 531.

**WHEELS**
Rims - Rigid Laser 340 hard anodised. 32 hole.
Hubs - Shimano Deore DX. Spokes - Stainless 14 gauge.
Tyres - Michelin Hi-Lite Hot 26 x 1.95.

**HANDLEBAR**
Cr-Mo swaged. Rubber grips.

**STEM**
Cr-Mo internal cable run.

**BRAKES**
Shimano Deore DX cantilever. SLR.

**DERAILLEUR**
Shimano Deore DX. STI shifters.

**CHAINSET**
Shimano Deore DX Biopace 48-38-28. SG.

**FREEWHEEL**

**PEDALS**
Shimano Deore DX.

**SADDLE**
VETTA Turbo gel.

**SEAT PIN**
Micro adjust.

**OTHER FEATURES**
Tape clips and straps.

### THUNDER ROAD

**FRAME**
73° seat tube geometry. 531 butted main tubes.

**FORK**
Unicrown.

**WHEELS**
Rims - Rigid Laser 400 hard anodised.
Hubs - Suntour ATX5 front Q/R, Q/R rear freehub Q/R.
Spokes - Stainless 14 gauge. Tyres - Skinside 26 x 1.9.

**HANDLEBAR**
Cr-Mo swaged. Rubber grips.

**STEM**
Cr-Mo internal cable run.

**BRAKES**
Suntour cantilever.

**DERAILLEUR**
Suntour XCR Acushit plus. X-Press shifters.

**CHAINSET**
Suntour XCR 10mm. 48 round 18 (oval) 28 (oval) Power. 48.

**FREEWHEEL**
Suntour cassette 7-speed 12-28 Acushit plus.

**PEDALS**
Suntour PLY 45.

**SADDLE**
VETTA Turbo gel.

**SEAT PIN**
Micro adjust.

**OTHER FEATURES**
Tape clips and straps.

### BLUE RIDGE

**FRAME**
73° seat tube geometry. 531 butted main tubes.

**FORK**
Unicrown.

**WHEELS**
Rims - Rigid Laser 400 hard anodised.
Hubs - Shimano Q/R. Spokes - Stainless 14 gauge.
Tyres - Skinside 26 x 1.9.

**HANDLEBAR**
Cr-Mo swaged. Rubber grips.

**STEM**
Cr-Mo internal cable run.

**BRAKES**
Shimano cantilever.

**DERAILLEUR**
Shimano 400LX indexed. STI levers.

**CHAINSET**
Shimano 400 LX 48-38-28 Biopace SG.

**FREEWHEEL**
Shimano cassette 7-speed 12-28 Hyperglide.

**PEDALS**
Suntour xcr MTP Lo-Fat.

**SADDLE**
VETTA Turbo gel.

**SEAT PIN**
Micro adjust.

**OTHER FEATURES**
Tape clips and straps.

### TECHNITUM CHILL

**FRAME**
Easton E9 anodised main tubes. alloy oversize head lug. Cr-Mo wishbone.

**FORK**
Straight blade Ishiwata Cr-Mo with investment cast dropouts.

**WHEELS**
Rims - Sun Metal Cincook C-16 silver anodised.
Hubs - Shimano Deore DX Hyperglide freewheel.
Spokes - Stainless steel. Tyres - Ritchey Force/Megabyte 26 x 2.1.

**HANDLEBAR**
Cr-Mo True Temper.

**STEM**
Hsing Lung TIG Cr-Mo w/ internal routing.

**BRAKES**
Shimano Deore DX.

**DERAILLEUR**
Shimano Deore DX SIS.

**CHAINSET**
24-16-46 round.

**FREEWHEEL**
Shimano Hyperglide 12-28 cassette.

**PEDALS**
Shimano Deore DX w/cips and straps.

**SADDLE**
Gel-Lite leather racing.

**SEAT PIN**
Cr-Mo 4310.

**OTHER FEATURES**
Cable guides, chainhanger. double water bottle bosses.

### TECHNITUM INSTINCT XCD

**FRAME**
Easton E9 anodised main tubes. alloy oversize head lug. Cr-Mo wishbone with investment cast crown.

**FORK**
Cr-Mo straight blade.

**WHEELS**
Rims - Araya RX-7.
Hubs - Suntour XCD-4000. 32 hole Spokes - SS.
Tyres - Ritchey Force/Megabyte 26 x 2.

**HANDLEBAR**
Cr-Mo True Temper.

**STEM**
Hsing Lung internal TIG Cr-Mo.

**BRAKES**
Shimano XCD-600 w/ rear SE cantilever.

**DERAILLEUR**
Shimano XCD-400 Acushit plus.

**CHAINSET**
24-16-46 round.

**FREEWHEEL**
Shimano Acushit Plus 12-28 cassette.

**PEDALS**
Suntour XCD-6000.

**SADDLE**
Gel-Lite.

**SEAT PIN**
Cr-Mo 4310.

**OTHER FEATURES**
Cable guide, chainhanger, double water bottle bosses.

### TECHNITUM HEAT

**FRAME**
6061T8 aluminium main tubes. TIG rear wishbone with Cr-Mo Stay.

**FORK**
Cr-Mo mountain straight blade.

**WHEELS**
Rims - Araya VP-42.
Hubs - Shimano 500LX Hyperglide freewheel 36 hole.
Spokes - UCP. Tyres - Ritchey Quad 26 x 1.9.

**HANDLEBAR**
Hsing Lung flat mountain w/ "6" bend.

**STEM**
Hsing Lung TIG with roller.

**BRAKES**
Shimano 500LX.

**DERAILLEUR**
Shimano 500LX SIS.

**CHAINSET**
24-16-46 round.

**FREEWHEEL**
Shimano Hyperglide 12-28 cassette.

**PEDALS**
SR Sakai Low Fat Sport.

**SADDLE**
Mountain sport.

**SEAT PIN**
SR Sakai alloy micro adjust.

**OTHER FEATURES**
Cable guides, chainhanger. double water bottle bosses.
Your Raleigh Lightweight dealer is a specialist in selecting the right Raleigh Lightweight bicycle for you.

Raleigh Industries Triumph Road, Nottingham NG7 2DD England.

Our policy of continual improvement means that product specification and appearance may be changed while this catalogue is still in use.