

Components and Accessories



RITCHY

by com.



Tom Ritchey's interest in competitive cycling began early, at the age of 14. Training in the hills of Northern California, his enthusiasm for the sport quickly grew into a successful racing career. He became the feisty junior that beat the senior men at their game—doing it on his own handmade frames and components. In 1974, he won the National Prestige Road trophy and was named as a member on the United States Jr. National Team. He competed in the Junior World Championship road race in Warsaw, on a bike that he designed and built, and contributed to a U.S. fifth place in the team time trial. He continued to compete as a member of the U.S. National Team until designing frames and components began to demand the lion's share of his energy. In 1978, Joe Breeze and Otis Guy asked Tom to make them a tandem. Joe brought along his fat-tire clunker that he'd built and been riding in Marin. Tom, who had been experimenting with off road design, looked at Joe's clunker and built a bike that many consider the first true mountain bike. The word spread around Mt. Tamalpais, Gary Fisher, Charlie Kelly and others quickly put in

orders and before long Tom's demand for mountain bikes outnumbered his road bike orders.

The lightweight frame and heavy components of the early days made for many engineering challenges. Those challenges inspired Tom to redesign frame products like oversize stronger tubing, single-bent ovalized chainstays, the Unicrown fork, ovalized seat tubes and specialty components such as welded chromoly stems, Bullmoose bars, and wider axle cartridge bearing bottom brackets. Many of the early designs became industry standards and contributed to the evolution of mountain bike technology.

Tom still rides almost everyday for transportation and recreation. Problem-free riding is the driving force behind every component he designs and every frame he continues to build. He believes that a great ride means getting home exhausted but fulfilled, not frustrated because your bike was too heavy or broke down. Tom demands value and performance from his own equipment, and he designs them into every Ritchey product.

Team Ritchey

Dedication, raw talent, and endless training are key ingredients in Team Ritchey. Our current champions include Thomas Frischknecht, Shari Kain, Warren Sallenbach, John Stamstad, Andrés Brenes and Leslie Osmundsen. Their alumni include: Henrik Djernis; three time world champion, Ruthie Matthes; world champion, Don Myrah; world champion, Daryl Price, and Joe Murray. The team, on Tom's products, pushes themselves to the limit 365 days a year, all around the world. We are proud of their five world championship titles and three world cup wins. Their experience in an enormous range of conditions—the mud in Hoffaliez, the singletrack in Madrid, the steep climbs in Vail, and the white-knuckle descents at Mammoth—comes home to inspire Tom's ever evolving design. All products from Ritchey are infused with design inspired by the team experience.



Team Ritchey 1995 (L to R) Warren Sallenbach, John Stamstad, Thomas Frischknecht, Shari Kain, Andrés Brenes, Leslie Osmundsen



Pedals
Stems

Bars
Barends
Grips

Brakesets

Saddles
Seatposts

CPR
Tools

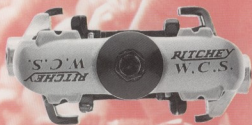
Cranksets

Bottom
Brackets,
Headsets

Tires

Rims

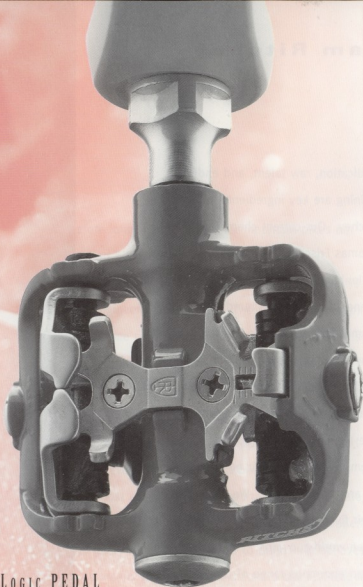
Frame
Accessories



WCS PEDAL

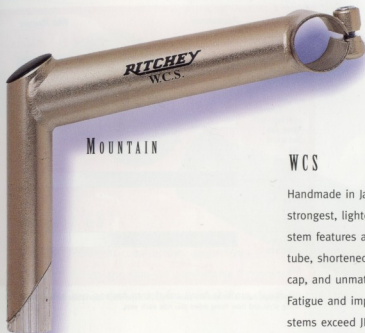
If you were going to design your own pedals, they would probably look like these.

Reduced rotating weight, plenty of mud clearance, a large pedal platform, more direct contact to axle, and narrow profile. The WCS pedal has a titanium axle, sealed ball bearings, and aluminum body. Available in WCS platinum color finish (300g/pair).



LOGIC PEDAL

All the same great features as the WCS pedal, but with a heat-treated chromoly axle (350g/pair).

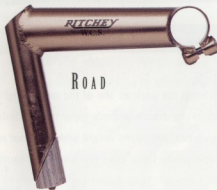


MOUNTAIN

When you're out of the saddle hammering on the pedals and pulling on your handlebars, you'll appreciate the stiffness of these stems. The welded, ovalized and butted chromoly stem is an original innovation by Tom over 20 years ago. A second heat-treatment process makes our stems exceed industry standards, and outperform all others.

WCS

Handmade in Japan, the WCS Stems are the strongest, lightest stems available. The WCS stem features a butted quill and extension tube, shortened lightweight bolt and alloy cap, and unmatched quality workmanship. Fatigue and impact tests show the WCS stems exceed JIS standards 200-300%, outperforming all previously tested stems.



ROAD



THREADLESS FORCELITE MOUNTAIN

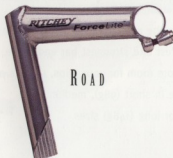
The ForceLite Threadless is a reversible 4° dual angle threadless stem that uses the same butted chromoly as the Ritchey ForceLite stem. It has rounded low-profile bolts for maximum knee clearance.



MOUNTAIN

FORCELITE

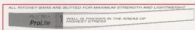
With its butted chromoly extension tube and quill the ForceLite stem is a dependable, lightweight choice for any riding style.



ROAD



The ProLite WCS leads the pack as one of the original lightest weight racing handlebars. All Ritchey's handlebars are double or triple taper butted design. This design gives you strength at the high stress areas, and saves weight where it's not needed. What you end up with is a lightweight, durable product that does not break. Of course, all Ritchey handlebars can be used with our WCS Pro and Logic Expert bar ends.



LOGIC PRO WCS

These uniquely forged and butted tubular bar ends are made from a single piece of aluminum to

eliminate the need for bonding or welding. The end result is the lightest and strongest bar end made. A narrow clamp provides more room for your grips, shifters and brake levers.

Available in short (98g), medium (130g), or long (148g) sizes.



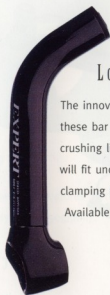
MODEL	RECREATION	PRO RACING
ProLite WCS		
- 4 or 6 degree bend		
- butted Easton EA70		
- 500mm width		
- hard anodized aluminum		
- 123g		
ProLite		
- 4, 6, 8 degree bend		
- butted Easton EA70		
- 500mm width		
- black or silver		
- 140g		
ComPLite		
- 6 degree bend		
- 2014 T6 seamless alloy		
- 500mm width		
- black or silver		
- 150g		
ForceLite		
- 5 degree bend		
- 2014 T6 alloy		
- 500mm width		
- silver		
- 170g		

*Handlebars have a limited life span which is dependent upon their construction, your riding style, and how many miles you ride each year.

LOGIC EXPERT

The innovative "Stress Diffused™" clamp design on these bar ends reduces the chances of bending or crushing lightweight handlebars. The elongated clamp will fit under your grips and evenly distributes the clamping force to protect lightweight handlebars.

Available in medium (160g) or long sizes (180g).





TRUEGRIP GS

This grip's lightweight construction, aggressive shark tooth design and slim yet comfortable hexagonal shape make it a perfect match for twist shifters. (45g) 85 mm length.

TRUEGRIP W.C.S



Still our most popular grip. The quality neoprene compound doesn't tear and doesn't harden from sunlight like other foam grips. Their ultra-light design provides all the comfort your hands will need and their slim shape is perfectly suited for all hand sizes. Available in black only, (40g).

TRUEGRIP LITE



These Kraton grips have the hexagonal shape of the original TrueGrip, but with a decreased diameter. The fin design offers a slightly softer feel, helps dissipate heat, and provides a solid grip, whether wet from rain or sweat (66g).

TRUEGRIP



This is the classic design that started it all. The shape and optimal compound material provide handlebar control and shock absorption (100g).

TRUEGRIP II



These grips are ergonomically designed for both right and left hands. The True Grip II uses the same comfortable compound as the original True Grip. (90g).



LOGIC BRAKES

You're only as fast as the stopping power of your brakes. More stopping power means you use them less which allows you to maintain speed. The cold-forged Logic cantilevers reduce the distance from the brake to the fork to eliminate performance robbing chatter. With our three-finger lever and Logic brake pads, you get one of the best performing brakesets on the market.

Available in WCS with "platinum" finish and Logic in black or silver. All Logic brakes have 2mm allen spring tension adjustment for easy brake centering (180g/per pair).



LOGIC BRAKES PADS

Their design addresses the problems of braking power, durability, chatter and wheel clearance all at once. Our special compound has a huge contact surface to provide greater stopping power and is molded around a one piece heat-treated steel skeleton to maximize strength. Their sculpted profile allows brakes to open wider for easier wheel access. Available in black compound, for all-around riding conditions, or red for wet weather and severe conditions. Standard or threaded posts available. (40 grams/pair).





SUPERLOGIC BRAKE LEVERS

If you're riding with twist shifters, you've got to have these levers. They feature a Ritchey-exclusive ergonomic design for 2 or 3-finger braking, even while you're shifting. They're customizable... adjust the cable stroke ratio for the right feel, pivot the cable adjuster for optimal efficiency, or change the lever reach for different-sized hands. The Stress Diffused™ bias-slotted clamps won't crimp lightweight handlebars while the stiff cold-forged levers keep you in control. (165g, pair).



SPLIT HANGER

The Split Hanger is to be used for a threadless headset system. It provides superior cable routing, and the allen bolt will tighten to maintain headset adjustment. Available in 1", 1 1/4" and 1 1/2" diameters.

CLIFF HANGER

This cable hanger is forged from aluminum and has a deep drop for smoother cable routing. This model is designed for use with a threaded headset system. Available in 1", 1 1/4" and 1 1/2" diameters.



VECTOR

Our newest model, the Vector saddle uses the "Plus Rail" design that allows an additional 10mm of fore/aft adjustment to accommodate more riding positions. Special U.S. thermoplastic shell material was used to provide more flex and memory and eliminate the break-in period. It's narrow race profile allows for faster leg speed. Available with steel rails (280g). Titanium rails (210g).



CLINGON POCKET PROTECTOR

What will Tom think of next? How about this: A saddle cover with an integrated zippered pouch made with non-slip USA patented

Darlexx® material weighing half of separate saddle bags. The pouch has enough room for your CPR tool, a spare tube and a couple bucks for the road. Comes in two sizes for cut-away (Flite/VECTOR) or full-size (Turbo/LOGIC) racing saddles. (S - 28g, M - 30g)



LOGIC ProLiTE

This saddle uses the finest materials from Italy and is perfect for larger riders. Hand-crafted from the finest garment quality leather with tubular chromoly rails, medium density padding and the same race proven design as the Logic Pro WCS saddle. Very comfortable for long training rides. Available in black (235g).



VECTOR ProLiTE (tubular chromoly)

The heat-treated tubular chromoly rails offer strength and weight reduction. Same superior features as the Vector saddle, with lighter weight (230g).



LOGICPro WCS

A no-nonsense racing saddle that uses titanium rails and top quality leather. Ridden to numerous world championship titles (215g).

LOGIC (europe only)

This is an excellent replacement saddle that combines all the classic features of the Logic ProLiTE, at an affordable price. It uses top quality leather, medium density padding and steel rails. Available in black (315g).



EXPERT

An excellent seatpost at a reasonable price. No other seatpost offers the features, durability and quality of the Expert. The exclusive, non-rocking 40mm long clamp design holds your saddle securely.

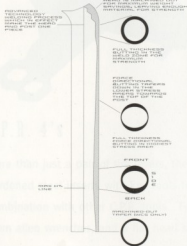
Mountain

26.2-27.2mm, 28.6-30.0mm O.S. Diameters
Diameters (250g)

Up to 350mm length avail.

Road

26.2-27.2mm Diameters (22og)
240mm length.



The Pro WCS seatpost is quad-buttressed with an oversized (M8) titanium clamping bolt to further reduce weight, and the pillar is hard anodized with a WCS platinum color finish to prevent scratching.

Mountain

26.4-27.2mm Diameters
(225g)

Up to 330mm length avail.

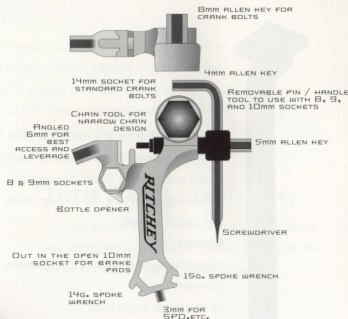
Road

26.4-27.2mm Diameters (195g)
230mm length.



LIGHTNING ROD™ SEATPOST QR

An extra-long 7075 alloy lever and stainless or titanium axle give you maximum leverage and minimum weight. Stainless (33g) Titanium (28g).



C.P.R. 14

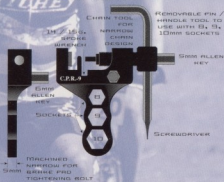
Smile. You can throw all your tools out and lighten your seatbag. This awesome tool is investment cast from heat-treated chromoly.

Features: 8/9/10 mm box wrenches, 14/15g. spoke wrench, 3/4/5/6/8mm allen wrenches, flat head screwdriver, 14mm crankbolt socket, narrow type chain tool, and a bottle opener. WHEW! (78g).



C.P.R. 9

You can't call "911" an hour out on your favorite trail. Rescue yourself! Made from top quality aluminum and hardened chromoly, the C.P.R. 9, features: 8/9/10 mm socket wrenches, 14/15g. spoke wrench, 4/5mm allen wrenches, and narrow type chain tool (46g). The lightest and most functional mini tool in the world.



Cold Forging

When it comes to Ritchey parts, Tom believes that how you make them is as important as how they work. Which is why the parts that take the most punishment are manufactured using the most effective process: Cold forging.

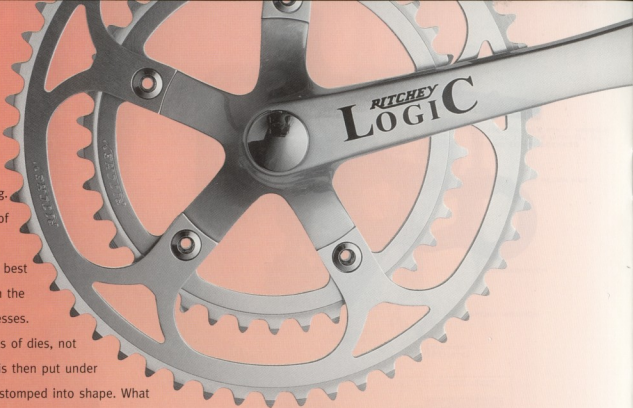
It all starts with good design. Years of experience and careful testing go into every component he makes. Then, the best materials; only high-quality alloys from the top suppliers. After that, it's to the presses.

Cold forging requires creating a series of dies, not an inexpensive proposition. The alloy is then put under as much as 800 tons of pressure and stomped into shape. What does that accomplish? Quite a bit.

Under all that pressure, the metal is compressed and then it is shaped in a series of steps, making it even stronger than the original material. Unlike CNC machined parts, cold forged components have an internal structure that has not been broken by machining, so they're also more resistant to fatigue failure.

With these factors working together, something else happens that riders love just as much: The stronger cold forged alloys allow us to use less material in the manufacturing process. Less material, lighter parts.

The result of all this is that Ritchey parts are incredibly strong, yet amazingly light. Cold forging isn't the easiest or least expensive way to go, by any means. It requires careful planning, smart design and the conviction that the product is as perfect as possible. But when you take components as seriously as Tom does, it's the only way to go.



LOGIC ROAD

A lightweight road crankset with a 110mm bolt pitch circle diameter (PCD). This feature gives you more choices to customize your drive train. Available in (170mm, 172.5mm, 175mm, 177.5mm, 180mm), 138mm Q-factor, 110mm PCD. Accepts chainrings with as few as 34 teeth (590g).

All logic cranksets are cold-forged for superior strength and feature a clean, "hidden pin" design that increases stiffness and reduces weight. Logic cranksets have the lowest "Q" factor (pedal spread) of any crank available. This feature keeps your legs better anatomically aligned for ergonomically efficient pedaling and produces greater cornering clearance. The left crank arm has a unique, reinforced axle area to increase strength during high impact landings. The super duralumin material is hand polished to a high quality satin finish found only on the world's best quality cranks.



LOGIC COMPACT

All the same features as the Logic Mountain, but with a low profile made to work with shorter BB axles and smaller chainrings for use with compact drive systems (94/58 PCD). The compact drive system is designed for lighter weight and faster shifting.
(170mm, 172.5mm, 175mm, 177.5mm, 180mm),
151mm Q-factor, 42/32/22t or 44/32/22t Supershift chainrings, 94/58mm PCD, (625g).



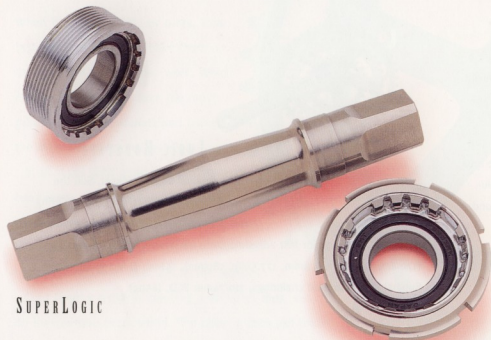
LOGIC MOUNTAIN

The original Logic crankset. Still the favorite of Team Ritchey. The chainring bolt patterns (110/74mm) match standard chainrings, allowing for fast adjustments to various racing conditions.
(170mm, 172.5mm, 175mm, 177.5mm, 180mm), 151mm Q-factor, 46/36/24t Supershift or standard chainrings, 110/74mm PCD, (650g).



LOGIC TANDEM

Our proven Logic design in a tandem version. Offers the same features as the other Logic cranksets. Available in (170mm and 175mm crank arm lengths), 151mm Q-factor, 54/38/26t chainrings with larger sizes available, 110/74mm PCD, (1,390g).



SUPERLOGIC

the spindle and increases its durability. Available with 68 x 107, 110, 113, 120mm Nichol-Chromoly(NiCrmo) spindles or 68 x 103, 107, 112, 119mm 6-4 Titanium spindles, bulged for torsional strength (158 grams, 103mm Ti), (214 grams, 107mm NiCrmo).

*Fixed and adjustable replacement bearings available separately



PROLITE

Separate sealed cartridge bearing design, alloy cups, and our superstrong hollow nickel-chromium steel or 6-4 titanium bulged spindles for serious weight reduction. Designed for both road and mountain bikes. Available in English threading with the same NiCrmo spindle lengths as SuperLogic or 68 x 107, 112, 119mm Ti spindles (149g, 110mm Ti), (198g, 107mm NiCrmo).

LOGIC PRO WCS

Outboard standard bearings and a nickel-chromium steel spindle for strength and durability. Alloy cups and titanium fixing bolts for lightweight. Available in English threading with 68 x 120, 123, 124.5mm spindle lengths (250g).



LOGIC COMP

A great economical replacement bottom bracket with outboard bearings to fit most bikes. A chromoly steel spindle is matched with steel cups and bolts. Available in English threading from 68 x 120, 123, 124.5mm spindle lengths (285g).



FuzzyLogic/Logic Threadless

Tom's latest headset design for threadless steering systems. It has more strength, more durability and better seals to protect the bearings and frame. Roller bearings (FuzzyLogic) or larger ball bearings (Logic) on the bottom displace shock impact, while smaller bearings are used on the top to minimize weight. (FuzzyLogic 1"-74g 1/4"-94g), (Logic 1" 88g 1/4"-104g).



Pro WCS

This lightweight threaded or threadless headset uses high-load needle bearings top and bottom for light-weight, durability and strength. The inverted top bearing is positioned to load forces the greatest distance from the head tube of the bike, providing for maximum strength and a lower stack height. Provides maximum strength and lowers stack height. The reinforced rubber seals keep out water and grit. Available in WCS platinum color finish (English threaded 1"-82g 1/4"-92g), (Threadless 1" 70g 1/4"-85g).



Logic COMP

The innovative design of the Logic headset allows for increased strength and weight saving. Oversized 3/16" lower bearings are used to increase impact strength, while standard 1/8" bearings are used on top to minimize weight. Bearing seals are used to keep dirt and water out. Available in English threading. (1"-110g)

Logic Expert

With all the features of the Logic Comp but with an inverted top bearing, the Logic Expert headset is a popular economical upgrade. Available in English threading. (1"-130g 1/4"-140g, 1/4"-150g)

Z-MAX



Lightweight and supple with low rolling resistance. Great braking and cornering. Best overall tire for front and rear use. Sizes: 26 x 1.7, 26 x 1.9, 26 x 2.1, 26 x 2.35, 24 x 2.0, 20 x 1.75, 20 x 2.0

Z-MAX SC



Best performance in extremely loose, sandy, or muddy conditions. Front and rear use for cross-country and downhill racing. Sizes: 26 x 1.9, 26 x 2.1

ALFA BITE SC



A more squared off design with stiff side knobs enhance cornering and braking. All conditions. Especially effective as a front tire with an OmegaBite rear. Sizes: 26 x 1.9, 26 x 2.1

OMEGA BITE



A climbing tool, this rear specific tire will keep you connected to the trail. The semisquared profile, with widely spaced lugs, sheds mud in the most severe conditions. Sizes: 26 x 1.9, 26 x 2.1

OMEGA BITE DH



Optimized for braking, the OmegaBite DH's reversed traction bar becomes a downhill's "braker bar." Downhill competition use, directional. Size: 26 x 2.1

ALFA BITE MONDO



The same debris and crud squirting, tread pattern as the AlfaBite SC, but in an enormous size for maximum impact protection. Great for front when matched with OmegaBite DH rear. Size: 26 x 2.35

ALFABITE TRAILMIX



A fast tire with low rolling resistance for hard packed trails and mixed terrain. The connected center knobs keep more of your energy in your legs. Front and rear use. Sizes: 26 x 1.9, 26 x 2.1, 700c x 35c, 700c x 40c

MADMAX



A tire for insane conditions. Z-Max inspired, super open design for the worst conditions you can dream up. When other tires clog up and bog you down, this one will pull you through. Size: 26 x 2.1

CLIMBMAX



The staggered center gap cleans mud and has great lateral control for carving the most severe turns. Sizes: 26 x 1.95, 26 x 2.1

CROSSBITE



Bite the trail or the asphalt. The Cross Bite's inverted jaws are set inside a smooth profile to give you traction on the dirt and road. Sizes: 26 x 1.1, 26 x 1.4, 26 x 1.9, 700c x 38c

TOMSLICK/ROADFORCE



Fast rolling slick. Parabolic traction sipes shed water and keep you in control. Long wearing rubber compound mated to a light and supple casing. Sizes: 26 x 1.0, 26 x 1.4, 700 x 20c, 700 x 24c, 700 x 28c, 700c x 38c,

MOBYBITE



Originally designed for riding Moab's "slick rock trail" in Utah, the MobyBite became a hit on rough city streets. Also considered the ultimate cruiser tire. Size: 26 x 2.1

All Ritchey ROCK rims are Built from super strong 6061 T-6 alloy; with a bullet-proof triple-box cross-section design for extra lateral strength, stainless eyelets or reinforced spoke holes to prevent pull-throughs, ample section depth for easy tire removal, and a tall and thick braking surfaces.

ROCK • 395 E



The ultimate lightweight rim designed for pure racing use. Use front and rear for cross-country races for lightweight riders, or for use in front for medium weight riders.

ROCK • 415 E



This durable workhorse rim is standard equipment on Team Ritchey's winning bikes. If you want a rim that you can race hard with, and not worry about truing all the time, then this is your choice.

ROCK • 440



A great all-purpose rim for racing and loaded mountain bike touring applications.

ROCK • SC



If you ride aggressively any chance you get, you need these rims. Thicker walls and eyelets provide more durability.

ROCK • 450CE



Designed for hybrid/cross bikes or touring. A 700C version of the strong and durable ROCK 415E.

ROCK • 490 C



Our toughest model available for hybrid/cross and touring bikes. A 700 version of the strong yet economical ROCK 440.

ROCK • SCX



These rims ought to be required equipment on any suspended bike. From wicked downhill to easy-riding flats, these 23 mm wide have extra lateral strength.

ROCK Rim Sizes

MODEL	DIAMETER	EYELETS	HOLES	WEIGHT	WIDTH
ROCK 395E	26"	YES	28, 32, 36	395g	22mm
ROCK 415E	26"	YES	32, 36	415g	22mm
ROCK 440	26"	NO	32, 36	440g	22mm
ROCK SC	26"	YES	32, 36	440g	22mm
ROCK SCX	26"	NO	32, 36	460g	23.5mm
ROCK 450CE	26", 700C	YES	32, 36	450g	22mm
ROCK 490C	26", 700C	NO	32, 36	490g	22mm

VANTAGE Rim Sizes

MODEL	DIAMETER	EYELETS	HOLES	WEIGHT	WIDTH
VANTAGE PRO WCS	26"	NO	28, 32, 36	395g	23mm
VANTAGE COMP	26", 24"	NO	32, 36	415g	23mm
VANTAGE SPORT	26", 24"	NO	32, 36	495g	25mm



Steeped in racing heritage, this rim has been ridden to 3 world championships and 3 World Cup championships by Team Ritchey. A non-eyeteled rim built with double wall rim construction, and deep aerodynamic profile for strength and speed.



The same functional design as the Vantage Pro WCS model, but with 20 extra grams for a medium weight rider a more aggressive riding style. A non-eyeteled rim built with double wall rim construction and deep aerodynamic profile for strength and speed.



A good replacement rim for general riding conditions. Its non-eyeteled, built with single wall construction and a "V" profile for strength and speed.



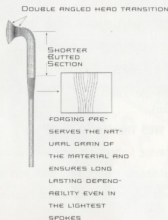
The lightest aerodynamic rim available! You cannot find a road rim with greater strength-to-weight ratio than this. The semi-narrow cross-section and generous size braking surface make this a great racing rim. Available in 700C and 26" (ISO 571).



These road rims utilize the construction of the successful Vantage mountain bike rims. A durable road rim built for thousands of training miles.

LOGIC SPOKES

It takes more than pulling wire and rolling threads to make a great spoke. You need strength and durability. Ritchey Logic spokes are forged, not drawn, from the finest quality Swedish stainless steel. The condensed butts and longer butting transitions reduce weight. The inward forged TR logo and double angle head transition reduce stress and breakage.



Road Rim Sizes

MODEL	DIAMETER	EYELETS	HOLES	WEIGHT	WIDTH
VANTAGE PRO AERO (ROAD)	700C, 26"	NO28, 32, 36		(395g)	19mm
26"				(360g)	19mm
VANTAGE COMP ROAD	700C, 26"	YES	32, 36	(420g)	20mm
26"				(380g)	20mm

TUBES

WCS Butex Tubes

The WCS tube is made of a special latex and butyl compound. A pair of WCS tubes will save nearly 100 grams of rotating weight per wheelset.

Super-Lightweight Butyl and Lightweight Butyl

Choose our standard lightweight tubes for all purpose riding, or the new Super-lightweight tubes when every gram counts.



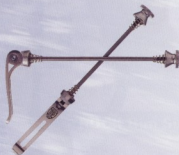
QR SKEWERS

Lightning Rods™ Stainless Skewers

What you really want from a quick release skewer is function and lightweight. Lightning Rods™ have a smooth quick release action and long lever. The cam seat is made from low friction Derlin and the skewer from high quality stainless steel. Designed for road and mountain bikes and available in black (110g/per pair).

Lightning Rods™ WCS Titanium Skewers

If you're really shaving ounces off your bike you should have these. The same functions as the stainless model, only with less weight. Designed for road and mountain bikes and available in anodized Ti silver finish (78g/per pair).



PRO WCS RIM TAPE

It sure is hard to get excited about rim tape. Once you strap it on the rim it's hidden and forgotten. That is until your rim strip cracks or floats around leaving you unprotected. Tom's solution was to create Pro WCS rim tape, an incredibly thin yet tough adhesive backed woven polyester rim strip.

It only adds 3 grams to your rotating weight. Wrap your road wheels twice to due to the high air pressure.



BOOMBOX TIREPATCH KIT

BOOM... now you need Ritchey's all in one BoomBox patchkit. Just grab it and use it as a tire lever or open it up to double your prying power and use the glue and patches inside (62g).

ELITE WHEELSET



One of the most effective places to upgrade your bicycle's performance is by adding a set of light and durable wheels. The combination of Ritchey tires, rims, spokes, rim tape and quick release skewers can cut

nearly a pound of rotating weight from your bike. Ritchey's handbuilt Elite wheelsets were previously only available to Team Ritchey and Ritchey sponsored athletes. Now available from your professional mountain bike dealer.

On a Ritchey bike you're seeing and feeling Tom's quest for the best parts in the world. That's why, for the past 23 years when the parts he wanted didn't exist, he designed and made his own. They're lightweight and durable, but more importantly for Tom, they're built to a level of quality that satisfies the pickiest frame-builders.

Lightweight Seat Collar

This is the same precision machined chromoly reinforcing collar used on all Ritchey frames. Need we say more? Length: 48mm, Seat Tube Insertion: 7.5mm, Seat Post Diameter: 27.0mm (62g).

Lightweight BB Shell

High-quality chromoly construction, 2.1mm wall-thickness... The perfect balance of durability, rigidity and low weight. (108g with holes)

Seat Binder

Specially machined to fit the Lightweight Seat Collar. Recessed design accepts M6 x 25mm bolt. (38g)

Cable Guides

Small and smart. Full-slotted for easy cable maintenance (4g each)

LOGIC Dropouts

Cold Forged for strength, designed for efficiency. Derailleur hanger helps crisp shifting and fast wheel changing. Available in the original design with angles of 53, 62, 74° (120g, pair), or our new offset design with angles of 45°, 53°, 62°, for maximum chain clearance.

LOGIC COMPACT SOCKET DROPOUTS

Superlight and strong investment cast chromoly with plenty of offset. Used on Ritchey's lightest bikes and available to your favorite frame builder. 54, 62 and 72° Angles Available. (67g)

LOGIC ROAD FORK

The lightest, most durable and resilient fork available. Ritchey's LOGIC road fork utilizes the elegance of investment casting, superior materials and craftsmanship that only Tom demands. The unique tubular thin-wall, low profile investment cast chromoly crown is available separately (100g) and provides plenty of tire clearance. Super strong Logic fork blades and investment cast fork ends deliver precise steering control. (580g)





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parts distributor. If you are
unable to locate a Ritchey dis-
tributor, contact your nearest
Ritchey office.

RETAIL CUSTOMERS
Quality Ritchey Components
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replacement parts in per-
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Championship Series, WCS, Formula, SuperLight, TrailMix, CliffHanger,
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Magellan, Vector Force Analysis, LightningBolt, Vantage, Profile, Affinity,
Hudline SC, Hudline Mami, Conclude, Conclude, MudBudd, TrailMix,
Severe Condition, ZMax, ZMax SC, OmegaLine, OmegaLine DH.