

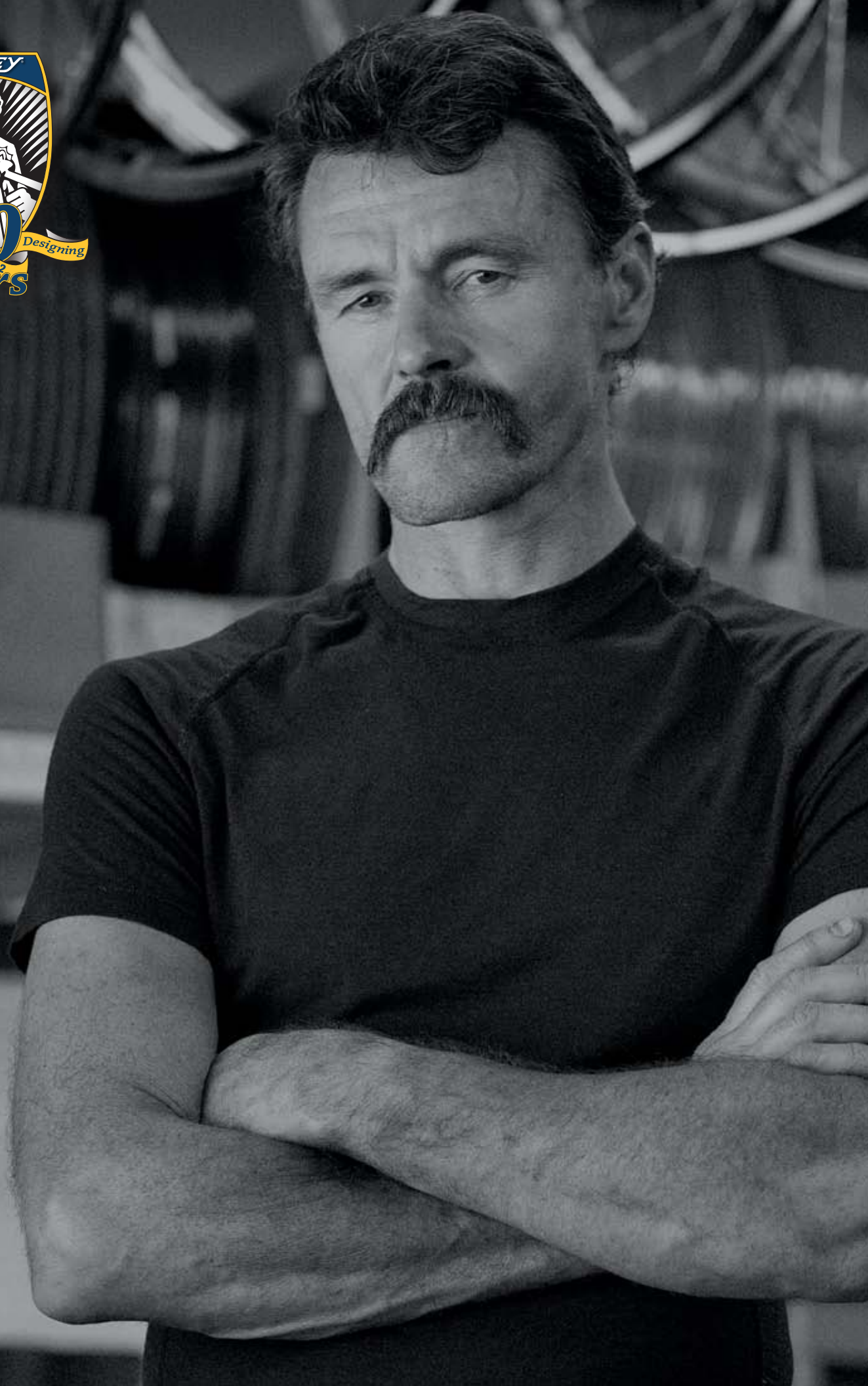
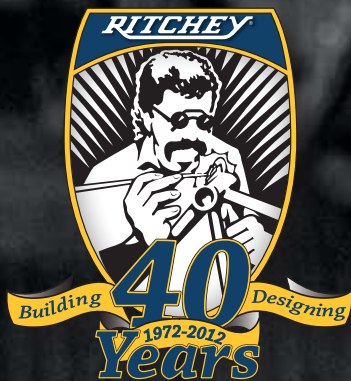


*Celebrating 40 Years of  
Ritchey Handcrafted Frames*

**RITCHEY®**

2013 DEALER CATALOG







*Celebrating 40 Years of  
Ritchey Handcrafted Frames*

# CELEBRATING 40 YEARS OF RITCHEY FRAMES

In 1972 I BUILT MY FIRST FRAME, in the family garage. At just 15 years old, I wasn't trying to reinvent the bicycle industry, I just wanted a bike that was better than what was currently available. But that frame was the start of something huge.

In the 40 years to follow I brought key innovations not only to framebuilding, but also wheels, components, tires and practically every part of the modern racing bicycle. Bikes have changed a lot in the past four decades but I firmly believe that the cornerstones of the ideal bike remain the same: a great frame that fits well, a lively feel, and a balance between durability and weight.

These things have been at the top of my list with every frame and component I've designed, from the first frame I built 40 years ago, to my new designs you'll see for 2013.

I'm Tom Ritchey.

And this ride is far from over.



Cover: Tom Ritchey / Cape Epic / Photo: Sarah Haropp

## CONTENTS

NEW FOR 2013	4
ROAD LOGIC® FRAME	6
P-27.5 (650B) FRAME	7
SWISSCROSS FRAMESET	8
P29ER FRAME	9
BREAK-AWAY® TI/CARBON ROAD	10
DOUBLE SWITCHBACK BREAK-AWAY® TANDEM	11
BREAK-AWAY® FRAMES	12
STEMS	14
ROAD BARS	24
MOUNTAIN BARS	30
BAR ENDS	37
SEATPOSTS	38
SADDLES	44
MOUNTAIN WHEELS	48
ROAD WHEELS	50
TIRES	56
TUBELESS ACCESSORIES	58
HEADSETS	59
PEDALS	62
ROAD FORKS	64
CROSS/MTN FORKS	65
GRIPS & ACCESSORIES	66

## COMPONENT LEVELS



Featuring the most advanced materials and technology currently available in the bicycle industry.



WORLD CHAMPIONSHIP SERIES – The gold standard for lightweight, durable racing parts. Cutting edge design and proven materials make WCS the obvious choice for Ritchey's professional teams.



Top-level performance at privateer prices. PRO benefits from the trickle-down of many designs and innovations found in WCS.



COMP level components bring Ritchey's race-proven designs down to a price weekend warriors can appreciate.

# NEW FOR 2013



## ^ SUPERLOGIC GROUP

All-new C260 Carbon stem with incredible stiffness-to-weight ratio. Sleek new matte UD finish on all 2013 Superlogic components matches many high-end bikes.







## ^ TRAIL GROUP

Finally — legendary Ritchey performance and reliability for the modern 5-inch travel trail bike. Wider bars, longer posts, and beefy zero-rise stem designed for trail riders by Tom Ritchey, the original trail rider.



## << 27.5/650B GROUP

Tom Ritchey built his first 650B bike in 1979. Now that the bike industry has finally seen the merit of the 27.5-inch wheel, Ritchey is among the first to offer tires, wheels, fork and a frame in what may become the new standard.

# FRAMES

## ROAD LOGIC®



Tom Ritchey built his first road frame 40 years ago in his parent's garage, and went on to bring numerous innovations to the craft. The 2013 Road Logic carries many of the subtleties and details gleaned from Tom's vast experience with steel frames.

Destined to be a modern classic, Tom designed an all-new, heat-treated and triple-buttressed Ritchey Logic tubeset for the new Road Logic, featuring aggressively short-buttressed sections optimized for TIG welding that save weight and improve ride quality. Ritchey's proprietary forged-and-machined integrated head tube uses standard drop-in bearings and saves 80 grams over a standard head tube design.

With room for 700x28c tires and classic Ritchey geometry, the Road Logic is ideally suited for long, epic days in the saddle on roads that are not always paved, and still nimble and stiff enough to take the county line sprint at the end of the day.

SIZE: 49, 51, 53, 55, 57, 59cm

WEIGHT: 3.9lbs (55cm)

Painted to match Ritchey Carbon fork and WCS headset included

Frame Size (cm)	49	51	53	55	57	59
Head Tube Length	100	115	140	160	180	200
Top Tube (actual)	510	524	536	548	563	578
Top Tube (effective)	518	532	545	560	575	590
Seat Tube Length	465	485	515	525	545	565
Seat Tube Angle	75°	74.5°	74°	73.5°	73.5°	73.5°
Head Tube Angle	72°	72.5°	73°	73.5°	73.5°	73.5°
Chainstay Length	410	410	410	410	410	410
Post Diameter	27.2	27.2	27.2	27.2	27.2	27.2





## P-27.5



This is the *second* version of a 650b mountain bike from Ritchey—Tom started to design his first in 1977. Even back then, Tom had a feeling that there was an advantage to the ‘middle’ wheel size, but it took the rest of the cycling world three decades to figure it out: a 650b (or 27.5 inch) wheel provides the bump-eating smoothness of a 29er, with the light, responsive feel of 26" wheels. Finally, the era of the 650b wheel is here.

The P-27.5 is a close relative to the P-29er. Up front there's the proprietary forged-and-machined, gram-shaving integrated head tube featured on all new Ritchey frames. Forged socket dropouts and new chainstay-mounted rear disc brake mount save a few more grams.

And like every frame we make, geometry and tubing is carefully fine-tuned by Tom, to bring the legendary balanced, nimble Ritchey feel to 27.5 wheels.

SIZES: 15, 17, 19, 21"

WEIGHT: 4.47lbs (M)

FORK: Designed for use with 100mm travel forks

Frame Size	15"	17"	19"	21"
Head Tube Length	100	115	130	150
Top Tube (actual)	560.3	571.8	589.5	611.3
Top Tube (effective)	580	595	615	635
Seat Tube Length	381	431	483	533
Seat Tube Angle	73.5°	73.5°	73°	73°
Head Tube Angle	69.5°	70°	70°	70°
Chainstay Length	432	432	432	432
Post Diameter	27.2	27.2	27.2	27.2

SWISS CROSS™



Many Ritchey-sponsored mountain bike champions were also cyclocross champions—Thomas Frischknecht , Henrik Djernis and Don Myrah to name a few. And though they were paid to race Ritchey mountain bikes, they often wanted a Ritchey cyclocross bike to race in the winter.

This ultimately resulted in another iconic Ritchey model—the SwissCross. And for 2012 the SwissCross is back, and better than ever.

We started with the same forged-and-machined integrated head tube design found on the P-29er—80 grams lighter than a standard 1 1/8" head tube and just as strong—a design which also provides much-needed shouldering room at the head tube.

Tubing is an all-new triple-butt, heat treated steel designed to Tom's specifications for a classically lightweight, compliant yet tough-as-nails frame. Geometry has been updated to reflect what cross riders want: race-ready handling and responsiveness that's still versatile enough to serve as a capable all-around rough road/trail bike.

Tire clearance? Plenty. The SwissCross is designed with cross racing in mind, after all. But with two bottle cage mounts, the SwissCross is perfect for long mixed rides in the off-season.

SIZES: 49, 51, 53, 55, 57, 59cm

WEIGHT: 5.18lbs including fork (55cm)

Painted to match Ritchey WCS Cross fork and WCS headset included



Ritchey WCS Cross fork and headset with integrated cable hanger included.

Frame Size (cm)	49	51	53	55	57	59
Head Tube Length	100	115	130	150	170	190
Top Tube (actual)	503	513	527	540	553	564
Top Tube (effective)	515	527	540	555	568	580
Seat Tube Length	460	475	495	515	535	555
Seat Tube Angle	74.5°	74°	74°	73.5°	73.5°	73°
Head Tube Angle	71°	71.5°	71.5°	72°	72°	72°
Chainstay Length	425	425	425	425	425	425
Post Diameter	27.2	27.2	27.2	27.2	27.2	27.2





## P-29ER™



The forged and machined integrated headtube uses standard 1 1/8" steer tubes and Ritchey drop-in headset bearings, but narrows to 32mm at the thinnest section—almost the size of a 1-inch steer tube. It's a stronger design that allows for an 80 gram weight reduction over a traditional 1 1/8" steer tube design. It also makes for a stronger front triangle.

The return of the legendary Ritchey Mountain Bike. Tom Ritchey applied decades of racing, designing and building steel mountain bikes into a new model—the P-29er.

Like any Ritchey, this bike is born to go fast without sacrificing comfort or durability. Heat-treated, triple-buttressed Ritchey Logic II tubing in our own unique butting profiles results in a frame that balances rough trail compliance with sprint-winning stiffness.

The 29er-specific geometry was defined by the best way we know: countless hours of saddle time under Tom Ritchey, World Cup legend Thomas Frischknecht and other racers. The result: nimble handling that captures the benefits of the big wheels, stable but not sluggish, equally at home on all-day epics or tight, technical singletrack race courses.

The instantly-recognizable tri-color fade is a tribute to the classic Ritchey P-series racing mountain bike.

**SIZES:** 15, 17, 19, 21"

**WEIGHT:** 4.74lbs for frame/dropouts (Size: L)

**FORK:** Designed for use with 100mm travel forks



Tange Slider dropouts. Gears? Singlespeed? Your call.

Frame Size	15"	17"	19"	21"
Head Tube Length	90	100	115	130
Top Tube (actual)	560	571	589	611
Top Tube (effective)	580	595	615	635
Seat Tube Length	380	431	483	533
Seat Tube Angle	73°	73°	73°	73°
Head Tube Angle	69.5°	70°	70°	70°
Chainstay Length*	447	447	447	447
Post Diameter	27.2	27.2	27.2	27.2

\*Adjustable

# BREAK-AWAY®

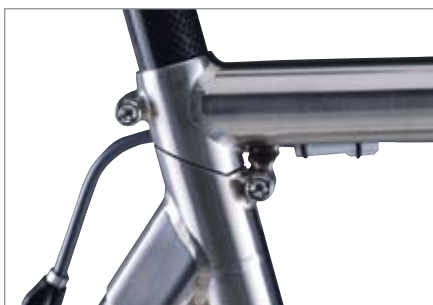
Take the legendary and inspiring ride quality of a hand-built Tom Ritchey bicycle and add a revolutionary coupling system that allows you to pack it and travel around the world with ease. The result? The ultimate full-size travel bike, the Ritchey Break-Away.

The Break-Away design uses a clever double-clamp at the seatpost and a patented compression coupling system at the downtube, adding only 100 grams to the frame's total weight, yet it rides (and looks) like a standard frame.

The frame quickly disassembles (cable disconnects are included) and packs into a case that measures a scant 9"x26"x29" (23x66x73.5cm). Small enough to fly free on many airlines.

## TI/CARBON BREAK-AWAY® ROAD FRAME

- » Custom drawn 3/2.5 aerospace grade titanium tubing with road-smoothing high modulus carbon rear triangle
- » Bead blasted graphics
- » 4.2lbs frame/fork (56cm); builds up to 15.3lbs with SuperLogic and SRAM Red
- » WCS carbon fork and headset included



Patented locking system joins seat tube and top tube.



Patented compression coupling system joins front and rear triangles near the bottom bracket shell. Quick-Disconnect cable adaptors included.



The Break-Away Bike disassembles and assembles in minutes. (Travel case included with all models.)

**FACT:** Tom developed the Break-Away as a means to transport a full-size bike while he was learning to fly ultralight planes.



## DOUBLE SWITCHBACK BREAK-AWAY® TANDEM



Tom Ritchey and his wife Martha have been spotted riding a mythical Break-Away tandem through the Italian Alps and the hills of Santa Barbara. And after more than 5 years of 'field testing' all over the world, Tom is finally ready to offer the Double Switchback to the public.

Based on the proven Ritchey Break-Away design, the Double Switchback packs enough lateral stiffness for two, and maintains a stable, predictable. And of course it disassembles for travel in minutes via three couplers and a seat tube/post joint.

It's also two bikes in one. With 650b mountain wheels, the Double Switchback is a capable off-road rig, but the geometry is dialed to also accept 700c road wheels and tires.

Two riders, road or mountain, anywhere in the world, all on one bike: the Double Switchback Break-Away, only from Ritchey.

SIZES: S, L

FORK: Ritchey Logic® tandem steel disc brake, 1 1/8"



Frame Size	S	L
Head Tube Length	140	190
Top Tube (actual-captain)	562	576
Top Tube (effective-captain)	575	593.8
Top Tube (effective-stoker)	710	710
Seat Tube Length (captain)	545	570
Seat Tube Length (stoker)	435	435
Seat Tube Angle	73°	73°
Head Tube Angle	71.5°	71.5°
Chainstay Length	435	435
Axle-Crown	400	400
Fork Rake	47	47
Post Diameter	27.2	27.2

BREAK-AWAY® ROAD FRAME

- » Custom butted, heat treated Ritchey CrMo steel tubing
- » New larger 1 3/8" downtube
- » 5.2lb frame/fork (56cm)
- » Ritchey Pro carbon fork and headset included



BREAK-AWAY ROAD FRAME GEOMETRY  
(TI/CARBON AND STEEL FRAMES)

Frame Size (cm)	48	50	52	54	56	58	60
Top Tube ( Effective)	52.2	53	54	55	56	57.5	59
Seat Tube (C to top)	46	48	48	48	54	54	54
Seat Tube Angle	75°	75°	75°	73.5°	73.5°	73.5°	73.5°
Head Tube Angle	72°	72.5°	73°	73.5°	73.5°	73.5°	73.5°
Bottom Bracket Drop	72	72	72	70	70	70	70
Chainstay	41	41	41	41.5	41.5	41.5	41.5
Wheelbase	98	98.1	98.7	98.5	99.5	101.4	102.5
Post Diameter	27.2	27.2	27.2	27.2	27.2	27.2	27.2



## TI BREAK-AWAY® CROSS FRAME

- » Custom drawn 3/2.5 aerospace grade titanium tubing
- » Bridgeless chainstays for increased tire clearance
- » Rack eyelets
- » Bead blasted graphics
- » 4.4 lbs frame/fork (56cm)
- » WCS Cross fork and headset included



## BREAK-AWAY® CROSS FRAME

- » Custom butted, heat treated Ritchey CrMo steel tubing
- » New larger 1 3/8" downtube
- » Rack eyelets
- » 5.9lb frame/fork (56cm)
- » Ritchey Pro Cross fork and headset included



### BREAK-AWAY CROSS FRAME GEOMETRY (TITANIUM AND STEEL CROSS FRAMES)

Frame Size (cm.)	48*	50	52	54	56	58	60
Top Tube ( Effective)	51.5	52.2	53	54	55.5	57	58
Seat Tube (C to top)	48	50	50	50	56	56	56
Seat Tube Angle	74°	74°	74°	73.5°	73.5°	73.5°	73.5°
Head Tube Angle	71.5°	71.5°	71.5°	72°	72°	72°	72°
Bottom Bracket Drop	65	65	65	65	65	65	65
Chainstay	42.5	42.5	42.5	42.5	42.5	42.5	42.5
Wheelbase	98.3	99.1	99.9	101	101.6	103	102.5
Post Diameter	27.2	27.2	27.2	27.2	27.2	27.2	27.2

\* 48CM CROSS FRAME ONLY AVAILABLE IN STEEL

SUPERLOGIC C260° STEM NEW

Ritchey's first full-carbon stem was designed to meet the needs of high-wattage European Classics specialists.


The Carbon C260 adds to the amazing strength-to-weight ratio of our C260 alloy and Carbon Matrix stems through the use of high modulus carbon fiber, increased boom diameter and a wider clamp.

Gram for gram this is the stiffest, most advanced Ritchey stem ever.

- » C260 bar clamp creates a larger stem-to-bar interface, drastically reducing bolt stress.
- » Radius steer slot with opposing bolts to dissipate stress evenly across lightweight steer tubes.
- » Available in 90-130mm lengths
- » 84/6 degree angle
- » Matte UD carbon fiber finish
- » 125g (110mm)



INSTALLS WITHOUT REMOVAL OF LEVERS

SUPERLOGIC C260 STEM	MATERIAL / CONSTRUCTION	FACEPLATE WIDTH	BOLTS	STEERER	STEERER HEIGHT	BAR	ANGLE	LENGTH	WEIGHT	FINISH
	Carbon w/2014 faceplate	40	T-20 Torx CrMo	1 1/8"	42	31.8	84/6°	90, 100, 110, 120, 130mm	125g	Matte UD Carbon w/Wet Black faceplate



## WCS C220 TRAIL STEM NEW

The first Ritchey stem specifically designed for today's 5-6" travel trail bikes using wide bars.

More than just a beefed-up version of our other stems—for the WCS Trail stem we revised the patented C260 clamp to a 220-degree version that fits a wider variety of riser bar bends and still packs a dramatic increase in stiffness and strength over competitor's designs.

- » 3D Forged 2014 alloy for superior strength and lightweight
- » 220 degree, extra-wide bar clamp improves stiffness and fits most riser bars
- » Zero rise
- » Ritchey Blatte finish
- » 115g (70mm)



INSTALLS WITHOUT REMOVAL OF LEVERS

TRAIL STEM	MATERIAL / CONSTRUCTION	FACEPLATE WIDTH	BOLTS	STEERER	STEERER HEIGHT	BAR	ANGLE	LENGTH	WEIGHT	FINISH
	3D Forged 2014	40	SS	1 1/8"	45	31.8	0°	60, 70, 80, 90, 100, 110mm	115g	Blatte

[Weight shown for 70mm extension.]

# STEMS

## WCS C260° STEMS

**At 103 grams this is lightest, most advanced alloy stem in the Ritchey line, and possibly the world.**

This revolutionary patented design starts with a bar clamp that wraps a full 260 degrees around the handlebar to distribute clamping stress more evenly through the handlebar, faceplate, hardware and stem body. The steer tube clamp uses three bolts and a curved slot to reduce clamp stress on the steer tube.

The body is 3D forged from an advanced 7050 aluminum and internally machined for further weight reduction. Premium quality CrMo steel bolts are used throughout, but in a smaller T-20 TORX size that shaves a few more grams with no sacrifice in strength or rigidity.

The resulting CEN-approved stem is 20 grams lighter and even stiffer than our already stiff and lightweight 4-Axis.

- » 3D forged and internally machined 7050 alloy body
- » 4 x T-20 TORX faceplate bolts and patented 260 degree bar clamp design reduces weight, increases stiffness and distributes stress more evenly
- » 3 x T-20 TORX steer tube bolts and curved clamp slot reduces weight and steer tube stress
- » 5Nm torque max on all hardware
- » 30% stiffer than Ritchey's legendary WCS 4-Axis and 20 grams lighter
- » Fits most road and mountain bars
- » Installs without removal of levers

**FACT:** Tom Ritchey has been building stems for almost 40 years, including some threadless-type designs dating back to the 70's.



WET BLACK



WET WHITE



WET RED



BB BLACK

## WCS CARBON MATRIX C260° STEM

- » Revolutionary C260 alloy forging with Ritchey Matrix™ structural carbon exoskeleton to enhance stiffness
- » 14% stiffer than the WCS alloy C260
- » Installs without removal of levers



### C260 DETAILS



C260 FACEPLATE



C260 CURVED  
CLAMP SLOT



C260 TOP VIEW

INSTALLS WITHOUT REMOVAL OF LEVERS

**MATRIX**  
CARBON ALLOY

**260°**

C260 STEM	MATERIAL / CONSTRUCTION	FACEPLATE WIDTH	BOLTS	STEERER	STEERER HEIGHT	BAR	ANGLE	LENGTH	WEIGHT	FINISH
<b>RITCHEY CARBON</b> <b>WCS</b>	3D Forged 7050/ Carbon Encased	36	T-20 Torx CrMo	1 1/8"	42	31.8	84/6°	70, 80, 90, 100, 110, 120, 130mm	113g	UD Carbon
<b>WCS</b>	3D Forged 7050	36	T-20 Torx CrMo	1 1/8"	42	31.8	84/6°	70, 80, 90, 100, 110, 120, 130mm	103g	BB Black, Wet Black, Wet White, Wet Red

[Weights shown are for 100mm extension.]



## WCS CARBON MATRIX 4-AXIS™ STEM

**4-AXIS:** Tom's original 4-Axis stem changed stem design forever. From the stress-managing forged faceplate and bolt spacing and angled steer tube slot to the now-ubiquitous 3D net forging process, the 4-Axis is still the standard in lightweight, stiff and strong stems.

- » 4-Axis alloy forged core with Ritchey Matrix™ structural carbon exoskeleton to enhance stiffness by 12% over the standard 4-Axis
- » Taper head titanium bolts



WCS (UD)

**MATRIX**  
CARBON ALLOY

**CARBON**  
**4**  
**AXIS**

CARBON 4-AXIS STEM	MATERIAL / CONSTRUCTION	FACEPLATE WIDTH	BOLTS	STEERER	STEERER HEIGHT	BAR	ANGLE	LENGTH	WEIGHT	FINISH
<b>RITCHEY CARBON</b> <b>WCS</b>	3D Forged 2014/ Carbon Encased	40	Ti	1 1/8"	42	31.8	84/6°	90, 100, 110, 120, 130mm	120g	3K Carbon, UD Carbon
4-AXIS STEM	MATERIAL / CONSTRUCTION	FACEPLATE WIDTH	BOLTS	STEERER	STEERER HEIGHT	BAR	ANGLE	LENGTH	WEIGHT	FINISH
<b>WCS</b>	3D Forged 2014	40	SS	1 1/8"	42	31.8	84/6°	60, 70, 80, 90, 100, 110, 120, 130, 140mm	118g	BB Black, Wet Black, Wet White
<b>WCS</b>	3D Forged 2014	40	SS	1 1/8"	42	31.8	73/17°	90, 100, 110, 120, 130mm	120g	BB Black
 <i>Classic</i>	3D Forged 2014	40	SS	1 1/8"	42	31.8	84/6°	90, 100, 110, 120, 130mm	118g	HP Silver
4-AXIS 44 STEM	MATERIAL / CONSTRUCTION	FACEPLATE WIDTH	BOLTS	STEERER	STEERER HEIGHT	BAR	ANGLE	LENGTH	WEIGHT	FINISH
<b>WCS</b>	3D Forged 2014	44	SS	1 1/8"	42	31.8	84/6°	70, 80, 90, 100, 110, 120, 130mm	130g	Wet Black
<b>WCS</b>	3D Forged 2014	44	SS	1 1/4"	42	31.8	84/6°	80, 90, 100, 110, 120, 130mm	130g	BB Black

## WCS 4-AXIS STEM

» 3-D Net forged 2014 alloy stem body



WET BLACK



WET WHITE



BB BLACK



CLASSIC  
HP SILVER

## WCS 4-AXIS 44 STEM

» Wider 44mm faceplate boosts stiffness  
for Ritchey-sponsored sprinters.

**NEW**

1 1/4" STEER TUBE VERSION



WET BLACK 44

**FACT:** The process used to create our Wet finishes is tougher than normal paint. It's derived from baseball bat coatings and specially formulated to be durable and chip resistant.

PRO STEMS

Pro caliber features at a real-world racer price. Pro stems use the same design as WCS, but are forged from 6061 aluminum instead of the more exotic 7050 and 2014 alloys

- » 4-Axis faceplate and bolt spacing distributes clamping force and reduce stress on lightweight bars
- » Angled steer tube clamp slot reduces stress on carbon steer tubes
- » 3D net forged 6061 aluminum



4-AXIS 44 PRO CARBON (3K)



4-AXIS 44



30D



PRO STEM	MATERIAL / CONSTRUCTION	FACEPLATE WIDTH	BOLTS	STEERER	STEERER HEIGHT	BAR	ANGLE	LENGTH	WEIGHT	FINISH
<b>RITCHHEY CARBON PRO</b> 4-Axis 44	3D Forged 6061/ Carbon Encased	44	SS	1 1/8"	42	31.8	84/6°	90, 100, 110, 120, 130mm	145g	3K Carbon w/ Wet Black Faceplate
<b>PRO</b> 4-Axis 44	3D Forged 6061	44	SS	1 1/8"	42	31.8	84/6°	90, 100, 110, 120, 130mm	130g	BB Black
<b>PRO</b> 30D	3D Forged 6061	40	SS	1 1/8"	45	31.8	30°	60, 70, 80, 90, 100, 110, 120mm	155g	BB Black



## COMP STEMS

- » 3D-Net Forged 6061 alloy construction
- » Angled steerer clamp helps prevent damage to lightweight aluminum and carbon steerer tubes
- » Stainless steel bar and steerer clamp bolts
- » 30 Degree rise and shorter length provide more fitting options



4-AXIS (BB BLACK)





30D (BB BLACK)

## ADJUSTABLE STEMS

- » +40/-32 degree range of height adjustment
- » Precision 3D-Net shaped forged shaft interconnects with a precision broached clamp to create the strongest, lightest, most secure adjustable stem available
- » Stainless steel bar and steerer clamp bolts



STEM	MATERIAL / CONSTRUCTION	FACEPLATE WIDTH	BOLTS	STEERER	STEERER HEIGHT	BAR	ANGLE	LENGTH	WEIGHT	FINISH
 4-Axis	3D Forged 6061	42	SS	1 1/8"	42	31.8	84/6°	80, 90, 100, 110 120, 130mm	160g	BB Black
 30D	3D Forged 6061	40	SS	1 1/8"	45	31.8	30°	60, 70, 80, 90mm	170g	BB Black
Adjustable	3D Forged 6061	42	SS	1 1/8"	40	25.8, 31.8	+40/-32	80, 100, 120mm	219g (80mm)	BB Black

[ Unless otherwise listed weights shown are for 110mm extension. ]

## AVAILABLE STEM SIZES

SUPERLOGIC STEMS	DEGREE	60	70	80	90	100	110	120	130	140
Superlogic C-260°	84/6				X	X	X	X	X	
WCS STEMS	DEGREE	60	70	80	90	100	110	120	130	140
WCS Trail	0	X	X	X	X	X	X			
WCS Matrix C-260°	84/6		X	X	X	X	X	X	X	
WCS C-260°	84/6		X	X	X	X	X	X	X	
WCS Carbon 4-Axis	84/6				X	X	X	X	X	
WCS 4-Axis	84/6	X	X	X	X	X	X	X	X	X
WCS 4-Axis	73/17				X	X	X	X	X	
WCS 4-Axis 44 (1 1/8")	84/6		X	X	X	X	X	X	X	
WCS 4-Axis 44 (1 1/4")	84/6			X	X	X	X	X	X	
PRO STEMS	DEGREE	60	70	80	90	100	110	120	130	140
Pro 4-Axis 44 Matrix	84/6				X	X	X	X	X	
Pro 4-Axis 44	84/6				X	X	X	X	X	
PRO 30D	30	X	X	X	X	X	X	X		
COMP STEMS	DEGREE	60	70	80	90	100	110	120	130	140
COMP 4-Axis	84/6			X	X	X	X	X	X	
COMP 30D	30	X	X	X	X					
CLASSIC STEMS	DEGREE	60	70	80	90	100	110	120	130	140
CLASSIC 4-Axis	84/6				X	X	X	X	X	
RITCHEY ADJUSTABLE STEMS	DEGREE	60	70	80	90	100	110	120	130	140
Adjustable	+40/-32			X		X		X		







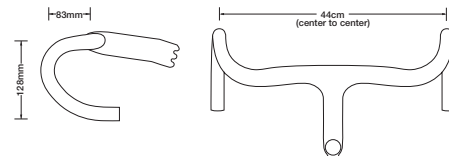
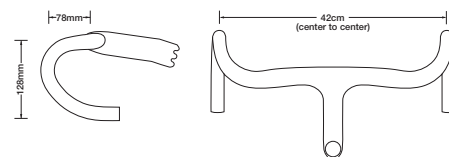
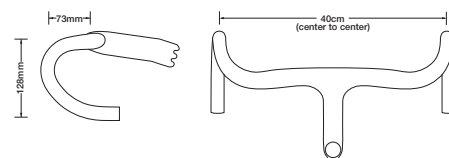





# HANDLEBARS

## WCS CARBON MONOCURVE INTEGRATED BAR/STEM

The ultimate carbon cockpit—the MonoCurve system blends the fit of our most popular bar bend with sublime ride quality of stiff and lightweight integrated bar/stem combo.

- » Monocoque EvoCurve bar molded to a carbon stem and C260-style forged alloy steer tube clamp
- » Extended ergonomic upper section with 4° sweep
- » Shallow 128mm drop with smooth “curve” transition
- » Logic II style progressive reach
- » C260-style curved steer tube slot radically reduces steer tube stress
- » Weight: 353g (42cm x120mm)

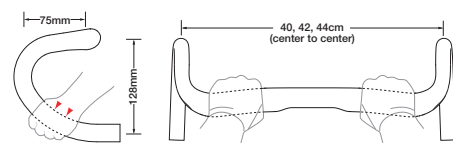


CARBON MONO-CURVE BARS	MATERIAL / CONSTRUCTION	WIDTH (CENTER TO CENTER)	DROP / REACH	SWEEP / FLARE	STEM ANGLE	STEM LENGTH	STEERER	FINISH
<b>RITCHEY CARBON</b> 	Carbon Monocoque with forged alloy steerer clamp	40cm	128/73	4/2°	84°	90, 100mm	28.6	UD Carbon
<b>RITCHEY CARBON</b> 	Carbon Monocoque with forged alloy steerer clamp	42cm	128/78	4/2°	84°	100, 110, 120mm	28.6	UD Carbon
<b>RITCHEY CARBON</b> 	Carbon Monocoque with forged alloy steerer clamp	44cm	128/83	4/2°	84°	110, 120, 130mm	28.6	UD Carbon



## EVO-CURVE BARS

- » Short reach, shallow drop with 4 degrees sweep at the ovalized top section and smooth, double-radius drops
- » Center section is aero bar compatible
- » No-slip grit at stem and brake lever mounting surfaces
- » Cable grooves (SUPERLOGIC and WCS Carbon only)



**NEW**  
SUPERLOGIC (MATTE UD CARBON)








WCS (UD CARBON)



WCS (BB BLACK)



PRO (BB BLACK)

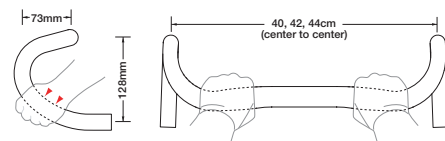
EVO-CURVE BARS	MATERIAL / CONSTRUCTION	WIDTH (CENTER TO CENTER)	DROP / REACH	SWEEP / FLARE	WEIGHT	FINISH
	Carbon Monocoque	38, 40, 42, 44cm	128/75mm	4/2°	195g	Matte UD Carbon
	Carbon Monocoque	40, 42, 44cm	128/75mm	4/2°	220g	UD Carbon
	Triple butted 7050	40, 42, 44cm	128/75mm	4/2°	250g	BB Black
	Carbon Monocoque	40, 42, 44cm	128/75mm	4/2°	280g	3K Carbon
	Double butted 7075	40, 42, 44cm	128/75mm	4/2°	270g	BB Black

[Weights shown for 42cm alloy bars with BB black finish.]





# HANDLEBARS

## LOGIC CURVE BARS

- » Short reach, shallow drop with a smooth, double-radius drop section
- » Center section is aero bar compatible
- » No-slip grit at stem and brake lever mounting surfaces
- » Cable grooves (WCS Carbon only)



**FACT:** Ritchey carbon bars are one-piece monocoque structures, stronger and more durable than most three-piece bonded bars.

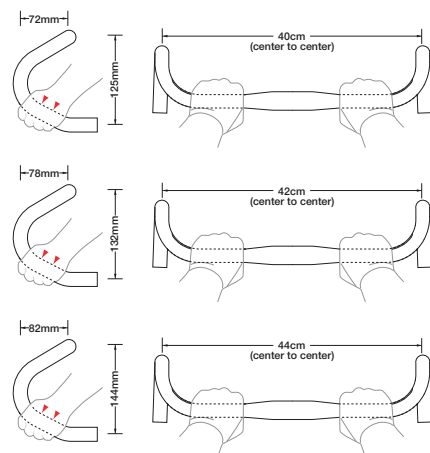
LOGIC CURVE BARS	MATERIAL / CONSTRUCTION	WIDTH (CENTER TO CENTER)	DROP / REACH	SWEEP / FLARE	WEIGHT	FINISH
<b>RITCHEY CARBON</b> 	Carbon Monocoque	40, 42, 44cm	128/73mm	0/1°	210g	UD Carbon
	Triple butted 7050	40, 42, 44cm	128/73mm	0/1°	235g	BB Black, Wet White, Wet Red
	Double butted 6061	38, 40, 42, 44cm	128/73mm	0/1°	300g	BB Black
 Classic	Double butted 6061	40, 42, 44cm	128/73mm	0/1°	300g	HP Silver





## LOGIC® II BARS

- » Reach and drop progressively increases with bar width—ensuring optimal fit in every size
- » Anatomical bend for wide spacing at the tops and ample forearm clearance in the drops



**SUPERLOGIC (UD CARBON)**

**NEW FINISH**



**WCS (BB BLACK)**



**PRO (BB BLACK)**

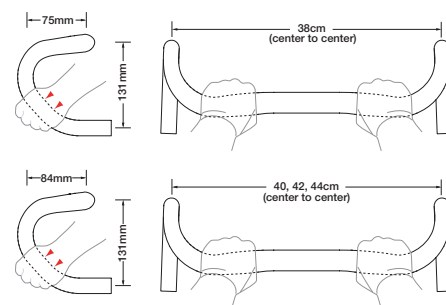
LOGIC II BARS	MATERIAL / CONSTRUCTION	WIDTH (CENTER TO CENTER)	DROP / REACH	SWEEP / FLARE	WEIGHT	FINISH
<b>RITCHEY CARBON SUPERLOGIC</b>	Carbon Monocoque	40, 42, 44cm	125/72mm (40cm) 132/78mm (42cm) 144/82mm (44cm)	0/2°	190g	Matte UD Carbon
<b>WCS</b>	Triple butted 7050	38, 40, 42, 44cm	125/72mm (38, 40cm) 132/78mm (42cm) 144/82mm (44cm)	0/1°	233g	BB Black
<b>PRO</b>	Double butted 7075	40, 42, 44cm	125/72mm (40cm) 132/78mm (42cm) 144/82mm (44cm)	0/1°	260g	BB Black

[ Alloy bar weights shown for 42cm bars with BB black finish. ]

# HANDLEBARS

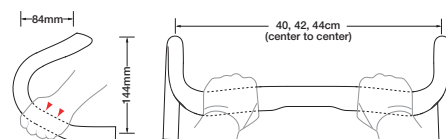
## SUPERLOGIC CARBON EVOLUTION™

- » Oval top section with 3 degree sweep and flat anatomic bend in the drops
- » Smooth transition to the brake hoods.
- » Textured stem and brake lever mount sections for no-slip component grip
- » Cable grooves for clean cable routing



## STREEM™ BARS

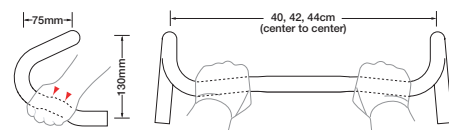
- » Wing shaped aero top section for ergo grip
- » Square bend for comfort
- » R50 bend provides more hand room
- » Formed cable grooves for accurate routing



BARS	MATERIAL / CONSTRUCTION	WIDTH (CENTER TO CENTER)	DROP / REACH	FLARE / SWEEP	WEIGHT	FINISH
<b>RITCHEY CARBON</b> <b>SUPERLOGIC</b> Evolution	Carbon Monocoque	38, 40, 42, 44cm	38cm = 131/75mm, 40-44cm = 131/84mm	4/2°	190g	UD Carbon
<b>RITCHEY CARBON</b> <b>WGS</b> Stream	Carbon Monocoque	40, 42, 44cm	144/84mm	6/2°	230g	3K Carbon

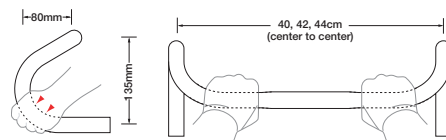
## BIOMAX™ BARS

- » Our most radically shaped bar
- » 6 degree swept-back tops and 5 degree flared, short-reach ergonomic drops
- » Large “ergo bump” for greater comfort while riding in the drops
- » R50 bend provides more hand room
- » Grooved to hide cables



## CLASSIC™ BAR

- » Classic bend preferred by our pro riders
- » R75 bend allows more forearm clearance while in the drops
- » Classic bend drop gives best sprinting position



**FACT:** A few top Ritchey pro racers still prefer the Classic bend.

BARS	MATERIAL / CONSTRUCTION	WIDTH (CENTER TO CENTER)	DROP / REACH	FLARE / SWEEP	WEIGHT	FINISH
<b>PRO</b> BioMax II	Triple butted 7075	36, 38, 40, 42, 44cm	130/75mm	6/5°	245g	BB Black
<b>WCS</b> Classic	Triple butted 7050	40, 42, 44cm	135/80mm	—	220g	BB Black

[Weights shown for 42cm bars]



# HANDLEBARS

## TRAIL RIZER BARS NEW

Same proven Ritchey quality, performance and materials now beefed up and available in trail-worthy widths.

- » 740mm width for leverage and control (cut guides provided on alloy version for those looking for reduced width)
- » 9 degree sweepback



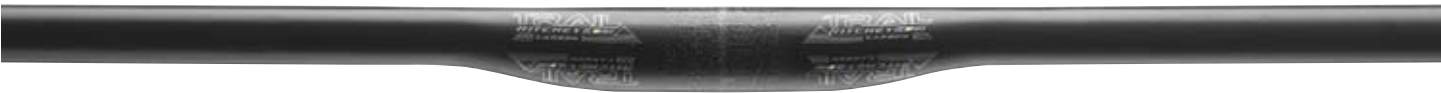
740MM WIDE WCS CARBON TRAIL LOW RIZER (UD)



740MM WIDE WCS TRAIL RIZER (BLATTE)

## 2X TRAIL BARS NEW

The new 2X Trail bar is two bars in one: select 5mm of rise or drop while maintaining a 9 degree sweep. Great for 29er's and other bikes with tall front ends.







WCS CARBON TRAIL 2X (UD) +5MM RISE POSITION



WCS CARBON TRAIL 2X (UD) -5MM RISE POSITION



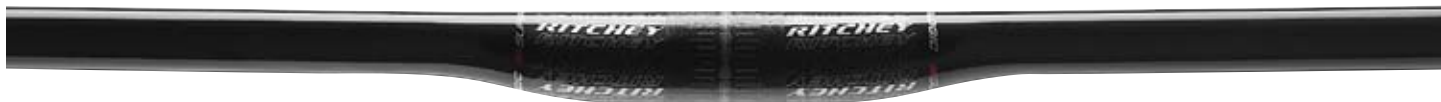
WCS TRAIL 2X (BLATTE) +5MM RISE POSITION

TRAIL BARS	MATERIAL	WIDTH	RISE	WEIGHT	FINISH
 Ritchey Carbon WCS Low Rizer	Carbon	740mm	15mm	193g	Matte UD Carbon
 Ritchey Carbon WCS Low Rizer	Triple butted 7050	740mm	20mm	276g	Blatte
 Ritchey Carbon WCS 2X	Carbon	710mm	+/- 5mm	180g	Matte UD Carbon
 Ritchey Carbon WCS 2X	Triple butted 7050	720mm	+/- 5mm	232g	Blatte

## 2X BARS

NEW

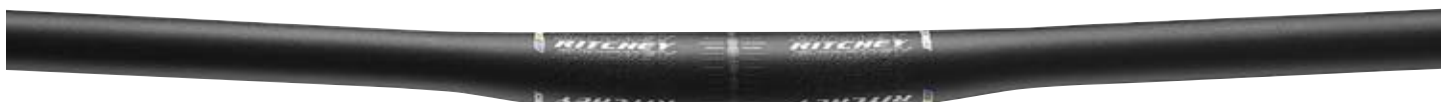
The 2X bar packs the materials technology, strength and weight you expect from a Ritchey bar, with an additional +/-5mm of height adjustment.



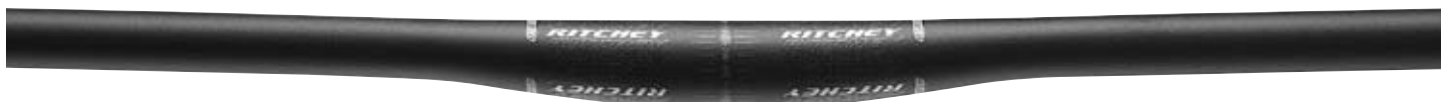
SUPERLOGIC CARBON 2X (UD) +5MM RISE POSITION



SUPERLOGIC CARBON 2X (UD) -5MM RISE POSITION




WCS 2X (BB BLACK) +5MM RISE POSITION



PRO 2X (BB BLACK) +5MM RISE POSITION



COMP 2X (BB BLACK) +5MM RISE POSITION

2X BARS	MATERIAL	WIDTH	RISE	SWEEP	WEIGHT	FINISH
	Carbon	680mm	+/- 5mm	9°	154g	Matte UD Carbon
	Triple butted 7050	720mm	+/- 5mm	9°	236g	BB Black
	Double butted 2014	720mm	+/- 5mm	9°	266g	Wet Black
	Double butted 6061	720mm	+/- 5mm	9°	276g	BB Black

# HANDLEBARS

## CARBON RIZER™ BARS

- » Available in ideal bends and weights for cross-country, marathon, and enduro
- » Long grip area maximizes accessory mounting space



NEW FINISH

SUPERLOGIC CARBON LOW RIZER (UD)






WCS CARBON LOW RIZER (3K)



WCS CARBON RIZER (3K)



PRO CARBON LOW RIZER (3K)

CARBON RIZER BARS	MATERIAL	WIDTH	RISE	WEIGHT	FINISH
 RITCHHEY CARBON SUPERLOGIC Low Rizer	Carbon	660mm	15mm	145g	Matte UD Carbon
 RITCHHEY CARBON WCS Low Rizer	Carbon	660mm	15mm	180g	3K Carbon
 RITCHHEY CARBON WCS	Carbon	660mm	30mm	180g	3K Carbon
 RITCHHEY CARBON PRO	Carbon	670mm	20mm	220g	3K Carbon

## ALLOY RIZER™ BARS

- » Available in ideal bends and weights for cross-country, marathon, and enduro
- » Long grip area maximizes accessory mounting space
- » WCS-level bars are seamless triple-buttet 7000 series aluminum



WCS RIZER (BB BLACK)






WCS LOW RIZER (WET RED)



WCS LOW RIZER (WET WHITE)



PRO RISER

ALLOY RIZER BARS	MATERIAL	WIDTH	RISE	WEIGHT	FINISH
	Triple buttet 7050	660mm	30mm	270g	BB Black
	Triple buttet 7050	660mm	20mm	265g	Wet White, Wet Red
	Double buttet 2014	670mm	35mm	300g	BB Black
	Double buttet 6061	670mm	35mm	360g	BB Black

[ Weights shown are for BB Black products ]



# HANDLEBARS

## 10-DEGREE FLAT MOUNTAIN BAR

- » Unique shape of 10° bend flat bar preserves the hand position of a 5° bend bar without increasing stem length
- » Textured stem clamp area reduces risk of bar slippage
- » Reinforced internally to accept bar ends and shifter/lever clamp (SuperLogic not bar end compatible)



TOP VIEW



NEW FINISH

SUPERLOGIC CARBON 10° FLAT (MATTE UD)



WCS CARBON 10° FLAT








WCS 10° FLAT (BB BLACK)



PRO 10° FLAT (BB BLACK)



CLASSIC 10° FLAT (HP SILVER)

10 DEGREE FLAT BARS	MATERIAL	WIDTH	BEND	WEIGHT	FINISH
	Carbon	620mm	10°	130g	Matte UD Carbon
	Carbon	660mm	10°	180g	UD Carbon
	Triple butted 7050	700mm	10°	235g	BB Black
	Double butted 2014	700mm	10°	279g	BB Black
	Double butted 6061	660mm	10°	340g	HP Silver

## CARBON FLAT BARS

- » Textured stem clamp area reduces risk of bar slippage
- » Reinforced internally to accept bar ends and shifter/lever clamp (WCS and Pro only)



NEW FINISH

SUPERLOGIC CARBON (MATTE UD)



WCS CARBON (UD)

CARBON FLAT BARS	MATERIAL	WIDTH	BEND	WEIGHT	FINISH
<b>RITCHEY CARBON</b> <b>SUPERLOGIC</b>	Carbon	580mm	5°	120g	Matte UD Carbon
<b>RITCHEY CARBON</b> <b>WCS</b>	Carbon	580, 620mm	5°	145g (620mm)	UD Carbon, 3K Carbon
<b>RITCHEY CARBON</b> <b>WCS</b>	Carbon	680mm	9°	175g (680mm)	UD Carbon



# HANDLEBARS

## ALLOY FLAT BARS

- » Seamless, triple butted 7050 aluminum construction (WCS only)
- » Bead-blasted and anodized finish improves fatigue strength



WCS (WET BLACK)



WCS (WET WHITE)



WCS (WET RED)






WCS (BB BLACK)



PRO



CLASSIC

ALLOY FLAT BARS	MATERIAL	WIDTH	BEND	WEIGHT	FINISH
	Seamless, Triple butted 7050	600mm	5°	165g	Wet Black, Wet White, Wet Red
	Double butted 2014	600mm	5°	197g (600mm)	BB Black
	Double butted 6061	560mm	5	202g	HP Silver

## BAR ENDS

- » Angled clamp slot reduces stress on lightweight alloy or carbon fiber
- » Features inward angle, perfect for use with riser bars



WCS CARBON MATRIX (UD)







WCS



WCS



PRO

BAR ENDS	MATERIAL / CONSTRUCTION	LENGTH	WEIGHT	FINISH
 Matrix	3D Forged 6061 + Carbon	85mm	85g	UD Carbon
	3D Forged 6061	85mm	65g	BB Black, Wet White
	3D Forged 6061	100mm	110g	BB Black
	2 Piece Bonded 6061	102mm	160g	BB Black





# SEATPOSTS

## WCS LINK SEATPOSTS

The Ritchey two-bolt post reinvented—lighter, more compliant and more versatile than ever.

- » Proprietary LINK clamp works with all standard saddle rail designs AND Selle Italia MonoLink™ saddles with separate adapter
- » Reverseable clamp offers 5 or 25mm offset for more fore/aft range
- » LINK Carbon posts use FlexLogic™ carbon layup developed for ProTour team bikes from Stevens, Canyon and Scott—15% more vertically compliant with no loss of lateral or torsional stiffness



LINK POSTS	MATERIAL / CONSTRUCTION	DIAMETER	LENGTH	OFFSET	WEIGHT	FINISH
	Monocoque Carbon	27.2, 30.9, 31.6mm	350, 400mm	5 or 25mm	181g	UD Carbon
	3D Forged 7050	27.2, 30.9, 31.6mm	350, 400mm	5 or 25mm	230g	BB Black, Wet Black, Wet White

## TRAIL SEATPOSTS

NEW

- » Reverseable clamp offers 5 or 25mm offset for more fore/aft range
- » LINK Carbon Trail post features FlexLogic™ to help smooth out rough trails
- » LINK Trail posts share design and features with the standard LINK posts but come in 400mm lengths



WCS  
TRAIL



WCS  
CARBON  
TRAIL



TRAIL POSTS	MATERIAL / CONSTRUCTION	DIAMETER	LENGTH	OFFSET	WEIGHT	FINISH
<b>RITCHEY CARBON</b> 	Monocoque Carbon	27.2, 30.9, 31.6mm	400mm	5 or 25mm	181g	Matte UD Carbon
	3D Forged 7050	27.2, 31.6mm	400mm	5 or 25mm	235g	Blatte

[Weights shown for 27.2/350mm.]

# SEATPOSTS

## ONE-BOLT SEATPOSTS

One of the lightest, toughest seatpost designs in the world.

» Patented SideBinder™ clamp design uses a single 5mm bolt for quick, secure adjustment

» Precision forged alloy clamp assembly for strength

» Low-profile head for optimal saddle clearance and sleek lines

» Wide saddle clamp reduces stress on lightweight saddle rails

» Interchangeable clamps provide compatibility for all popular rail sizes



WCS  
20MM OFFSET  
IN WET WHITE  
AND WET RED

NEW FINISH

SUPERLOGIC  
CARBON  
25MM OFFSET

WCS CARBON  
25MM OFFSET  
UD CARBON







WCS CARBON  
ZERO OFFSET  
UD CARBON

WCS  
20MM OFFSET  
WET BLACK

WCS  
ZERO OFFSET  
BB BLACK

WCS  
ADJUSTABLE  
BB BLACK

**FACT:** Ritchey sources an exotic, high-purity grade of 2014-series alloy for WCS and seatposts, guaranteeing the consistent durability required for superlight designs.

ONE-BOLT POST	MATERIAL / CONSTRUCTION	DIAMETER	LENGTH	OFFSET	WEIGHT	FINISH
	Carbon Monocoque	27.2, 30.9, 31.6mm	300, 350, 400mm	25mm	148g (27.2/300)	Matte UD Carbon
	Carbon Monocoque	27.2, 30.9, 31.6mm	300, 350, 400mm	25mm	185g (27.2/300)	UD Carbon, 3K Carbon
	Carbon Monocoque	27.2, 31.6mm	350, 400mm	0mm	157g (27.2/350)	UD Carbon, 3K Carbon
	3D Forged 2014	27.2, 30.9, 31.6mm	300, 350, 400mm	20mm	195g (27.2/350)	BB Black, Wet Black, Wet White, Wet Red
	3D Forged 2014	27.2, 30.9, 31.6mm	350, 400mm	0mm	195g (27.2/350)	BB Black
	3D Forged 2014	27.2mm	350mm	-5 to 25mm	263g (27.2/350)	BB Black

## TWO-BOLT POSTS

- » Two-bolt design for easy to adjust, vise-like grip
- » Low profile clamp reduces stress on lightweight rails and won't bottom out
- » Bolts oriented to the axis of the rails for greatest contact area with the saddle









WCS 25MM OFFSET  
UD CARBON

PRO 25MM OFFSET  
IN 3K CARBON/BB BLACK

PRO  
BB BLACK

COMP  
BB BLACK

CLASSIC

TWO-BOLT POSTS	MATERIAL / CONSTRUCTION	CRADLE	DIAMETER	LENGTH	OFFSET	WEIGHT	FINISH
	Monocoque Carbon	43x38	34.9mm	400mm	25mm	195g	UD Carbon
	Press bonded Carbon/6061	43x38	27.2, 31.6mm	350, 400mm	25mm	229g	3K Carbon
	3D Forged 2014	43x38	27.2, 31.6mm	350, 400mm	25mm	225g	BB Black
	3D Forged 6061	43x38	26.8, 27.0, 27.2, 30.9, 31.6mm	250, 400mm	25mm	250g	BB Black
	3D Forged 6061	43x38	31.6mm	400mm	Zero	250g	BB Black
	3D Forged 2014	43x38	27.2, 30.9, 31.6mm	350mm	25mm	245g	HP Silver





[ WCS and Classic 27.2 posts not available in 400mm. ]



ONE-BOLT INTEGRATED SEAT MAST TOPPER

- » Patented SideBinder™ one-bolt clamp design facilitates easy installation and adjustment
- » Increased range of adjustment over other clamp systems
- » Designed for frames with integrated seat tubes



WCS ONE-BOLT SEAT MAST TOPPER	MATERIAL / CONSTRUCTION	INNER Ø	LENGTH	OFFSET	WEIGHT	FINISH
<b>RITCHEY CARBON</b> <b>SUPERLOGIC</b>	Carbon Monocoque	34.9	50mm	25mm	99g	UD Carbon
	2D Forged 2014	34.9	50mm	25mm	116g	HP Black
	2D Forged 2014	30.25	50mm	8mm	110g	HP Black
	2D Forged 2014	30.25, 34.9	70mm	25mm	138g (34.9)	HP Black
	2D Forged 2014	38.35	70mm	8mm	126g	HP Black



## AVAILABLE POST OPTIONS

SUPERLOGIC POSTS	DIAMETER (MM)	OFFSET	LENGTHS				
			50MM	70MM	300MM	350MM	400MM
SuperLogic One-Bolt	27.2	25			X	X	
	30.9	25					X
	31.6	25			X		X
SuperLogic Integrated Seat Mast Topper	34.9	25	X				
WCS POSTS	DIAMETER (MM)	OFFSET	LENGTHS				
			50MM	70MM	300MM	350MM	400MM
WCS CF Link	27.2	5 / 25				X	
	30.9/31.6	5 / 25					X
WCS Link	27.2	5 / 25				X	
	30.9/31.6	5 / 25					X
WCS CF Trail	27.2/30.9/31.6	5 / 25					X
WCS Trail	27.2/31.6	5 / 25					X
WCS CF One-Bolt	27.2	25			X	X	
	30.9	25					X
	31.6	25				X	X
	27.2	0				X	
	31.6	0					X
WCS CF Two-Bolt	34.9	25					X
WCS Alloy One-Bolt	27.2	0 / 20			X	X	
	30.9/31.6	0 / 20					X
WCS Integrated Seat Mast Topper	30.25	8	X				
	30.25/34.9	25		X			
	34.9	25	X				
	38.35	8		C			
WCS Adjustable	27.2	-5 TO 25				X	
PRO POSTS	DIAMETER (MM)	OFFSET	LENGTHS				
					300MM	350MM	400MM
Pro CF	27.2	25				X	
	31.6	25				X	X
Pro	27.2	25				X	X
	31.6	25				X	
COMP POSTS	DIAMETER (MM)	OFFSET	LENGTHS				
				250MM	300MM	350MM	400MM
Comp	27.2	25		X			
	28.6/27.0/27.2/30.9/31.6	25					X
	31.6	0					X
CLASSIC POSTS	DIAMETER (MM)	OFFSET	LENGTHS				
					300MM	350MM	400MM
Classic	27.2/30.9/31.6	25				X	



# SADDLES

## THE RITCHEY VECTOR WING SADDLE: 40 YEARS IN THE MAKING

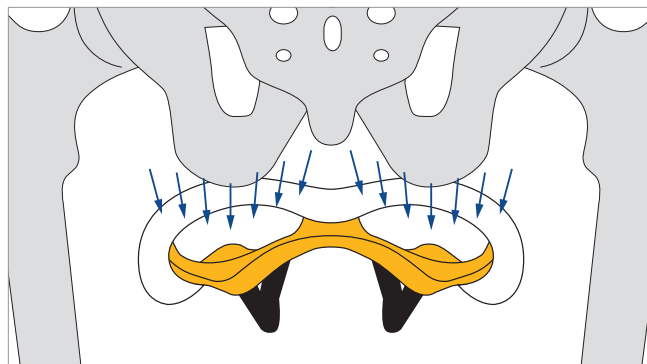
Those who put in big miles know: subtle details can make a huge difference in performance and comfort. And Tom Ritchey has been putting in big miles for four decades.

In the mid-nineties, Tom Ritchey first introduced the Vector Wing™ saddle concept. Traditional designs mount the rails directly to the shell, which happen to overlap with a rider's sit bones. This creates 'hot spots' and discomfort—especially on long rides. Competitor's saddle designs compensate for this with additional padding, which doesn't really solve the problem and can cause other issues.

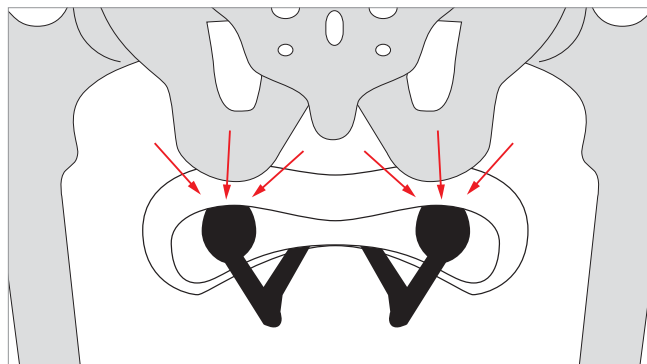
The revolutionary, patented Vector Wing design elegantly addresses this problem. Saddle rails mount to the Vector Wing, which suspends rail mounting points and dissipates pressure across the entire structure. The saddle shell can flex and conform naturally to the rider's sit bones. No more hot spots. Go ahead---ride all day. It's what Ritchey Vector Wing saddles were designed for.



The Vector wing was first introduced in the mid-nineties, and steadily refined to perfection since.



Ritchey saddles flex and distribute stress more evenly across the Vector Wing. More comfort, less weight.



Standard saddle shells focus pressure at the rail mounts, creating hot spots.

**FACT:** Tom Ritchey has been riding 10,000 miles a year for 40 years. That's a lot of test miles.

Ritchey proudly sponsors the United HealthCare Professional Cycling Team with WCS Stream and Contrail saddles with Vector Wing™.



## STREEM SADDLES

- » Patented Vector Wing design dissipates pressure more evenly
- » Low profile design and narrow carbon fiber injected shell for stiffness and lightweight for WCS and Pro
- » Micro fiber cover and superlight foam for WCS
- » Low profile design



WCS CARBON STREAM



PRO STREAM








COMP STREAM

## CONTRAIL SADDLES

- » Patented Vector Wing design dissipates pressure more evenly
- » Slightly shorter and more padded than the Stream
- » Superlight foam shape and narrow carbon fiber injection shell combine to make a new, comfortable performance driven saddle
- » Lightweight and durable micro fiber cover available in black and white



STREEM SADDLES	RAILS	SHELL	COVER	DIMENSIONS	RAIL DIMENSIONS	COLOR	WEIGHT
	Carbon	Nylon + Carbon	Micro Fiber	279 x 132mm	8 x 8.5	Black, White, Red	145g
	CrN/Ti	Nylon + Carbon	Micro Fiber	279 x 132mm	7 x 7	Black, White	200g
	Tubular CrMo	Nylon + Carbon	Micro Fiber	279 x 132mm	7 x 7	Black	210g
	Steel	Nylon + Glass Fiber	Vinyl	279 x 132mm	7 x 7	Black	250g
CONTRAIL SADDLES	RAILS	SHELL	COVER	DIMENSIONS	RAIL DIMENSIONS	COLOR	WEIGHT
	CrN/Ti	Nylon + Carbon	Micro Fiber	272 x 138mm	7 x 7	Black, White	250g



# SADDLES

## STREEM TT SADDLES NEW

Tom Ritchey worked closely with the United Healthcare Cycling Team to design the perfect time trial saddle—the Stream TT.

- » Subtle channel and added padding profile on the nose for comfort during extended periods riding in TT position.
- » Microfiber cover and superlight foam.
- » Available in black or white.



STREEM TT SADDLE	RAILS	SHELL	COVER	DIMENSIONS	RAIL DIMENSIONS	COLOR	WEIGHT
	CrN/Ti	Nylon + Carbon	Micro Fiber	272 x 132mm	7 x 7	Black, White	243g

## MARATHON SADDLES

- » Using the same low profile design and narrow carbon fiber injected shell as the Stream for stiffness and minimal weight (WCS and Pro), the Marathon offers more padding for longer rides
- » Patented Vector Wing design dissipates pressure more evenly
- » WCS: high-density superlight foam, CrN/Ti alloy rails, genuine perforated leather with Kevlar® abrasion resistant sides
- » Pro: high-density foam, microfiber surface, tubular CrMo rails, and abrasion resistant sides



WCS MARATHON



PRO MARATHON



COMP MARATHON

## BIOMAX SADDLES

- » Anatomical channel reduces perennial pressure for improved circulation
- » 35% carbon injected shell for stiffness and light weight in WCS and Pro
- » Super light foam (WCS), micro fiber cover material, CrMo rails
- » Available in black or white



WCS BIOMAX

MARATHON SADDLES	RAILS	SHELL	COVER	DIMENSIONS	RAIL DIMENSIONS	COLOR	WEIGHT
	CrN/Ti	Nylon + Carbon	Micro Fiber	271 x 130mm	7 x 7	Black, White	223g
	Tubular CrMo	Nylon + Carbon	Micro Fiber	271 x 130mm	7 x 7	Black	279g
	Steel	Nylon + Glass Fiber	Synthetic Leather	271 x 130mm	7 x 7	Black	325g
BIOMAX SADDLES	RAILS	SHELL	COVER	DIMENSIONS	RAIL DIMENSIONS	COLOR	WEIGHT
	CrN/Ti	Nylon + Carbon	Micro Fiber	272 x 131mm	7 x 7	Black, White	225g
	Tubular CrMo	Nylon + Carbon	Micro Fiber	272 x 131mm	7 x 7	Black	280g
	Steel	Nylon + Glass Fiber	Synthetic Leather	272 x 131mm	7 x 7	Black	325g

# MOUNTAIN WHEELS

## WCS VANTAGE II CARBON

**Ruthlessly efficient, World Cup proven race wheels.**

- » Carbon monocoque construction using proprietary bladderless process
- » 21mm internal rim width for lateral rigidity and ideal tire profile
- » Handbuilt and trued to 0.2mm tolerance
- » Ritchey WCS cold forged hubs, German SKF sealed bearings and patented 6 pawl, 12-point micro-clutch engagement system
- » Rear Hubs Convertible Between Standard QR and 142x12 Thru-Axle; Front QR15mm with adapter for standard QR
- » Centerlock compatible hubs
- » Tubeless Ready
- » 1,537g (29" set)





CARBON WHEELS	TYPE	RIMS	RIM DEPTH	INNER WIDTH	HUBS	SPOKES	NIPPLES	BUILD	FREEHUB	FINISH	WEIGHT
<b>29"</b> 	Clincher Front	Monocoque Carbon	20mm	21mm	WCS	DT Competition 2.0/1.8	Alloy 2.0	28x3X	-	UD Carbon	653g
	Clincher Rear	Monocoque Carbon	20mm	21mm	WCS	DT Competition 2.0/1.8	Alloy 2.0	28x3X	Alloy	UD Carbon	894g

## WCS VANTAGE II ALLOY NEW

The Vantage II wheel is the successor to the legendary Ritchey Vantage wheels raced to numerous National and World Cup podiums in the 1990's. With a new, wider OCR rim profile and incredibly tough new alloy, the Vantage II is at the front of the field in terms of weight, stiffness and durability.

- » Aerospace Grade Alloy Rim for Superior Stiffness, Lightweight and Impact resistance
- » Tubeless Ready internal Rim Profile (Tubeless Tape & Valves included)
- » 20mm Rim Internal Width
- » DT SWISS Competition Spokes
- » Rear Hubs Convertible Between Standard QR and 142x12 Thru-Axle; Front QR15mm with adapter for QR9
- » Shimano Centerlock Disc Brake Mount (6-bolt adapters sold separately)
- » 1587g (27.5"/650b w/standard QR rear)  
1668g (29" set w/standard QR rear)



ALLOY WHEELS	TYPE	RIMS	RIM DEPTH	INNER WIDTH	HUBS	SPOKES	NIPPLES	BUILD	FREEHUB	FINISH	WEIGHT
 27.5"/650b	Clincher Front	WCS OCR	19mm	20mm	WCS	DT Competition 2.0/1.8	Alloy 2.0	28x3X	-	BB Black	728g
	Clincher Rear	WCS OCR	19mm	20mm	WCS	DT Competition 2.0/1.8	Alloy 2.0	28x3X	Alloy	BB Black	859g
 29"	Clincher Front	WCS OCR	19mm	20mm	WCS	DT Competition 2.0/1.8	Alloy 2.0	28x3X	-	BB Black	765g
	Clincher Rear	WCS OCR	19mm	20mm	WCS	DT Competition 2.0/1.8	Alloy 2.0	28x3X	Alloy	BB Black	903g

[Weights shown without quick releases or rim strips; 15mm front; 135mm rear.]



# ROAD WHEELS

## SUPERLOGIC ROAD WHEELS

A ProTour-caliber race wheel that's fast without being harsh.

Most race wheels sacrifice some ride quality for speed. But with Trifecta™ lacing, we're able to offer the best of both worlds. The two-cross spokes add some vertical compliance while resisting wind-up under acceleration, while the radial spokes eliminate lateral flex.



SUPERLOGIC  
CLINCHER



- » Reynolds-built DV46UL rims
- » New Cryo Blue pads reduce brake heat stress by 20%
- » Ridden to victory by European and domestic pro's
- » Handbuilt with Trifecta™ lacing: 20hole front, 24 hole rear, Sapim CX-Ray bladed spokes
- » Ritchey SuperLogic cold forged hubs, German SKF sealed bearings and patented 6 pawl, 12-point micro-clutch engagement system
- » Load specific bearings: 28mm drive side, 24mm non-drive
- » Ritchey titanium quick releases
- » 1,392g (clinchers set) / 1,120g (tubular set)



**FACT:** Nice and stiff; predictable braking; handled well in strong winds.” – VeloNews, March 2011

**SUPERLOGIC  
TUBULAR**

UCI APPROVED

CARBON WHEELS	TYPE	RIMS	RIM DEPTH	HUBS	SPOKES	NIPPLES	BUILD	FREEHUB	FINISH	WEIGHT
	Clincher Front	Carbon	46mm	SuperLogic	Sapim CX-Ray	Internal	Radial	-	UD Carbon	604g
	Clincher Rear	Carbon	46mm	SuperLogic Zero System	Sapim CX-Ray	Internal	24x2X Trifecta	Alloy	UD Carbon	790g
	Tubular Front	Carbon	46mm	SuperLogic	Sapim CX-Ray	Internal	Radial	-	UD Carbon	463g
	Tubular Rear	Carbon	46mm	SuperLogic Zero System	Sapim CX-Ray	Internal	24x2X Trifecta	Alloy	UD Carbon	658g

[ Weights shown without quick releases or rim strips. ]

WCS APEX CARBON CLINCHERS

Race-ready full carbon clincher that won't break the bank.

- » Reynolds-built Assault rims handbuilt with ride-smoothing TriFecta™ lacing

» New Cryo Blue pads reduce brake heat stress by 20%

» Sapim CX-Ray spokes; 20hole front, 24 hole rear
- » Ritchey WCS cold forged hubs, German SKF sealed bearings and patented 6 pawl, 12-point micro-clutch engagement system

» Load specific bearings: 28mm drive side, 24mm non-drive


» Ritchey titanium quick releases.

» 1,537g (set)



UCI APPROVED

**FACT:** Mechanics rejoice! Ritchey wheels use standard J-bend spokes from Sapim and DT for their incredible strength and serviceability.

ATTACK CARBON WHEELS	TYPE	RIMS	RIM DEPTH	HUBS	SPOKES	NIPPLES	BUILD	FREEHUB	FINISH	WEIGHT
	Clincher front	Carbon	46	WCS	Sapim CX/CX-Ray	Internal	20x1	–	UD Carbon	643g
	Clincher rear	Carbon	46	WCS Zero System	Sapim CX/CX-Ray	Internal	24x2X TriFecta	Alloy	UD Carbon	894g

## WCS APEX CARBON TUBULARS

Ritchey's line of fast, stiff and tough-as-nails aero race wheels featuring monocoque rims and a proprietary manufacturing process.

- » Exceptional lateral stiffness and acceleration
- » Handbuilt with ride-smoothing Trifecta™ lacing
- » 50mm is 20/24h; 88mm is 16/24h
- » Ritchey WCS cold forged hubs, German SKF sealed bearings and patented 6 pawl, 12-point micro-clutch engagement system
- » Available for Shimano/SRAM and Campagnolo 10/11 speed
- » Load specific bearings: 28mm drive side, 24mm non-drive
- » Ritchey titanium quick releases
- » Standard carbon brake pads included
- » 1,395g (50mm set) / 1,684g (88mm set)





APEX 50



APEX 88

50MM UCI APPROVED / 88MM PENDING APPROVAL

APEX CARBON WHEELS	TYPE	RIMS	RIM DEPTH	HUBS	SPOKES	NIPPLES	BUILD	FREEHUB	FINISH	WEIGHT
 88mm	Tubular front	Carbon	88mm	WCS	Sapim CX/CX-Ray	Brass 2.0	16x1X	-	3K Carbon	730g
	Tubular rear	Carbon	88mm	WCS Zero System	Sapim CX/CX-Ray	Brass 2.0	24x2X Trifecta	Alloy	3K Carbon	954g
 50mm	Tubular front	Carbon	50mm	WCS	Sapim CX/CX-Ray	Brass 2.0	20x1X	-	3K Carbon	580g
	Tubular rear	Carbon	50mm	WCS Zero System	Sapim CX/CX-Ray	Brass 2.0	24x2X Trifecta	Alloy	3K Carbon	804g

[Weights shown without quick releases or rim strips.]



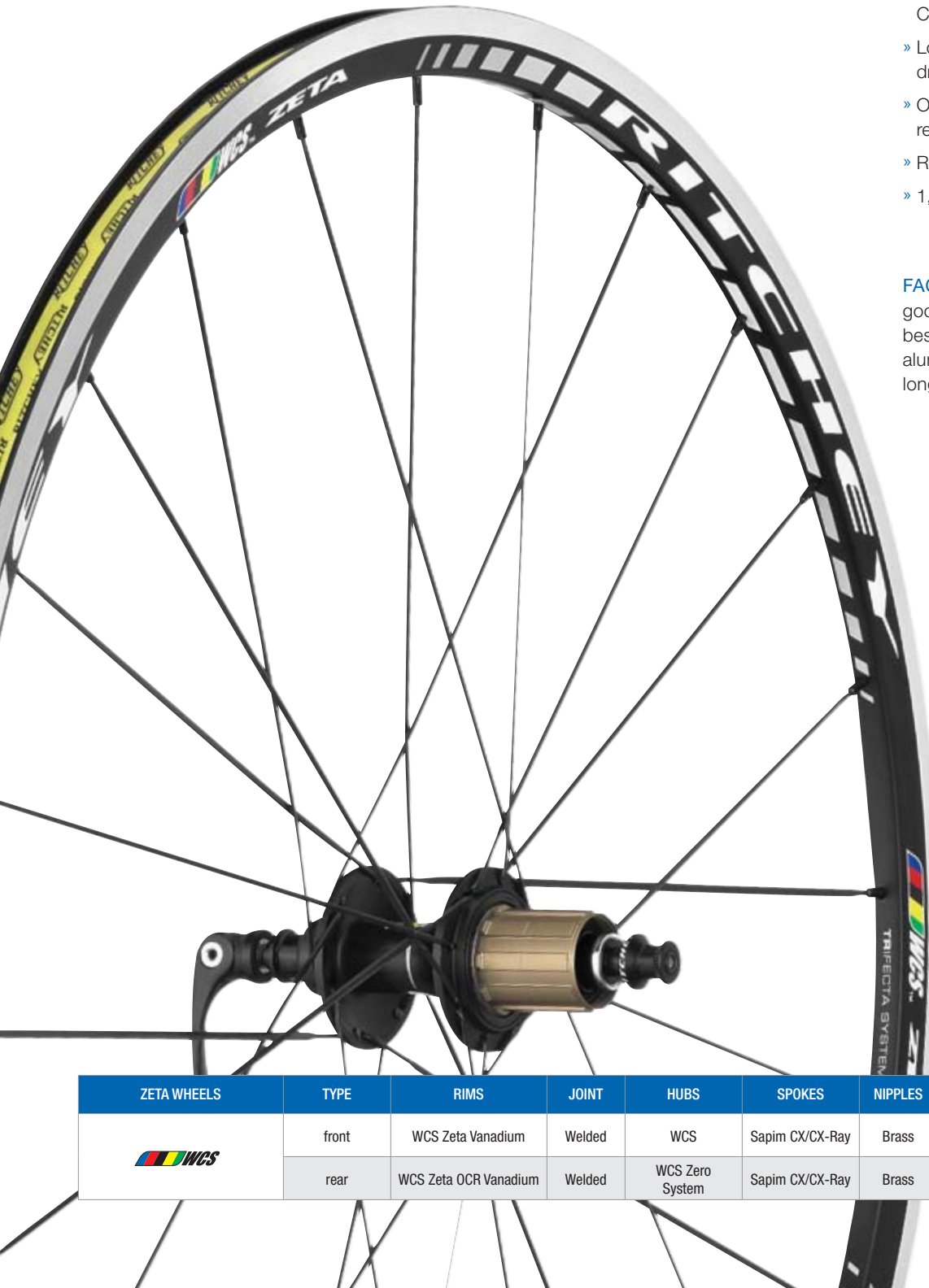
# ROAD WHEELS


## WCS ZETA WHEELS

The quintessential premium quality aluminum clincher—fast enough to win criteriums and tough enough for Paris Roubaix.

- » Vanadium alloy rim material: exceptional durability and braking performance
- » Welded, machined and shot-peened rims
- » 24mm box rim profile balances lateral rigidity with rough road compliance
- » Handbuilt with ride-smoothing Trifecta™ lacing: 20hole front, 24 hole rear
- » Ritchey WCS cold forged hubs, German SKF sealed bearings and patented 6 pawl, 12-point micro-clutch engagement system
- » Available for Shimano/SRAM and Campagnolo 10/11 speed
- » Load specific bearings: 28mm drive side, 24mm non-drive
- » OCR rear hub/rim design reduces wheel dish
- » Ritchey titanium quick releases
- » 1,623g (set)

**FACT:** “The WCS Zeta is more than good company, it is quite simply the best company we have ever had in an aluminum clincher under \$1,000 for long miles.” – Peloton Magazine,



ZETA WHEELS	TYPE	RIMS	JOINT	HUBS	SPOKES	NIPPLES	BUILD	FREEHUB	FINISH	WEIGHT
	front	WCS Zeta Vanadium	Welded	WCS	Sapim CX/CX-Ray	Brass	20x1X	-	BB Black	689g
	rear	WCS Zeta OCR Vanadium	Welded	WCS Zero System	Sapim CX/CX-Ray	Brass	24x2X Trifecta	Alloy	BB Black	934g





# MOUNTAIN, CROSS & SPECIALTY TIRES

## SHIELD™

- » Low-profile tread pattern provides perfect all-round qualities with incredible traction and control
- » Side knobs employ VFA design for consistent traction at all cornering angles
- » WCS version features dual compound – softer side enhance cornering, firmer center section rolls faster and is more durable
- » WCS level is tubeless ready

### NEW 27.5"/650B SIZE



SHIELD	26X2.1	27.5X2.1	29X2.1
	540g	533g	554g
	640g	-	654g

(( TUBELESS READY ))



## Z-MAX EVOLUTION™

- » Based on the original ZMax VFA tread. VFA (vector force analysis) places each knob and edge at an angle corresponding with cornering and braking forces for optimal traction at all angles.
- » Fast-rolling, grippy, predictable and now available in a 29er version
- » Tread lugs are spaced wider and shortened for faster handling, reduced rolling resistance and lighter weight
- » WCS version features dual compound – softer sides enhance cornering, firmer center section rolls faster and is more durable; tubeless ready, 120TPI casing

Z-MAX EVOLUTION	26X2.1	29X2.1
	500g	430g
	609g	600g

### NEW 29" SIZE

(( TUBELESS READY ))



## SPEEDMAX BETA™

- » Special center square "digger" tread for hard-pack speed with excellent traction
- » Z-Max style center-side tread lugs for aggressive cornering
- » WCS version features dual compound - softer sides enhance cornering, firmer center section rolls faster and is more durable



SPEEDMAX BETA	26X2.0
	546g



## SHIELD™ CROSS NEW

The light, fast-rolling and absurdly grippy Shield™ is now available in a 700x35c cyclocross clincher tire. The Shield tread pattern employs Tom Ritchey's Vector Force Analysis (VFA) for superior traction at all cornering angles.



- » Low-profile tread pattern designed for low rolling resistance and predictable grip in dry and hardpacked conditions.
- » Side knobs employ VFA design for consistent traction at all cornering angles
- » WCS version features dual compound tread
- » 120tpi (WCS)

SHIELD CROSS	700X35
	374g
	500g



## SPEEDMAX CROSS

- » Low rolling resistance
- » Excellent mud clearing capability
- » Diamond pattern center with VFA baffles

SPEEDMAX CROSS	700X32	700X35	700X40
	358g	446g	-
	452g	476g	483g





32



35 / 40

## TOM SLICK 26"

- » Great all-round training tire
- » VFA side grooves improve grip in all conditions

TOM SLICK	26X1.0	26X1.4
	254g	386g
	330g	472g





# TUBELESS

## RITCHEY TUBELESS CONVERSION KIT

**Not all tubeless kits are created equal. We use proven rim strip material and valves, and Ritchey's proprietary sealant formula sets up faster, doesn't dry out, provides reliable flat protection and longer service life.**

- » Long lasting, environmentally friendly formula
- » 8 meters of 25mm rim tape included—suitable for two rims up to 28mm wide
- » Tubeless valves and valve core remover included—200ml of Ritchey Sealant—enough for two tires up to 29 x 2.1
- » For use with tubeless ready tires only



## RITCHEY TUBELESS SEALANT

- » 200ml (enough for two tires)
- » 1 liter bottle (enough for 10 tires)
- » Volume/wheel: 60ml for 26", 70ml for 27.5", and 80/90ml for 29"
- » For use with tubeless ready tires only
- » Compatible with other tubeless conversion kits



## PRESS FIT HEADSETS

- » Carbon headsets available in 3K and UD finishes
- » Corrosion-resistant Ti-coated bearings used in WCS and WCS Carbon headsets



SUPERLOGIC PF



SUPERLOGIC PF TAPER



CARBON WCS



WCS CROSS



PRO TAPER



COMP TAPER

PRESS FIT HEADSET	STACK HEIGHT	MATERIAL	UPPER FIT (S.H.I.S.)	LOWER FIT (S.H.I.S.)	UPPER HT OD/ID	LOWER HT OD/ID	BEARING	WEIGHT
<b>RITCHHEY CARBON</b> <b>SUPERLOGIC</b>	12.5mm	Alloy	ZS44/28.6	ZS44/30	50/44	50/44	Ceramic hybrid	79g
<b>RITCHHEY CARBON</b> <b>SUPERLOGIC</b> Taper	12.1mm	Alloy	ZS44/28.6	ZS55/40	50/44	61/55	Ceramic hybrid	99g
<b>RITCHHEY CARBON</b> <b>WCS</b>	18mm	Carbon/Alloy	ZS44/28.6	ZS44/30	50/44	50/44	Sealed Cartridge Ti Coated	86g
<b>WCS</b> Cross	18mm	Alloy	ZS44/28.6	ZS44/30	50/44	50/44	Sealed Cartridge Ti Coated	100g
<b>PRO</b> Taper	12.9mm	Alloy	ZS44/28.6	ZS55/40	50/44	61/55	Sealed Cartridge	117g
<b>PRO</b> Cross	18mm	Alloy	ZS44/28.6	ZS44/30	50/44	50/44	Sealed Cartridge	145g
<b>Comp</b> Taper	11.3mm	CroMo	ZS44/28.6	ZS55/40	50/44	61/55	Semi Cartridge/ Loose Ball	109g

# HEADSETS

## LOGIC® STANDARD HEADSETS

- » Premium quality SuperLogic headset with ceramic hybrid bearings and dual-lip labyrinth seals for superior sealing and performance
- » Lightweight, precision-machined aluminum cups
- » Logic = Smaller upper angular cartridge bearing saves weight, larger lower angular cartridge bearing boost strength and durability
- » Uses Ritchey grease and sealed design for years of trouble-free performance



SUPERLOGIC



WCS LOGIC CROSS



WCS



PRO



COMP



LOGIC  
BALL BEARING



LOGIC THREADED  
BALL BEARING

LOGIC HEADSET	STACK HEIGHT	COMPONENT MATERIAL	UPPER FIT (S.H.I.S.)	LOWER FIT (S.H.I.S.)	BEARING	WEIGHT
<b>RITCHY CARBON SUPERLOGIC</b>	26.9mm	Alloy	EC34/28.6	EC34/30	Ceramic hybrid	95g
<b>WCS 1"</b>	28mm	Alloy	EC30/25.4	EC30/26	Sealed Cartridge Ti Coated	94g
<b>WCS 1-1/8"</b>	28.3mm	Alloy	EC34/28.6	EC34/30	Sealed Cartridge Ti Coated	103g
<b>WCS Logic Cross</b>	36.6mm	Alloy	EC34/28.6	EC34/30	Sealed Cartridge Ti Coated	120g
<b>PRO</b>	32mm	Alloy	EC34/28.6	EC34/30	Sealed Cartridge	111g
<b>Comp</b>	30.2mm	CroMo	EC34/28.6	EC34/30	Semi-Cartridge	160g
LOGIC	N/A	CrMo/Plastic	EC34/28.6	EC34/30	Ball Bearing	N/A
LOGIC THREADED 1"	N/A	CrMo/Plastic	EC30/25.4	EC30/26	Ball Bearing	N/A
LOGIC THREADED 1-1/8"	N/A	CrMo/Plastic	EC34/28.6	EC34/30	Ball Bearing	N/A

## DROP IN HEADSETS

- » Carbon headsets available in 3K and UD finishes
- » Corrosion-resistant Ti-coated bearings used in WCS and WCS Carbon headsets



WCS CARBON



WCS



WCS CROSS



PRO TAPER



PRO

DROP IN HEADSET	STACK HEIGHT	MATERIAL	UPPER FIT (S.H.I.S.)	LOWER FIT (S.H.I.S.)	UPPER BEARING OD	LOWER BEARING OD	TOP COVER OD	BEARING	WEIGHT
WCS	9.9mm	Alloy	IS41/28.6 or IS42/28.6	IS 41/30 or IS42/30	41.0/41.8	41.0/41.8	46	Sealed Cartridge Ti Coated	70g
WCS Cross	16.8mm	Alloy	IS42/28.6	IS42/30	41.8	41.8	46	Sealed Cartridge Ti Coated	85g
PRO	9.9mm	Alloy	IS41/28.6 or IS42/28.6	IS 41/30 or IS42/30	41.8	41.0/41.8	46	Sealed Cartridge	70g
PRO Cross	16.8mm	Alloy	IS42/28.6	IS42/30	41.8	41.8	46	Sealed Cartridge	74g
Comp Taper	16.4mm	Alloy	IS42/28.6	IS52/40	41.8	52	46	Semi Cartridge	133g

## HEADSET SPACERS

- » Available in 5mm and 10mm precut heights
- » Outer diameter is contoured to blend with Ritchey stem OD
- » CNC machined for precision
- » Alloy spacers available in Wet White and BB Black



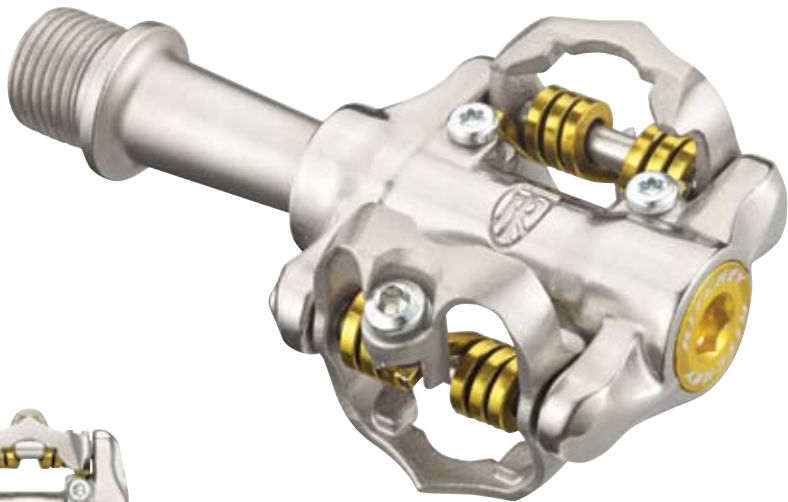
SPACERS	MATERIAL	FINISH	HEIGHT	
			5MM	10MM
RITCHEY CARBON WCS	Carbon	3K Carbon	X	X
PRO	Alloy	BB Black/Wet White	X	X



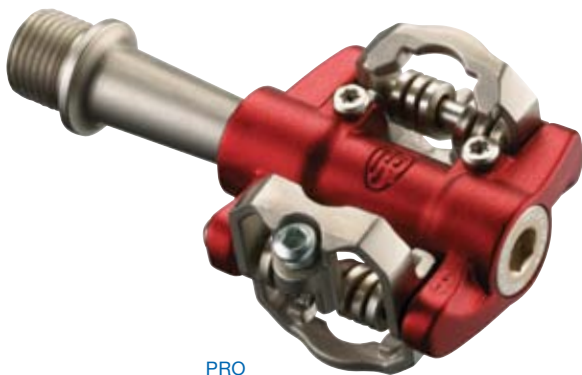
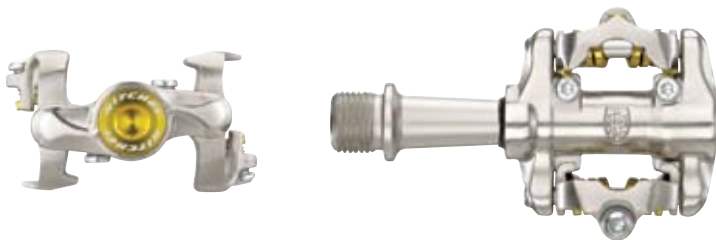
PARADIGM MTN PEDALS

Ritchey's latest World Cup caliber clipless pedal design.

- » Proven retention system offers fast, predictable entry and release and excellent mud shedding characteristics
- » Machined retention claw and pedal body improve action while shaving unwanted weight
- » Low profile cleat design and overall height for optimal pedaling efficiency
- » CroMo steel axle and tough forged aluminum body
- » Bushing, needle and cartridge bearing systems for long service life and excellent protection from the elements
- » Polished finish with Gold springs and end caps






WCS



PRO



PRO

MOUNTAIN PEDALS	BODY	AXLE MATERIAL	INNER BEARING	MIDDLE BEARING	OUTER BEARING	FLOAT	FINISH	WEIGHT
 <i>Paradigm</i>	Forged Alloy	CroMo	Bushing	Needle	Sealed Cartridge	4°	Polished	225g
 <i>Paradigm</i>	Forged Alloy	CroMo	Bushing	Needle	Sealed Cartridge	4°	BB Black, Red Anodized	255g
 <i>V4</i>	CroMo	CroMo	Ball bearing	—	Ball bearing	4°	White	340g

## COMP V4 MTN PEDALS

- » Low profile Body
- » Cast steel body is stronger and lighter than competing alloy versions
- » Smooth burnished bearing surfaces
- » Uses top quality Ritchey bearing grease
- » Available in white with black axle and claws




## ECHELON ROAD PEDAL

The Echelon offers a proven pedal design in a lightweight, reasonably-priced package.

- » Combination of bushings and bearings for extremely long life
- » Low profile cleat/pedal interface for maximum pedaling efficiency
- » Adjustable spring tension
- » Long-life aluminum body and high strength carbon claw
- » Sealed cartridge outer bearing



ROAD PEDALS	BODY	AXLE MATERIAL	CLAW	INNER BEARING	MIDDLE BEARING	OUTER BEARING	FLOAT	COMPATABILITY	FINISH	WEIGHT
 Echelon	Forged Alloy	CroMo	Nylon/Carbon	Bushing	Needle	Sealed Cartridge	7°	Look Keo™	BB Black	233g

## CARBON ROAD FORKS

- » One piece carbon monocoque design (WCS & Pro)
- » High Modulus Fiber (HMF) for superior strength
- » Use of different fiber types based on their specific properties to handle different load types as best as possible in the areas they occur (e.g. side load, torsion, impact,...)
- » Fiber orientation has been optimized to absorb and dissipate loads
- » Smooth internal fiber flow in crown/steerer area to deliver best force transfer from crown to shaft and increased impact strength
- » Available in 43 or 45mm rake versions



CARBON ROAD FORK	BLADE	CROWN	STEERER	RAKE	DROP OUT	CROWN DIA.	AXLE TO CROWN	FINISH	WEIGHT
<b>RITCHEY CARBON</b> <b>WCS</b>	Carbon	Carbon	Carbon	43/45	Alloy	45	368	UD Carbon	299g
<b>RITCHEY CARBON</b> <b>PRO</b>	Carbon	Carbon	Carbon	43/45	Alloy	45	368	UD Carbon	345g
<b>RITCHEY CARBON</b> <b>Comp</b>	Carbon	Alloy	Alloy	43/45	Alloy	45	368	UD Carbon	540g
<b>RITCHEY CARBON</b> <b>Comp</b> 1"	Carbon	Alloy	Alloy	43	Alloy	35	365	3K Carbon	467g

## WCS CARBON CROSS FORK

- » Specially formed blades provide precision handling and superb vibration damping
- » Designed to work with either integrated headsets or standard headsets
- » Monocoque construction
- » One of the lightest cyclocross forks on the market
- » Available in 45 and 50mm crown diameters



WCS CROSS



COMP  
CROSS 1"

## CARBON MOUNTAIN FORKS





Finely tuned ride feel—laterally and torsionally stiff with just the right amount of give to smooth out roots and rock gardens.

- » One piece carbon crown and steer tube section with molded legs
- » Full carbon dropouts and brake mount
- » Suspension-corrected axle-crown height based on 100mm suspension fork
- » 29er and 27.5"/650b versions available



WCS MTN

NEW

CARBON CROSS FORK	BLADE	CROWN	STEERER	RAKE	BLADE SHAPE	DROP OUT	CROWN DIA.	AXLE TO CROWN	SIZE	FINISH	WEIGHT
	Carbon	Carbon	Carbon	45	Straight	Alloy	45/50	400	700c	UD Carbon	470g
 1"	Carbon	Alloy	Alloy	45	Curved	Alloy	46	395	700c	3K Carbon	680g
CARBON MTN FORKS	BLADE	CROWN	STEERER	RAKE	BRAKE MOUNT	DROP OUT	CROWN DIA.	AXLE TO CROWN	SIZE	FINISH	WEIGHT
	Carbon	Carbon	Carbon	42	Post	Carbon	50	459	27.5"	UD Carbon	615g
	Carbon	Carbon	Carbon	45	Post	Carbon	50	470	29"	UD Carbon	625g

[ All weights shown are with uncut steerer tube. ]



# GRIPS & ACCESSORIES

## TRUEGRIP™ GRID

- » Dual compound, no-slip Kraton rubber
- » Ergonomically designed with TR shield pattern
- » Available in black/blue, black/grey, black/red, black/white



## WCS TRUEGRIP

- » Tough neoprene foam is superlight, plush and grippy even in wet conditions
- » Slim anatomical shape
- » One of the lightest grips available
- » 43g without end plugs



## WCS ERGO LOCKING TRUEGRIP

- » Tough high density foam is superlight, plush and grippy even in wet conditions
- » Slim anatomical shape
- » 133g without end plugs



## WCS ERGO TRUEGRIP

- » Tough neoprene foam is superlight, plush and grippy even in wet conditions
- » Inner "hand-stop" collar
- » 36g without end plugs



## TGV

- » Aggressive design works great even in nasty conditions
- » Pro: Dual compound won't slip on the bar or in your hand
- » Comp: Single compound
- » Available in 96mm or 129mm lengths



## TRUEGRIP VI

- » Dual compound, no-slip Kraton rubber
- » Endplugs available for 15-17mm, 18-20, 3mm and 19-21mm inner diameter
- » Ergonomically designed
- » Available in black and white



## BAR TAPE & ADJUSTABLE PLUGS

- » Highest quality tape
- » Embossed logo
- » Shock absorbing, non-slip and sweat resistant
- » 2 sided self adhesive backing
- » 180cm length
- » Adjustable bar end plug available in black, blue, red, yellow, white



## ROAD BARREL ADJUSTERS

- » Allows for derailleur adjustments from the handlebars



## MULTI-TORQKEY

- » Properly install your Ritchey bars and stem without fear of over-tightened bolts. The torque key is calibrated to 5Nm with an indication you both feel and hear. Now available with interchangeable bits in popular sizes:
- » 5mm, 4mm and 3mm hex keys and T-20 Torx
- » Magnetic bit retention



## BREAK-AWAY® TORQKEY

- » 4Nm For Break-Away frame clamps
- » 53 grams



## SNAP ON RIM TAPE

- » Offers secure, snug fit to rim
- » Coating resists "creeping" on the rim—perfect for OCR rims
- » Will not dimple into spoke holes—even at high performance road tire pressures
- » Available in 700c/17mm, 700c/20mm, 650c/17mm, 26"/17mm and 26"/20mm





RITCHEY DESIGN  
CORPORATE OFFICE

620 Spice Island Drive  
Sparks, NV 89431

RITCHEY DESIGN SALES  
& WARRANTY OFFICE

575 Old County Road  
San Carlos, CA 94070  
1-800-Ritchey (748-2439)  
tel - (650) 587.1841  
fax - (650) 596.7384

RITCHEY  
INTERNATIONAL, LTD

Via Cantonale 2,  
Grancia-Lugano  
CH-6916  
fax. 41.91.960.5221

RITCHEY DESIGN, INC.  
TAIWAN BRANCH

22F-1, #123 Chungang Rd. Sec 3  
Taichung 407  
Taiwan R.O.C.  
fax: 886.4.2358.9297

RITCHEYLOGIC.COM