



 **MERLIN**[®]

WWW.MERLINBIKE.COM

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Merlin Classic line...

For nearly a quarter century Merlin Metalworks has set the standard for the world's finest bikes. Each frame is hand-crafted from aerospace-grade materials to our exacting tolerances. Climb onto a Merlin and find out what smooth tracking and phenomenal acceleration are really like.

Very few companies can work with titanium, even fewer do it well... but no one creates titanium perfection better than Merlin. We even specify our own tubes each to ensure maximum tensile strength, add ultrasonic and Eddy current testing and you know this is going to be a light, strong and perfectly crafted bike. We are so confident in our tube creation and build quality that we offer a lifetime warranty on all of our titanium frames.

Extralight



Classic Performance



Stiff and light thanks to an all-new MTS butted 3/2.5 oversized titanium tubeset.

New oversized tube shaping and forming enhance bottom bracket stiffness while maintaining a resilient ride.

The Extralight's nonintegrated, elegantly engraved head tube attests to Merlin's meticulous artistry and decreases frame weight.

Merlin signature hourglass shaped seatstays coupled with massive 1" tapered, doubled butted chainstays.

SIZES

49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | custom

Weight | 2.75 lbs (55)

Cielo



Form Meets Function



Exclusive Ti-lugged Carbon Technology blends carbon and titanium for a smooth and fast ride.

Individually sculpted and engraved lugs fuse artistry with cutting-edge technology.

Hourglass-shaped carbon seatstays add to the smooth ride.

Massive 1" chainstays for the ultimate in propulsion.

SIZES

49 | 51 | 53 | 55 | 57 | 59 | 61 | custom

Weight | 3.12 lbs (55)

Cyrene



Inimitable Performance



Merlin MTS 3/2.5 size specific titanium tubing is strong and light.

Stunning artistic engravings (new for 2006) add to the unique aesthetic appeal of this frame.

Beautiful Merlin signature hourglass-shaped 3/2.5 titanium seatstays offer an extremely smooth ride.

SIZES

49 | 51 | 53 | 55 | 57 | 59 | 61 | custom

Weight | 3.08 lbs (55)

Solis



Long Haul Comfort



Designed for comfort, the Solis utilizes a taller head tube and a shorter top tube to put the rider in a more upright and comfortable riding position.

Elegant Merlin signature hourglass titanium seatstays aid in rider comfort by absorbing road-induced vibrations.

Lower stand-over height and greater comfort thanks to the sloping top tube.

Superior power transfer from MTS 3/2.5 titanium tubing selection.

SIZES

S | M | ML | L | XL | custom

Weight | 3.06 lbs (M)

Camena



Female Specific



Merlin MTS 3/2.5 size specific titanium tubing is strong and light.

Specifically designed geometry with the female physique in mind.

Meticulous engravings on the headtube, bottom bracket, and seatstays add to the bike's refined beauty.

Hourglass-shaped seatstays offer a smooth ride.

SIZES
XS | S | M | L | XL | custom

Weight | 2.95 lbs (M)

Merlin Custom

Everything is better as a custom

Tom Kellogg, the legendary frame designer, oversees the development of all Merlin products and is a major influence upon every custom frame we produce.

The Merlin "Made To Measure" program allows the discerning cyclist the chance of owning a custom Merlin frameset built to their own specific requirements.... Need fender eyelets on a race machine? No problem! Need a 59cm top tube and 49 cm seat tube? No problem! Need a female specific design? No problem.

You fill the form out on the website - merlinbike.com - take it to your local Merlin dealer, after you place an order they send the form to us. We then return a CAD drawing of your frame to your dealer. After consultation with the designer, you approve your frame design and the bike is delivered to your Merlin dealer.

For more information please visit www.merlinbike.com



Road

*Components for all road bikes Classic & Works Line.

Mtn.

*Components for XLM 6/4 & MR 3/2.5

Component	Dura Ace ProBuild	Dura Ace	Ultegra	XTR Disc	XT Disc
Headset	Chris King	Cane Creek SOLOS	Cane Creek S-3	Cane Creek S-3	Cane Creek S-3
Handlebar	ITM K-Sword Carbon 31.8	ITM Mantis 31.8	ITM Mantis 31.8	Flat & Riser	Flat & Riser
Stem	ITM Millenium 4-Ever Carbon 31.8	ITM Mantis 31.8	ITM Mantis 31.8	FSA OS-115 31.8	FSA OS-170 31.8
Grips / Bar Tape	Cork Black	Cork Black	Cork Black	Oury Mtn Grips	Oury Mtn Grips
Saddle	fi'zi:k Arione Ti	fi'zi:k Aliante Sport Ti	fi'zi:k Aliante Sport Ti	Fi'zi:k Gobi	Fi'zi:k Aliante Sport Ti
Seat Post	Real Design Carbon	FSA SLK Carbon	Thomson	Thompson	Thompson
Front Derailleur	Dura Ace 7800	Dura Ace 7800	Ultegra 6600	XTR	XT
Rear Derailleur	Dura Ace 7800	Dura Ace 7800	Ultegra 6600	XTR	XT
Shifters	Dura Ace 7800	Dura Ace 7800	Ultegra 6600	XTR	XT
Cranks	Dura Ace 7800	FSA SLK Carbon	Ultegra 6600	XTR	XT
Bottom Bracket	Dura Ace 7800	MegaExo	Ultegra 6600	XTR	XT
Cassette	Dura Ace 7800	Ultegra 6600	Ultegra 6600	XTR	XT
Chain	Dura Ace 7800	Ultegra 6600	Ultegra 6600	Dura Ace / XTR	Shimano
Brakes	Dura Ace 7800	Ultegra 6600	Ultegra 6600	XTR Disc	XT
Wheelset	Mavic Ksyrium SL	Real Design UltraSphere	Real Design SuperSphere	CrossMax SL Disc	CrossMax Enduro Disc
Tires	Vittoria Rubino Pro	Vittoria Rubino Pro	Vittoria Rubino Pro	Continental Explorer	Continental Explorer

Classic	WORKS															WORKS	WORKS																																																																																																								
	Size (cm)	Seat Tube Length (cm)	Top Tube Length (cm)	Head Tube Length (cm)	Head Tube Angle	Seat Tube Angle	Chainsstay Length (cm)	Wheelbase (cm)	Standover Height (cm)	Front Center (cm)	BB Drop (cm)	Fork Rake (mm)	Frame Weight (grams)	Frame Weight (lbs)	Wheel Size		Size (cm)	Seat Tube Length (cm)	Top Tube Length (cm)	Head Tube Length (cm)	Head Tube Angle	Seat Tube Angle	Chainsstay Length (cm)	Wheelbase (cm)	Standover Height (cm)	Front Center (cm)	BB Drop (cm)	Fork Rake (mm)	Frame Weight (grams)	Frame Weight (lbs)	Wheel Size																																																																																										
Cielo	49	51	52.1	9	72.5	74.0	41.6	96.7	74.4	56.2	7.3	45.0	1370	3.02	700c	TR 6/4	49	51	52.1	10	72.5	74.0	41.6	96.7	74.5	56.2	7.3	45.0	1065	2.35	700c	51	53	53.3	10	73.0	74.0	41.6	97.8	75.7	57.2	7.0	45.0	1080	2.38	53	55	54.5	11	73.0	74.0	41.0	98.4	77.7	58.4	7.0	45.0	1105	2.43	55	57	55.5	12.5	73.5	73.5	41.0	98.3	79.3	58.3	7.0	43.0	1415	3.12	57	59	56.5	14.5	73.5	73.0	41.0	98.8	81.1	58.8	7.0	43.0	1425	3.14	59	61	57.5	16.5	74.0	73.0	41.0	99.0	83.0	59.0	7.0	40.0	1465	3.23	61	63	58.5	18.5	74.0	72.5	41.6	100.2	85.0	59.5	6.7	40.0	1480	3.26						
	Solis	S	47.5	53	12	72.0	73.5	42.0	98.3	72.4	57.6	8.0	50.0	1365	3.01		700c	CR 6/4	S	47.5	54.5	11	73.0	74.0	41.0	98.4	74.3	58.4	7.0	45.0		1050	2.31	700c	M	49.5	54.5	14	72.0	73.0	42.0	99.4	74.1	58.7	8.0	50.0	1390	3.06	ML	51	55.5	16	73.0	73.0	42.0	99.0	75.5	58.3	8.0	45.0	1415	3.12	L	53	56.5	18	73.0	72.5	42.5	100.0	77.7	58.8	8.0	45.0	1435	3.16	XL	56	58	20	73.0	72.0	42.5	100.9	80.0	59.7	8.0	45.0	1475	3.25																															
		Cyrene	49	51	52.1	9	72.5	74.0	41.6	96.8	74.3	56.3	7.3	45.0	1305		2.87		700c	TR 3/2.5	49	51	52.1	10	72.5	74.0	41.6	96.7	74.5	56.2		7.3	45.0		1130	2.49	700c	51	53	53.3	10	73.0	74.0	41.6	97.8	75.7	57.2	7.0	45.0	1170	2.58	53	55	54.5	11	73.0	74.0	41.0	98.4	77.6	58.4	7.0	45.0	1210	2.67	55	57	55.5	12.5	73.5	73.5	41.0	98.3	79.4	58.3	7.0	43.0	1400	3.08	57	59	56.5	14.5	73.5	73.0	41.0	98.8	81.2	58.8	7.0	43.0	1440	3.17	59	61	57.5	16.5	74.0	73.0	41.0	99.0	83.1	59.0	7.0	40.0	1540	3.39	61	63	58.5	18.5	74.0	72.5	41.6	100.2	85.1	59.5	6.7	40.0	1630	3.59
			Extralight	49	51	52.1	9.2	72.5	74.0	41.6	96.7	74.5	56.2	7.3	45.0		1130		2.49		700c	C110	51	54.5	53.3	12.4	73.0	74.0	41.6	97.8		75.6	57.2		7.0	45.0		1235	2.72	700c	53	56.5	54.5	14.4	73.0	74.0	41.0	98.4	77.5	58.4	7.0	45.0	1255	2.76	55	58.5	55.5	16	73.5	73.5	41.0	98.3	79.3	58.3	7.0	43.0	1275	2.81	57	60.5	56.5	17.7	73.5	73.0	41.0	98.8	81.1	58.8	7.0	43.0	1315	2.90	59	62.5	57.5	19.6	74.0	73.0	41.0	99.0	79.4	59.0	7.0	40.0	1400	3.08																									
				Camena	XS	43.5	49.3	10	71.0	73.5	41.0	95.1	67.7	54.6	5.0		45.0		1300		2.86		650 c	XLM 6/4	15.00	15.00	22.2	4.2	71	73.5		16.8	40.8		27.9	***		1.4	1.5		1120	2.47	700c	16.25	16.25	22.8	4.4	71	73.5	16.8	41.5	28.9	***	1.3	1.5	1275	2.81	17.50	17.50	23.4	4.7	71	73.0	16.8	41.9	29.8	***	1.2	1.5	1310	2.89	18.75	18.75	24	5.3	71	72.5	16.8	42.4	30.9	***	1.2	1.5	1410	3.11	20.00	20.00	24.7	6.3	71.5	72.5	16.8	42.9	32.1	***	1.2	1.5	1450	3.19																						
					Camena	S	45.5	51.5	13.5	71.5	73.5	41.0	97.0	70.3	56.6		5.0		45.0		1330		2.93		700c	MR 3/2.5	15.00	15.00	22.2	4.2		71	73.5		16.8	40.8		27.9	***		1.4	1.5		1230	2.71	700c	16.25	16.25	22.8	4.4	71	73.5	16.8	41.5	28.9	***	1.3	1.5	1375	3.03	17.50	17.50	23.4	4.7	71	73.0	16.8	41.9	29.8	***	1.2	1.5	1400	3.08	18.75	18.75	24	5.3	71	72.5	16.8	42.4	30.9	***	1.2	1.5	1545	3.40	20.00	20.00	24.7	6.3	71.5	72.5	16.8	42.9	32.1	***	1.2	1.5	1570	3.46																			

**All specs for XLM 6/4 and Mr 3/2.5 are in inches





Merlin Works line...

"create a range of bikes within Merlin that screams performance, a category that doesn't rely on the aesthetics but more the out-and-out racer that wants the ultimate race machine beneath them"

-Tom Kellogg

Little did Tom Kellogg know that his words would touch off a chain of events that had the R & D team collecting influences and knowledge from around the globe: design teams in Chattanooga, Tennessee, product advisers from a cycling team headed up by cycling legend Sean Kelly himself. Our test riders were a mix of young and old, seasoned as well as fresh racers from across the globe. Our Merlin development squad was testing bikes that they didn't even know would carry the Works badge. And 18 months later we have a collection of bikes that we simply call: "Works". No fancy names, we just call them what they are, so if you see the Works name you know the bike has been created with one goal: ultimate performance.

Using for the first time 6/4 titanium tubes in abundance, the new line up is a collection of the best materials and the finest engineering. We invite you to sample the Works line at your Merlin dealer. We're confident you'll feel the difference.



CR 6/4



CR 3/2.5



Ultimate Performance



New compact frame design for light-weight performance that excels on climbs.

MTS2 butted, tapered and shaped 6/4 titanium tubing for optimum strength to weight ratio.

Ultra-stiff bottom bracket and 1" chain-stays make for great drivetrain stiffness, and superb power transfer.

Beautiful artistry of Merlin can be seen in the elegantly engraved head tube.

SIZES

S | M | ML | L | XL | custom

Weight | 2.38 lbs (M)

Ultimate Versatility



Compact frame geometry crafted from newly designed shaped MTS2 3/2.5 size-specific tubing is light and nimble.

The hourglass seat stays and 1" chain stays offer exceptional climbing ability and acceleration.

This two-wheeled "rocket" is stiff, responsive and breathtakingly fast.

SIZES

S | M | ML | L | XL | custom

Weight | 2.56 lbs (M)

TR 6/4



Ultimate Traditional Performance



New stiffer and lighter design thanks to an all-new oversized MTS2 butted 6/4 titanium tapered and ovalized tubeset.

New oversized tube shaping and forming enhance drivetrain stiffness while maintaining a resilient ride.

The nonintegrated engraved head tube attests to Merlin's meticulous artistry and decreases frame weight.

New sleek hourglass shaped seatstays coupled with newly designed massive tapered and doubled-butted chainstays provide smooth riding, acceleration and superb climbing ability.

SIZES

49 | 51 | 53 | 55 | 57 | 59 | 61 | custom

Weight | 2.49 lbs (55)

TR 3/2.5



Ultimate Traditional Versatility



Traditional frame geometry crafted from newly designed shaped MTS2 3/2.5 size-specific tubing is light and nimble.

The hourglass seat stays and 1" chain stays offer exceptional climbing ability and acceleration.

This two-wheeled "rocket" is stiff, responsive and breathtakingly fast.

SIZES

49 | 51 | 53 | 55 | 57 | 59 | 61 | custom

Weight | 2.75 lbs (55)

XLM 6/4



Ultimate Hardtail Period



Merlin newly designed tapered and butted MTS2 6/4 size-specific titanium tubing is light and strong.

New oversized tubeset guarantees excellent ride quality.

Disc-specific dropout allows use of the most advanced braking technology.

Optional V-Brake bosses and routing available.

Voted *Hardtail of the Year* by "What Mountain Bike Magazine", UK

SIZES

15 | 16.25 | 17.5 | 18.75 | 20 | custom

Weight | 2.89 lbs (17.5)

MR 3/2.5



Mountain Versatility



Merlin MTS2 3/2.5 straight gauge size-specific titanium tubing is strong, responsive and built for long-term durability.

Oversized tubeset for superb trail performance.

Disc-specific dropout allows use of the most up-to-date braking technology.

Low profile hydraulic line guides are light and easy on your thighs.

Same proven geometry as the XLM.

SIZES

15 | 16.25 | 17.5 | 18.75 | 20 | custom

Weight | 3.08 lbs (17.5)

C110



Traditional and Contemporary



The all-new C110 Works is a revolutionary bike.

Frame is made of very fine, uni-directional, optimum, low density carbon —the finest carbon made today.

Merlin race proven road race geometry in a carbon frame for ultimate quality, aesthetics and performance.

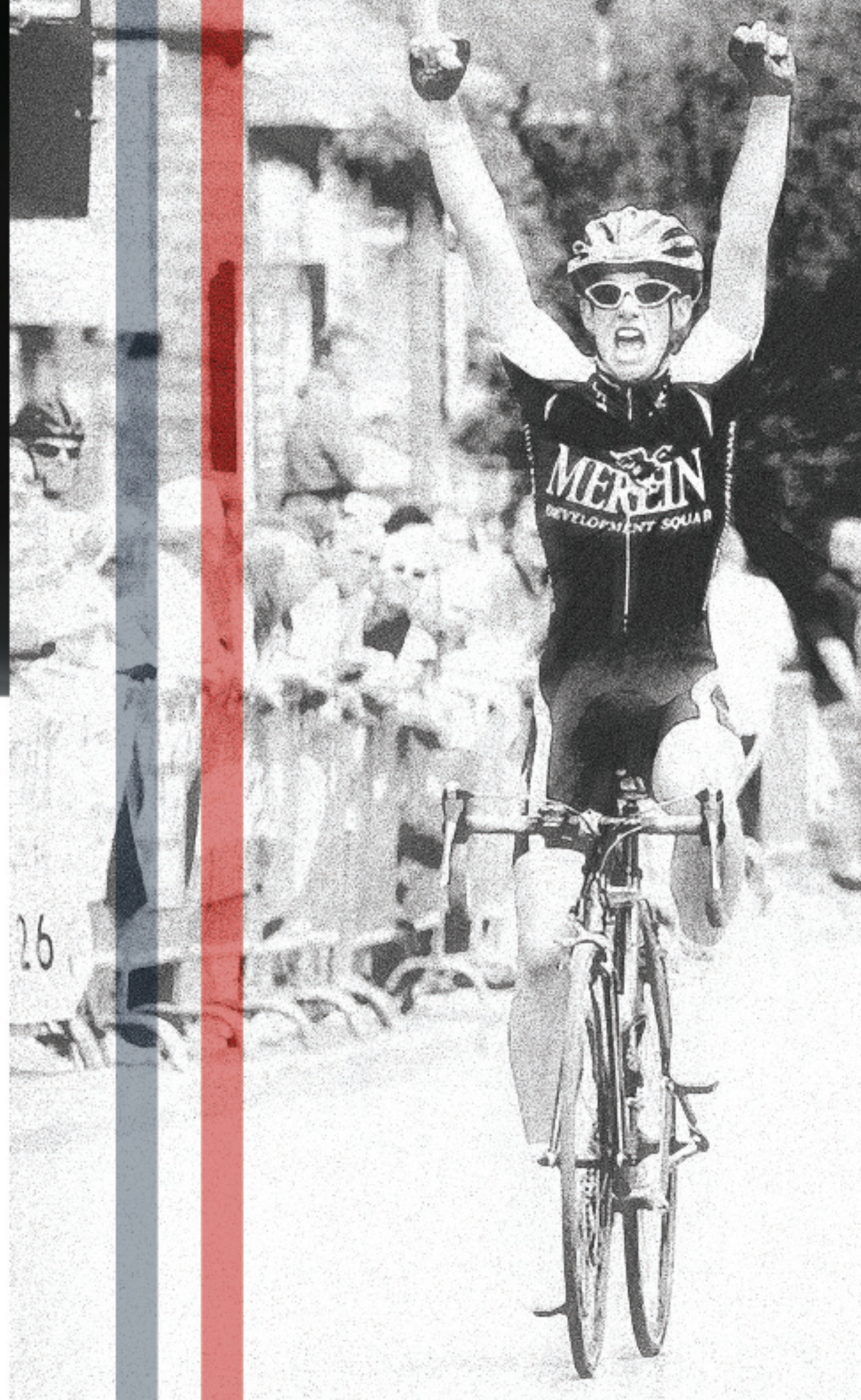
Ride quality beyond other carbon bikes

Unique in the realm of carbon frames, the C110's dropouts are titanium

SIZES

51 | 53 | 55 | 57 | 59

Weight 2.81 lbs (55)





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