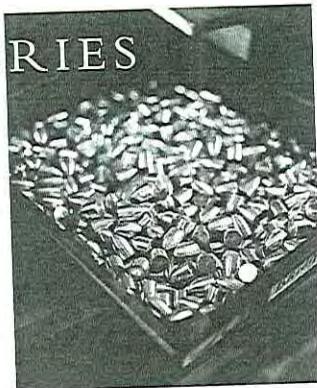


1999 KLEIN BICYCLES

ADROIT SERIES



ADROIT PRO™

SIZES XS, SM, MD, LG, XL

FRAME Klein Full 6061 T6 Gradient Aluminum

WHEEL SYSTEM Rolf® Propel

FT SUSPENSION Custom painted Manitou® SX Carbon 70mm travel, Mission Control 3 & lockout lever

DRIVETRAIN XTR

PEDALS Time Atac Carbon clipless

FRAME WEIGHT 2.9 pounds, 1.315kg

OPTIONS Adroit Pro Fuselage™
(frame, fork, stem, AirHeadset)

The 1999 Adroit™ is designed to be the ultimate cross-country racing bike. When comparing similar equipment (frame / fork / stem / headset), it's one of the lightest fuselages on the planet. Even so, it offers incredible frame stiffness for point-and-shoot steering control. The prime directive of this cross-country killer is to reduce weight and maximize performance. To this end, we pair our custom-made Precision Gradient Tubeset with our patented Mission Control™ / AirHeadset™ system.

The Adroit comes standard with many innovative features from Gary, including cable-routing, the world's first integrated seatpost and an eye-popping paint job. The standard model even comes with a choice of custom painted Manitou® SX carbon forks. The 1999 Adroit series is built to ride it to believe it.





MISSION CONTROL



Mission Control Road Stem



Mission Control ATB Stem

The nexus of control on a road or mountain bike is the headset. Since the first-generation Mission Control system, Klein has continually revolutionized headset design, maximizing responsiveness while saving weight. The new MC3® system features a superlight stem, custom-made by iCON®. This is paired with our patented AirHeadset, now in its third revolutionary incarnation. Using a sealed bearing system pressed directly into the headtube, we've created a headset 50 percent lighter and seven times



ADROIT RACE™

SIZES XS, SM, MD, LG, XL

FRAME Klein Full 6061 T6 Gradient Aluminum

WHEEL SYSTEM Bontrager® Race Lite

FT SUSPENSION Manitou SX-R 70mm travel,
Mission Control 3 & lockout lever

DRIVETRAIN XT / XTR

PEDALS Time Atac clipless

FRAME WEIGHT 2.9 pounds, 1.315kg

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With all
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ATTITUDE SERIES



ATTITUDE RACE™

SIZES XS, SM, MD, LG, XL

FRAME Klein Full 6061 T6 Gradient Aluminum

WHEEL SYSTEM Bontrager Race

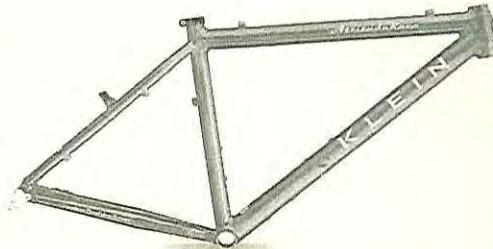
FT SUSPENSION Manitou SX 70mm travel,
TPC, Alloy steerer & lockout lever

DRIVETRAIN LX / XTR

PEDALS Bontrager RE-1 clipless

FRAME WEIGHT 3.1 pounds, 1,406kg

OPTIONS Attitude Race Frame (Blue to Blue linear fade)



3.1 pounds. Most companies can't even get there. That's the frame weight of the new Klein Attitude™, a pro-level ride without the pro-level sticker shock.

Have you ever ridden a handmade pro-level bike? Here's your chance. We start with the same Precision Gradient Tubeset that we use in the Adroit Pro, our hardtail flagship. We route the cables externally instead of internally, and use a standard inch-and-one-eighth headtube. By doing it this way, we save some time and pay a very small weight penalty. How small? Less than 60 grams.





"Racing improves the breed." We don't know who said it, but we couldn't agree more. Our company was founded on the basic premise of gaining competitive advantage through superior engineering. Racers wanted to go faster, and they looked to Gary Klein to help them achieve the performance results they sought. Racing is a part of our heritage, it's who we are.

Rishi Grewal has ridden for Klein for 4 years now and is, in part, responsible for where we are today. It's not often that you find an athlete with a big block V-8 for a motor, much less one who's articulate enough to seriously contribute to new product development. In his 4th year of racing for Team Klein, he's been the most consistently successful NORBA rider, dominating the National Championship Series with a 2nd place finish in 1996 and a 3rd in 1997. "The tubing is supreme. It offers a really light, efficient bike that climbs well, yet descends well too. It has incredible compliance compared to other aluminum frames. It's a plush ride," says Grewal.

Rishi capped his 1998 season with a stunning victory in the solo class of the 24 Hours of Moab, much to the chagrin of endurance legend, John Stamstead, who went on to place a distant second. We, as a company, are fortunate to have him in our family. A true professional, his legend grows with each passing year.

ATB RA

ATTITUDE COMP™

SIZES XS, SM, MD, LG, XL

FRAME Klein Full 6061 T6 Gradient Aluminum

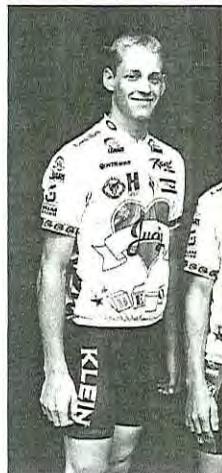
WHEEL SYSTEM Bontrager Comp

FT SUSPENSION Manitou SX-E 70mm travel,
TPC Sport damping

DRIVETRAIN LX / XT

PEDALS Bontrager RE-1 clipless

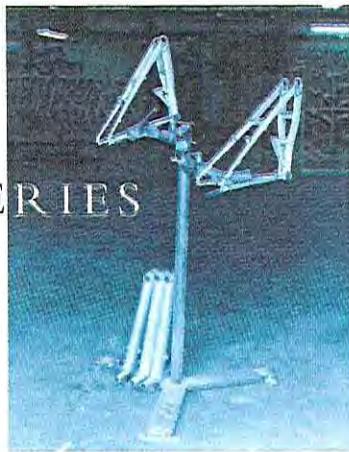
FRAME WEIGHT 3.1 pounds, 1.406kg



1998 also found Team Klein in the country, including a World Cup event like the trials events. Representative Devo captured the podiums and find themselves back on the team for 1999. 1999 marks another successful year for Team Cadillac Cat, and they continued success.



MANTRA SERIES



The terrain around Chehalis is most often slick, rutted, and rooty. need, the Mantra® was created. Riding in the capital forest is like a lunar-landing vehicle (minus the big helmet and funny suit). Stun technical sections became playgrounds instead of battlegrounds. thing is, it carved through singletrack like a surgical tool.

Quick. Precise. Agile. These aren't words typically used to describe a suspension bike. That makes sense; there's only one Mantra. We quickly realized the Mantra had the climbing tenacity of a sherpa and the singletrack agility of an Adroit. When we started hearing those descriptions from other people, we knew we were on to something huge.

For 1999, the Mantra gets a radical makeover, including a new carbon fiber frame for those of you concerned about weight (ahem). A new size-specific bottom bracket angle allows us to remove almost a half pound from the rear section. This also allows us to produce an extra-large size for the first time ever. The weight comes out through the use of our new barrel-shaped head tube.

The Mantra series provides the rider with better control through improved handling. This is largely thanks to frame rigidity, but can also be attributed to increased traction since the tires follow the ground so well. And of course, the responsiveness of the Adroit doesn't hurt.

MANTRA PRO™

SIZES SM, MD, LG, XL

FRAME Hексел® Honeycomb Carbon main, Klein Full 6061 T6 Gradient Aluminum rear

WHEEL SYSTEM Bontrager Race Lite

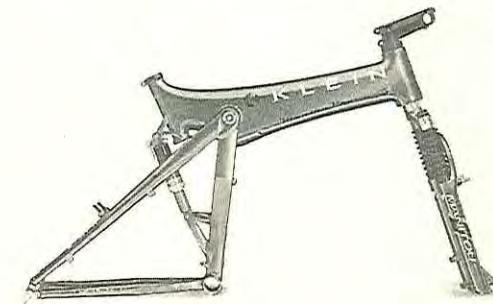
FT SUSPENSION Custom painted Manitou SX-Ti 80mm travel, Mission Control 3, lockout lever

RR SUSPENSION Fox® Air Vanilla-RC Air/Oil Cartridge, lockout lever

DRIVETRAIN XTR

PEDALS Time Atac Carbon clipless

OPTIONS Mantra Pro Fuselage™
(frame, fork, stem, AirHeadset)



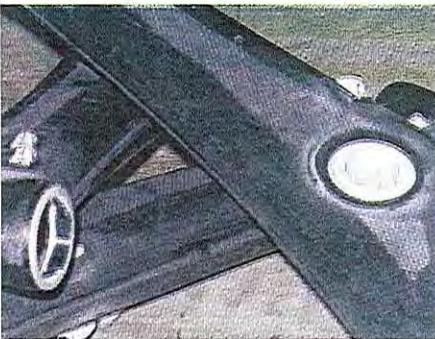
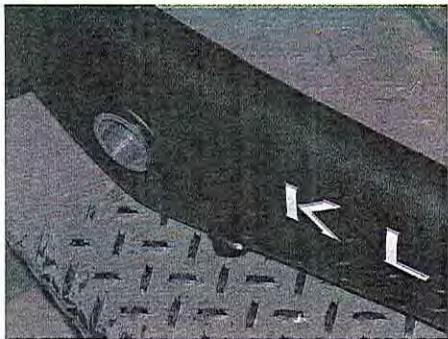


CARBON

Throughout our company's history, we've always taken the high road when selecting materials to build our frames. This mindset has served us well, and it has helped us produce some memorable frames along the way. To our way of thinking, there just are no shortcuts, especially where material selection is concerned. We've been making carbon road forks and handlebars for many years, so we knew we needed something special to make us seriously consider this project.

For this reason, we did our homework before selecting Honeycomb Carbon as the material to build our new Carbon Mantra. The carbon's unique honeycomb construction is ideal in the long flat torque tube application of the Mantra. A layer of hollow honeycombed material is sandwiched between two thin layers of carbon, producing an extremely stiff, yet lightweight tube. Compared to bicycles that are made with conventional carbon laminates, Honeycomb gives Klein a lighter structure that is also 20% stiffer and stronger!

Maintaining the quality standards that have defined our company for 25 years has once again served us well. We're extremely proud to introduce the 1999 Mantra Race and Mantra Pro.



MANTRA RACE

SIZES SM, MD, LG, XL

FRAME Hexcel Honeycomb Carbon main,
Klein Full 6061 T6 Gradient
Aluminum rear

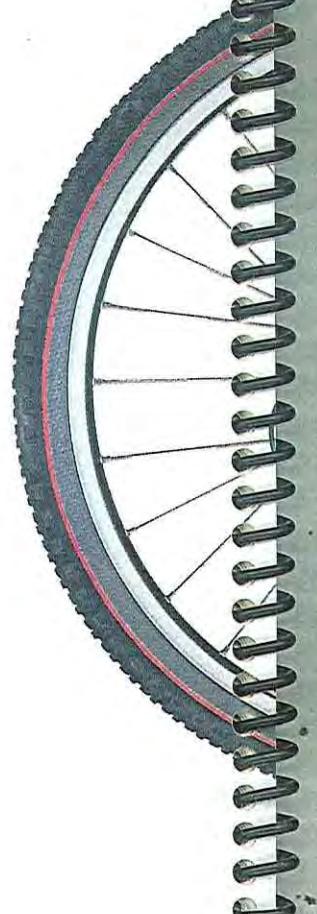
WHEEL SYSTEM Bontrager Race

FT SUSPENSION Manitou SX 80mm travel, TPC,
Mission Control 3, lockout lever

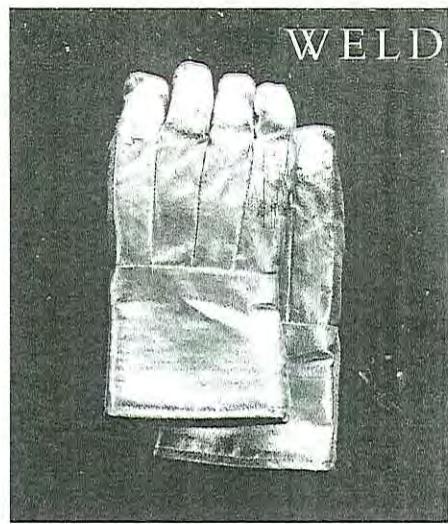
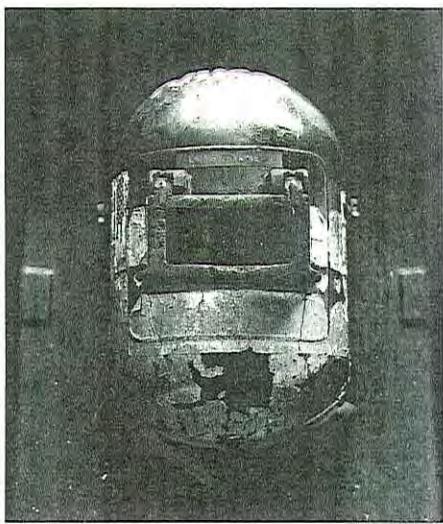
RR SUSPENSION Fox Air Vanilla-R Air/Oil
Cartridge, damping adjuster

DRIVETRAIN XT / XTR

PEDALS Time Atac clipless







A chain is only as strong as its weakest link. Everyone's familiar with that adage, and it is particularly apt where bicycles are concerned. That's why we're very particular about how we weld and who we let handle the torch. Every weld must receive welding taskmaster Karl Goodrich's approval before it leaves the weld area.

Karl Goodrich, Klein Welder

What's different about a Klein u with our welds is that we go c a finish welding process called for cosmetic purposes - it fla smooth surface. The important smooth surface by welding it weld to get a smooth finish.

What's wrong with that? It weak in there with a grinder and tak just put on to build up the jf from the physical strength of t to be bombing down a moun on a bike that's been ground.

Why don't other bike companies twice as long. You have to do you get your penetration. That weld. Then you have to go ov The other reason people prob a great deal of skill.

MANTRA COMP™

SIZES SM, MD, LG, XL

FRAME Klein 6061 T6 Aluminum Power Tubing main,
Klein Full 6061 T6 Gradient Aluminum rear

WHEEL SYSTEM Bontrager Race

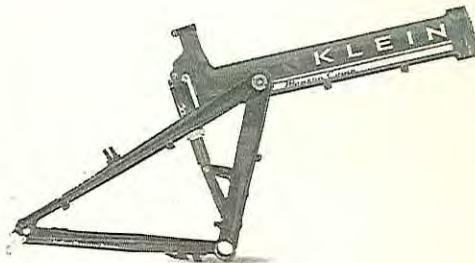
FT SUSPENSION Manitou SX 80mm travel, TPC,
Alloy steerer, lockout lever

RR SUSPENSION Fox Air Vanilla-R Air/Oil Cartridge,
damping adjuster

DRIVETRAIN LX / XTR

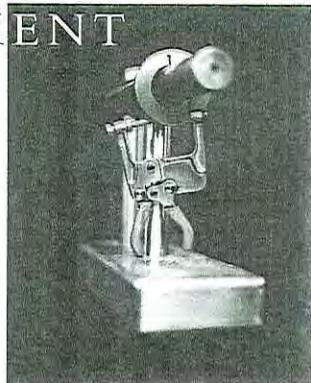
PEDALS Bontrager RE-1 clipless

OPTIONS Mantra Comp Frame (includes rear shock)





ALIGNMENT



There's a conspiracy afoot. Whether you realize it or not, you're the victim. You're being robbed of energy, efficiency and control. We're talking about frame alignment. We can guarantee that you won't find this subject in most manufacturer's catalogs. In fact, if most consumers understood the importance of proper alignment, we would be one of the few bicycle makers still in business.

An Alignment Primer:

Efficiency. Energy loss due to improper alignment is staggering when computed over the course of just one ride. It's the equivalent of being lapped in a criterium. It's been our experience that lapped riders get pulled. This is the amount of energy that an improperly aligned frame throws away. So, why not align the frame properly and use that saved energy for the bell lap or finish line sprint?



MANTRA^{*}

SIZES SM, MD, LG, XL

FRAME Klein 6061 T6 Aluminum Power Tubing main,
Klein Full 6061 T6 Gradient Aluminum rear

WHEEL SYSTEM Bontrager Comp

FT SUSPENSION Manitou SX-E 80mm travel,
TPC Sport damping, Alloy steerer

RR SUSPENSION Fox Air Vanilla-RC Air/Oil Cartridge

DRIVETRAIN LX / XT

PEDALS Bontrager RE-1 clipless

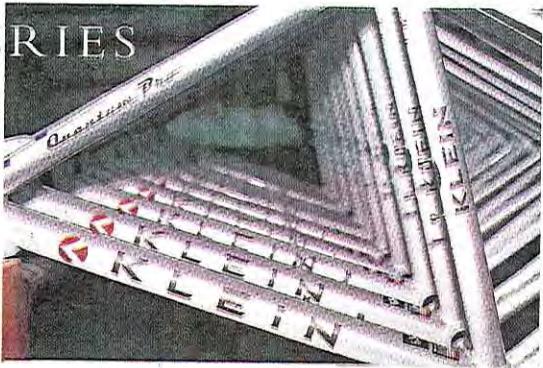
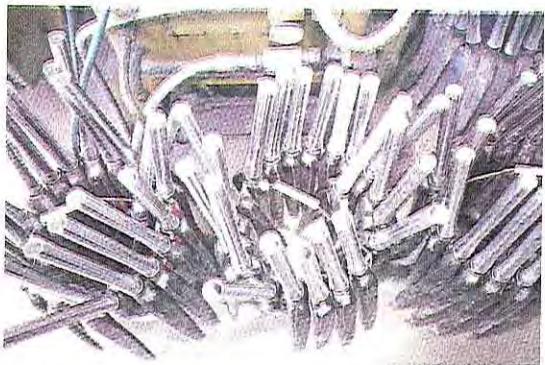
A properly aligned fi
tage. You hold the lin
you. With a well-ali
converted to straight
being misdirected sli
tube to bottom brack
frame is aligned to w
an inch. That's half the
A thin sheet of paper.

Precision alignment t
companies don't both

Precision alignment n
a standard feature on



ROAD SERIES



It's a common scenario. It might be a weekend at home or a sales meeting in some convention town. You get a wild urge to do something different, something crazy. You rent a high-performance sportscar for the afternoon.

It's red. Bright red. It's got more rubber on pavement than the Boston Marathon.

You spend the day strapped to this rocket-fuel burning, road-eating menace like some cartoon coyote. You alternately hang on for sweet life and shriek piercing whoops of unadulterated joy as you pull multiple g's through turns and punch the accelerator. Your concepts of speed, handling and performance are forever altered. The paint on your car will never seem quite so bright.

Introducing the 1999 Klein Quantum® line. Your road bike will never be quite the same.

QUANTUM PRO™

SIZES 51, 53, 55, 57, 59, 61, 63cm

FRAME Klein Full 6061 T6
Gradient Aluminum

WHEEL SYSTEM Rolf® Vector Pro

FORK Klein Aeros Carbon,
Mission Control 3

DRIVETRAIN Dura-Ace

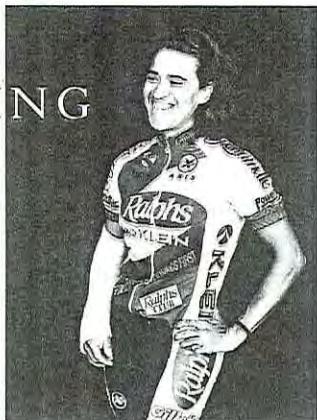
PEDALS 1999 Dura-Ace clipless

FRAME WEIGHT 2.7 pounds, 1.225kg

OPTIONS Quantum Pro Fuselage™
(frame, fork, stem, AirHeadset)



ROAD RACING



If you're wondering where you've seen our road bikes before, it could have been in any number of places. It might have been at the Tour de France. Or, it might have been at the Olympic Games. More than likely, you've seen us crossing the finish line in first place or you've seen our riders atop the podium. We've already explained how we do things, maybe we should talk about the "why."

If you have been reading VeloNews (or any other publication that covers competitive cycling) lately, you've undoubtedly noticed lots of riders from the Ralph's / Klein Women's professional road racing team grabbing headlines at the nation's largest and most prestigious cycling events. This group has been gobbling up victory after victory over the last four years, all astride factory stock Klein Quantum Pro road bikes. Some of the more impressive awards that this group has gathered recently include: 1st place at the 1996 Olympic Trials, the 1996 National Criterium Championship, Best North American Women's Team at the 1996 VeloNews Awards, Best Overall Team and Best Overall Individual in the 1996 Fresca Cup, the 1997 USPRO Championship, the 1997 Tour of the Americas Overall Championship and the 1997 National Time Trial Championship, to mention a few.

Riders on the Klein team spend more time than even Gary in the saddle, logging some 20+ hours per week and hammering out their interval, climbing and speed workouts. This is a demanding routine for a rider and requires a bike that is up to the task, one that's both fast and comfortable. The Quantum Pro has more than proven itself to the riders on the team.

QUANTUM RACE™

SIZES 51, 53, 55, 57, 59, 61, 63cm

FRAME Klein Full 6061 T6 Gradient Aluminum

WHEEL SYSTEM Rolf® Vector Comp

FORK ICON® Air Rail carbon

DRIVETRAIN Ultegra 9-speed

PEDALS ICON De la Sole clipless

FRAME WEIGHT 2.7 pounds, 1.225kg

OPTIONS Quantum Race T (triple version)
Quantum Race Frameset



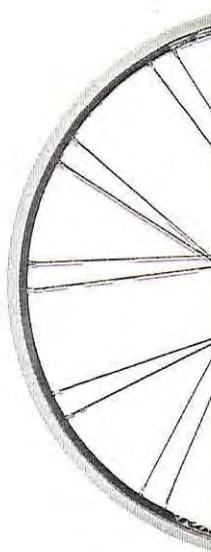
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THE PERFECT BALANCE



Wheels are secondary only to the frame in determining a bicycle's ride quality. Legendary wheelbuilder, Rolf, is as passionate about his wheels as we are about our frames. This level of excellence is on par with how we approach things here in Chehalis. Rolf has a very "Klein-like" understanding of the technological advantages that can be achieved through superior engineering. This very emphasis makes Rolf wheel systems our choice for all of our road bikes and our top-of-the-line hardtail.



QUANTUM®

SIZES 51, 53, 55, 57, 59, 61, 63cm

FRAME Klein Full 6061 T6 Gradient Aluminum

WHEEL SYSTEM Rolf® Vector

FORK ICON Air Rail carbon

DRIVETRAIN Shimano® 105 9-speed

PEDALS ICON De la Sole clipless

FRAME WEIGHT 2.7 pounds, 1.225kg

OPTIONS Quantum T (triple version)

The perfect wheel. critical design fea Strength. Service another, and the ba mance - with a per

Emphasize light w factor. Focus on du wheel. Push aerodyn weight and servicea

Rolf® understands t revolutionary new that delivers light aerodynamics to sli handle conditions serviceability to kee parts.

It's a balance you w



FRAME GEOMETRIES

SPECIFICATIONS

	Size	Typical Rider Height (in/cm)	Seat Tube Center to Top (in/cm)	Top Tube Standover (in/cm)	Bottom Bracket (in/cm)	Effective Top Tube Length (in/cm)	Chaintay Length (in/cm)	Wheelbase (in/cm)	Fork Rake (in/cm)	Fork Travel (mm)	Seat Tube Angle	Head tube Angle	Trail (in/cm)
Mantra	S	52"-54" / 157-163	N/A	28.59/72.63	12.20/30.99	22.65/57.30	16.40/41.66	41.05/104.27	1.50/3.81	80.00	64.60°	71.20°	2.88/7.31
	M	54"-59" / 163-175	N/A	29.04/73.77	12.40/31.50	23.39/59.40	16.40/41.66	41.79/106.15	1.50/3.81	80.00	65.10°	71.70°	2.80/7.12
	L	59"-61" / 175-185	N/A	30.63/77.80	12.55/31.88	24.02/61.00	16.40/41.66	42.37/107.63	1.50/3.81	80.00	65.10°	71.80°	2.73/6.94
	XL	61"-66" / 185-198	N/A	30.63/77.80	12.70/32.26	24.65/62.60	16.40/41.66	43.09/109.46	1.50/3.81	80.00	66.40°	71.80°	2.73/6.94
Mantra Comp	M	54"-59" / 163-175	N/A	29.04/73.77	12.40/31.50	23.39/59.40	16.40/41.66	41.79/106.15	1.50/3.81	80.00	66.10°	71.70°	2.80/7.12
	L	59"-61" / 175-185	N/A	30.63/77.80	12.55/31.88	24.02/61.00	16.40/41.66	42.37/107.63	1.50/3.81	80.00	65.10°	71.80°	2.73/6.94
	XL	61"-66" / 185-198	N/A	31.15/79.11	12.70/32.26	24.65/62.60	16.40/41.66	43.09/109.46	1.50/3.81	80.00	66.40°	71.80°	2.73/6.94
Mantra Race	M	54"-59" / 163-175	N/A	29.04/73.77	12.40/31.50	23.39/59.40	16.40/41.66	41.79/106.15	1.50/3.81	80.00	66.10°	71.70°	2.80/7.12
	L	59"-61" / 175-185	N/A	30.63/77.80	12.55/31.88	24.02/61.00	16.40/41.66	42.37/107.63	1.50/3.81	80.00	65.10°	71.80°	2.73/6.94
Attitude	XS	50"-54" / 152-162	14.00/35.6	26.33/66.67	11.34/28.80	21.65/55.00	16.40/41.66	40.69/103.35	1.50/3.81	70.00	73.20°	70.70°	3.00/7.63
	S	54"-59" / 152-162	15.75/40.0	27.68/70.30	11.50/29.21	22.56/57.30	16.40/41.66	41.27/104.82	1.50/3.81	70.00	73.20°	71.20°	2.88/7.31
	M	57"-59" / 170-175	17.50/44.5	28.93/73.49	11.70/29.72	23.39/59.40	16.40/41.66	41.78/106.12	1.50/3.81	70.00	73.20°	71.70°	2.75/7.00
	L	59"-61" / 175-185	19.25/48.9	30.39/77.19	11.80/29.95	24.02/61.00	16.40/41.66	42.07/106.86	1.50/3.81	70.00	73.20°	71.80°	2.73/6.94
Attitude Comp	XS	50"-54" / 152-162	21.00/53.3	32.07/81.45	11.92/30.27	24.65/62.60	16.40/41.66	42.48/107.89	1.50/3.81	70.00	73.20°	71.80°	2.73/6.94
	S	54"-59" / 152-162	22.00/57.1	33.50/85.01	12.10/31.50	25.39/66.67	16.40/41.66	43.09/109.46	1.50/3.81	70.00	73.20°	71.80°	2.73/6.94
	M	57"-59" / 170-175	22.40/57.1	34.00/87.01	12.20/31.50	26.39/67.30	16.40/41.66	43.60/110.15	1.50/3.81	70.00	73.20°	71.80°	2.73/6.94
	L	59"-61" / 175-185	22.80/57.1	34.50/88.33	12.30/31.50	27.39/68.69	16.40/41.66	44.19/110.86	1.50/3.81	70.00	73.20°	71.80°	2.73/6.94
Attitude Race	XS	50"-54" / 152-162	21.22/53.9	29.80/75.69	10.50/26.67	21.06/53.49	16.30/41.40	38.10/96.77	1.85/4.7	N/A	74.00°	73.50°	N/A
	S	54"-59" / 153-175	22.01/55.9	30.50/77.72	10.60/26.92	21.54/54.71	16.30/41.40	38.60/98.04	1.85/4.7	N/A	74.00°	73.50°	N/A
	M	59"-61" / 175-180	22.40/57.1	31.50/88.01	10.70/27.18	22.01/55.90	16.30/41.40	39.10/99.31	1.69/4.3	N/A	74.00°	73.50°	N/A
	L	61"-63" / 180-185	22.80/57.1	32.40/82.30	10.80/27.43	22.49/57.10	16.30/41.40	39.40/100.09	1.69/4.3	N/A	74.00°	74.00°	N/A
Adroit Race	XS	50"-54" / 152-162	21.22/53.9	29.80/75.69	10.50/26.67	21.06/53.49	16.30/41.40	38.10/96.77	1.69/4.3	N/A	74.00°	73.50°	N/A
	S	54"-59" / 153-175	22.01/55.9	30.50/77.72	10.60/26.92	21.54/54.71	16.30/41.40	38.60/98.04	1.69/4.3	N/A	74.00°	73.50°	N/A
	M	59"-61" / 175-180	22.40/57.1	31.50/88.01	10.70/27.18	22.01/55.90	16.30/41.40	39.10/99.31	1.69/4.3	N/A	74.00°	73.50°	N/A
	L	61"-63" / 180-185	22.80/57.1	32.40/82.30	10.80/27.43	22.49/57.10	16.30/41.40	39.40/100.09	1.69/4.3	N/A	74.00°	74.00°	N/A
Adroit Pro	XS	50"-54" / 152-162	21.22/53.9	29.80/75.69	10.50/26.67	21.06/53.49	16.30/41.40	38.10/96.77	1.69/4.3	N/A	74.00°	73.50°	N/A
	S	54"-59" / 153-175	22.01/55.9	30.50/77.72	10.60/26.92	21.54/54.71	16.30/41.40	38.60/98.04	1.69/4.3	N/A	74.00°	73.50°	N/A
	M	59"-61" / 175-180	22.40/57.1	31.50/88.01	10.70/27.18	22.01/55.90	16.30/41.40	39.10/99.31	1.69/4.3	N/A	74.00°	73.50°	N/A
	L	61"-63" / 180-185	22.80/57.1	32.40/82.30	10.80/27.43	22.49/57.10	16.30/41.40	39.40/100.09	1.69/4.3	N/A	74.00°	74.00°	N/A
Quantum	51cm	52"-54" / 157-163	21.22/53.9	29.80/75.69	10.50/26.67	21.06/53.49	16.30/41.40	38.10/96.77	1.85/4.7	N/A	74.00°	73.50°	N/A
	53cm	54"-59" / 153-175	22.01/55.9	30.50/77.72	10.60/26.92	21.54/54.71	16.30/41.40	38.60/98.04	1.85/4.7	N/A	74.00°	73.50°	N/A
	55cm	59"-61" / 175-180	22.40/57.1	31.50/88.01	10.70/27.18	22.01/55.90	16.30/41.40	39.10/99.31	1.69/4.3	N/A	74.00°	73.50°	N/A
	57cm	61"-63" / 180-185	22.80/57.1	32.40/82.30	10.80/27.43	22.49/57.10	16.30/41.40	39.40/100.09	1.69/4.3	N/A	74.00°	74.00°	N/A
Quantum Race	51cm	52"-54" / 157-163	21.22/53.9	29.80/75.69	10.50/26.67	21.06/53.49	16.30/41.40	38.10/96.77	1.85/4.7	N/A	74.00°	73.50°	N/A
	53cm	54"-59" / 153-175	22.01/55.9	30.50/77.72	10.60/26.92	21.54/54.71	16.30/41.40	38.60/98.04	1.85/4.7	N/A	74.00°	73.50°	N/A
	55cm	59"-61" / 175-180	22.40/57.1	31.50/88.01	10.70/27.18	22.01/55.90	16.30/41.40	39.10/99.31	1.69/4.3	N/A	74.00°	73.50°	N/A
	57cm	61"-63" / 180-185	22.80/57.1	32.40/82.30	10.80/27.43	22.49/57.10	16.30/41.40	39.40/100.09	1.69/4.3	N/A	74.00°	74.00°	N/A
Quantum Pro	51cm	52"-54" / 157-163	21.22/53.9	29.80/75.69	10.50/26.67	21.06/53.49	16.30/41.40	38.37/97.46	1.50/3.81	N/A	74.00°	73.50°	N/A
	53cm	54"-59" / 163-175	22.01/55.9	30.50/77.72	10.60/26.92	21.54/54.71	16.30/41.40	38.87/98.73	1.50/3.81	N/A	74.00°	73.50°	N/A
	55cm	59"-61" / 175-180	22.40/57.1	31.50/88.01	10.70/27.18	22.01/55.90	16.30/41.40	39.37/100.00	1.50/3.81	N/A	74.00°	73.50°	N/A
	57cm	61"-63" / 180-185	22.80/57.1	32.40/82.30	10.80/27.43	22.46/57.10	16.30/41.40	39.67/100.76	1.50/3.81	N/A	74.00°	74.00°	N/A
Quantum Race	51cm	52"-54" / 157-163	21.22/53.9	29.80/75.69	10.50/26.67	21.06/53.49	16.30/41.40	38.37/97.46	1.50/3.81	N/A	74.00°	73.50°	N/A
	53cm	54"-59" / 163-175	22.01/55.9	30.50/77.72	10.60/26.92	21.54/54.71	16.30/41.40	38.87/98.73	1.50/3.81	N/A	74.00°	73.50°	N/A
	55cm	59"-61" / 175-180	22.40/57.1	31.50/88.01	10.70/27.18	22.01/55.90	16.30/41.40	39.37/100.00	1.50/3.81	N/A	74.00°	73.50°	N/A
	57cm	61"-63" / 180-185	22.80/57.1	32.40/82.30	10.80/27.43	22.46/57.10	16.30/41.40	39.67/100.76	1.50/3.81	N/A	74.00°	74.00°	N/A
Quantum Pro	51cm	52"-54" / 157-163	21.22/53.9	29.80/75.69	10.50/26.67	21.06/53.49	16.30/41.40	38.37/97.46	1.50/3.81	N/A	74.00°	73.50°	N/A
	53cm	54"-59" / 163-175	22.01/55.9	30.50/77.72	10.60/26.92	21.54/54.71	16.30/41.40	38.87/98.73	1.50/3.81	N/A	74.00°	73.50°	N/A
	55cm	59"-61" / 175-180	22.40/57.1	31.50/88.01	10.70/27.18	22.01/55.90	16.30/41.40	39.37/100.00	1.50/3.81	N/A	74.00°	73.50°	N/A
	57cm	61"-63" / 180-185	22.80/57.1	32.40/82.30	10.80/27.43	22.46/57.10	16.30/41.40	39.67/100.76	1.50/3.81	N/A	74.00°	74.00°	N/A

* The Attitude is only available as an international model.

	Sizes	Frame	Stays	Fork/Suspension	Headset	Rear Shock	Crankset	Fr/Rr Derailleur
Mantra	S, M, L, XL	Klein 6061 T6 Aluminum Frame Klein Gradient Aluminum UFT		Manitou SX-E 80mm w/TFC sport damping & alloy stem	Dia-Compe STS Aheadset, sealed, Black	Fox AirVanilla Float	Shimano Deore LX 44al/32al/22al	(F) Shimano XTR (R) Shimano XTR SGS 9spd
Mantra Comp	S, M, L, XL	Klein 6061 T6 Aluminum Frame Klein Gradient Aluminum UFT		Manitou SX 80mm w/TFC alloy stem & lockout lever	Dia-Compe SAS alloy Aheadset, sealed, Black	Fox AirVanilla Float-R w/damping adjust	Shimano Deore LX 44al/32al/22al	(F) Shimano XTR (R) Shimano XTR SGS 9spd
Mantra Race	S, M, L, XL	New Klein Carbon Beam with AirHeadtube	Klein Gradient Aluminum UFT	Manitou SX 80mm w/TFC & lockout lever	Klein Precision MC3 AirHeadset	Fox AirVanilla Float-R w/damping adjust	Shimano Deore LX 44al/32al/22al	(F) Shimano XTR (R) Shimano XTR SGS 9spd
Mantra Pro	S, M, L, XL	New Klein Carbon Beam with AirHeadtube	Klein Gradient Aluminum UFT	Manitou SX-Ti 80mm travel with Hydraloc system	Dia-Compe ST-1 Aheadset, sealed, Black		N/A	Shimano XTR 46al/34al/24al
Attitude*	XS, S, M, L, XL	Klein Full Gradient Aluminum	Klein Gradient Aluminum	Manitou SX-E 70mm w/TFC sport damping	Dia-Compe STS Aheadset, sealed, Black		N/A	Shimano Alivio 42al/32al/22al
Attitude Comp	XS, S, M, L, XL	Klein Full Gradient Aluminum	Klein Gradient Aluminum	Manitou SX 70mm w/TFC, alloy stem & lockout lever	Dia-Compe SAS alloy Aheadset, sealed, Black		N/A	Shimano Deore LX 44al/32al/22al
Attitude Race	XS, S, M, L, XL	Klein Full Gradient Aluminum	Klein Gradient Aluminum	Manitou SX 70mm w/TFC & lockout lever	Dia-Compe SAS alloy Aheadset, sealed, Black		N/A	Shimano Deore LX 44al/32al/22al
Adroit Race	XS, S, M, L, XL	Klein Full Gradient Aluminum with AirHeadtube	Klein Gradient Aluminum	Manitou SX-R 70mm w/lockout lever	Klein Precision MC3 AirHeadset		N/A	Shimano Deore LX 44al/32al/22al
Quantum	51, 53, 55, 57, 59, 61, 63cm	Klein Full Gradient Aluminum	Klein Gradient Aluminum	ICON Air Rail Carbon	Tange Seiki DX alloy sealed		N/A	Shimano 105 53/55/59/61/63cm
Quantum Triple	51, 53, 55, 57, 59, 61, 63cm	Klein Full Gradient Aluminum	Klein Gradient Aluminum	ICON Air Rail Carbon	Tange Se			

Shifters	Bottom Bracket	Chain	Pedals	Wheel System	Hubset	Cassette	Spokes	Rims	Tires	Brakes	Brake Levers	Handlebars	Stem	Seatpost	Saddle	Grips/Tape
Shimano LX 9spd Rapidfire	Shimano BB-UN52	Shimano CN-HG72 9spd	Bontrager RE-1 clipless		(F) Bontrager Comp 28h w/dual spokeing (R) Bontrager Comp Freehub 32h	Shimano HG70-I 11-32, 9spd	DT 15g Black stainless	Bontrager Corvair (F) 28h Black (R) ASYM 32h Black	Bontrager Jones (F) 49/53 folding w/SL tube (R) 46/50 folding w/SL tube	Avid 10 10 Direct Pull	Avid SD 1.0L Single Digit	Bontrager Crow Bar 630mm/40mm rise	Bontrager Race AHS forged alloy	SP-312 alloy Micro adjust, 31.6mm	SDG Comp Ventura w/Cro-Mo rails	Bontrager Race dual density
Shimano LX 9spd Rapidfire	Shimano BB-UN52	Shimano CN-HG72 9spd	Bontrager RE-1 clipless	Bontrager Race		Shimano HG70-I 11-32, 9spd			Bontrager Revolt ST (F) 49/53 folding w/SL tube (R) 46/50 folding w/SL tube	Avid 10 20 Direct Pull	Avid SD 1.9 Single Digit	Bontrager Crow Bar Race Modified alloy 630mm/40mm rise	Bontrager Race AHS forged alloy	Thomson 31.6x370mm, Black	SDG Comp BelAir Black/Red w/Cro-Mo rails	Bontrager Race dual density
Shimano Deore XT STI 9spd Rapidfire	Shimano BB-UN72	Shimano CN-HG72 9spd	Time Atac clipless	Bontrager Race		Shimano HG90-I 11-34, 9spd			Bontrager Revolt ST (F) 49/53 127tpi folding (R) 46/50 127tpi folding	Shimano XT V-Brake combination brake/shift	Bontrager Comp 2 2014 alloy 580mm	Klein Forged MC3 Mission Control	Thomson 31.6x370mm, Black	SDG Comp BelAir Leather Black/Red w/Cro-Mo rails	Bontrager Race dual density	
Shimano XTR 9spd Std	Shimano XTR	Shimano Dura-Ace	Time Atac Carbon clipless	Bontrager Race Lite		Shimano XTR 12-34, 9spd			Bontrager Super-X 49/48 127tpi folding	Shimano XTR STI combination brake/shift	Bontrager Race Lite 580mm	Klein Forged MC3 Mission Control	Thomson 31.6x370mm, Black	SDG Comp Ventura w/Kevlar & Ti rails	Bontrager Race dual density	
Shimano M38 8spd Rapidfire	Shimano BB-LP27	KMC IG 31	ATB alloy, alloy cage with clips & straps		(F) Bontrager Comp 28h w/dual spokeing (R) Bontrager Comp Freehub 32h	Shimano HG50-I 11-30, 8spd	DT 15g Black stainless	Bontrager Corvair (F) 28h Black (R) ASYM 32h Black	Bontrager Jones (F) 49/53 (R) 46/50	Lee Chi TX 22 Direct Pull	Lee Chi LV 77	Bontrager alloy 580mm	Bontrager Comp AHS forged alloy	SP-312 alloy Micro adjust, 31.6mm	Bontrager FS+10 w/steel rails	Bontrager Race dual density
Shimano LX 9spd Rapidfire	Shimano BB-UN52	Shimano CN-HG72 9spd	Bontrager RE-1 clipless		(F) Bontrager Comp 28h w/dual spokeing (R) Bontrager Comp Freehub 32h	Shimano HG70-I 11-32, 9spd	DT 15g Black stainless	Bontrager Corvair (F) 28h Black (R) ASYM 32h Black	Bontrager Jones (F) 49/53 folding w/SL tube (R) 46/50 folding w/SL tube	Avid 10 10 Direct Pull	Avid SD 1.0L Single Digit	Bontrager Crow Bar Race Modified alloy 630mm/40mm rise	Bontrager Race AHS forged alloy	SP-312 alloy Micro adjust, 31.6mm	SDG Comp Ventura w/Cro-Mo rails	Bontrager Race dual density
Shimano LX 9spd Rapidfire	Shimano BB-UN52	Shimano CN-HG72 9spd	Bontrager RE-1 clipless	Bontrager Race		Shimano HG70-I 11-32, 9spd			Bontrager Revolt ST (F) 49/53 folding w/SL tube (R) 46/50 folding w/SL tube	Avid 10 20 Direct Pull	Avid SD 1.9 Single Digit	Bontrager Race alloy 580mm	Bontrager Comp 31.6mm, Black	SDG Comp BelAir Black/Red w/Cro-Mo rails	Bontrager Race dual density	
Shimano Deore XT STI 9spd Rapidfire	Shimano BB-UN72	Shimano CN-HG72 9spd	Time Atac clipless	Bontrager Race Lite		Shimano HG90-I 11-34, 9spd			Bontrager Super-X 49/48 127tpi folding	Shimano XT V-Brake combination brake/shift	Bontrager Race Lite 580mm	Klein Forged MC3 Mission Control	Bontrager Race Lite	SDG Comp BelAir Black/Grey w/Cro-Mo rails	Bontrager Race dual density	
Shimano XTR 9spd Std	Shimano XTR	Shimano Dura-Ace 9spd	Time Atac Carbon clipless	Rolf Propet XC		Shimano XTR 12-34, 9spd			Bontrager Super-X 49/48 127tpi folding	Shimano XTR STI combination brake/shift	Bontrager Race Lite 580mm	Klein Forged MC3 Mission Control	Thomson 31.6x370mm, Black	SDG Comp BelAir Black/Red w/Ti rails	Bontrager Race dual density	
Shimano 105 9spd, Flight Deck compatible	Shimano BB-UN500, splined	Shimano HG72, 9spd	ICON On the Sole Road clipless	Rolf Vector		Shimano HG70-I 12-25t, 9spd			Continental SS Ultra 700x25c	Shimano 105 dual pivot	Shimano 105 combination brake/shift	ICON Swoop Ergo 6061 alloy road	ICON Bordeaux front load	ICON 2014 alloy 31.6mm	Sella Italia Sphere w/Cro-Mo rails	ICON Cork Tape
Shimano 105 9spd, Flight Deck compatible	Shimano BB-UN500, splined	Shimano HG72, 9spd	ICON On the Sole Road clipless	Rolf Vector		Shimano HG70-I 12-25t, 9spd			Continental SS Ultra 700x25c	Shimano 105 dual pivot	Shimano 105 combination brake/shift	ICON Swoop Ergo 6061 alloy road	ICON Bordeaux front load	ICON 2014 alloy 31.6mm	Sella Italia Sphere w/Cro-Mo rails	ICON Cork Tape
Shimano Ultegra 9spd, Flight Deck compatible	Shimano BB-UNG500, splined	Shimano Ultegra 9spd	ICON On the Sole Road clipless	Rolf Vector Comp		Shimano HG90 12-25t, 9spd	-		Continental Gran Prix 3000 700x25c folding	Shimano Ultegra dual pivot	Shimano Ultegra combination brake/shift	ICON Stach Ergo 2014 alloy road	ICON Havana AHS front load	ICON 2014 alloy 31.6mm	Giro Fizik Pave w/Cro-Mo rails	ICON Cork Tape
Shimano Ultegra 9spd, Flight Deck compatible	Shimano BB-UNG500, splined	Shimano Ultegra 9spd	ICON On the Sole Road clipless	Rolf Vector Comp		Shimano HG90 12-25t, 9spd			Continental Gran Prix 3000 700x25c folding	Shimano Ultegra dual pivot	Shimano Ultegra combination brake/shift	ICON Stach Ergo 2014 alloy road	ICON Havana AHS front load	ICON 2014 alloy 31.6mm	Giro Fizik Pave w/Cro-Mo rails	ICON Cork Tape
Shimano Dura-Ace 9spd	Shimano Full Cartridge, splined	Shimano Dura-Ace 9spd	1999 Shimano Dura-Ace SPD-R clipless	Rolf Vector Pro		Shimano Dura-Ace 12-23t, 9spd			Continental Gran Prix 3000 700x25c folding	Shimano Dura-Ace dual pivot	Shimano Dura-Ace combination brake/shift	ICON Stach Ergo 2014 alloy road	ICON / Klein MC3 Mission Control front load	Thomson 31.6x250mm, Black	Giro Fizik Pave w/Ti rails	ICON Cork Tape