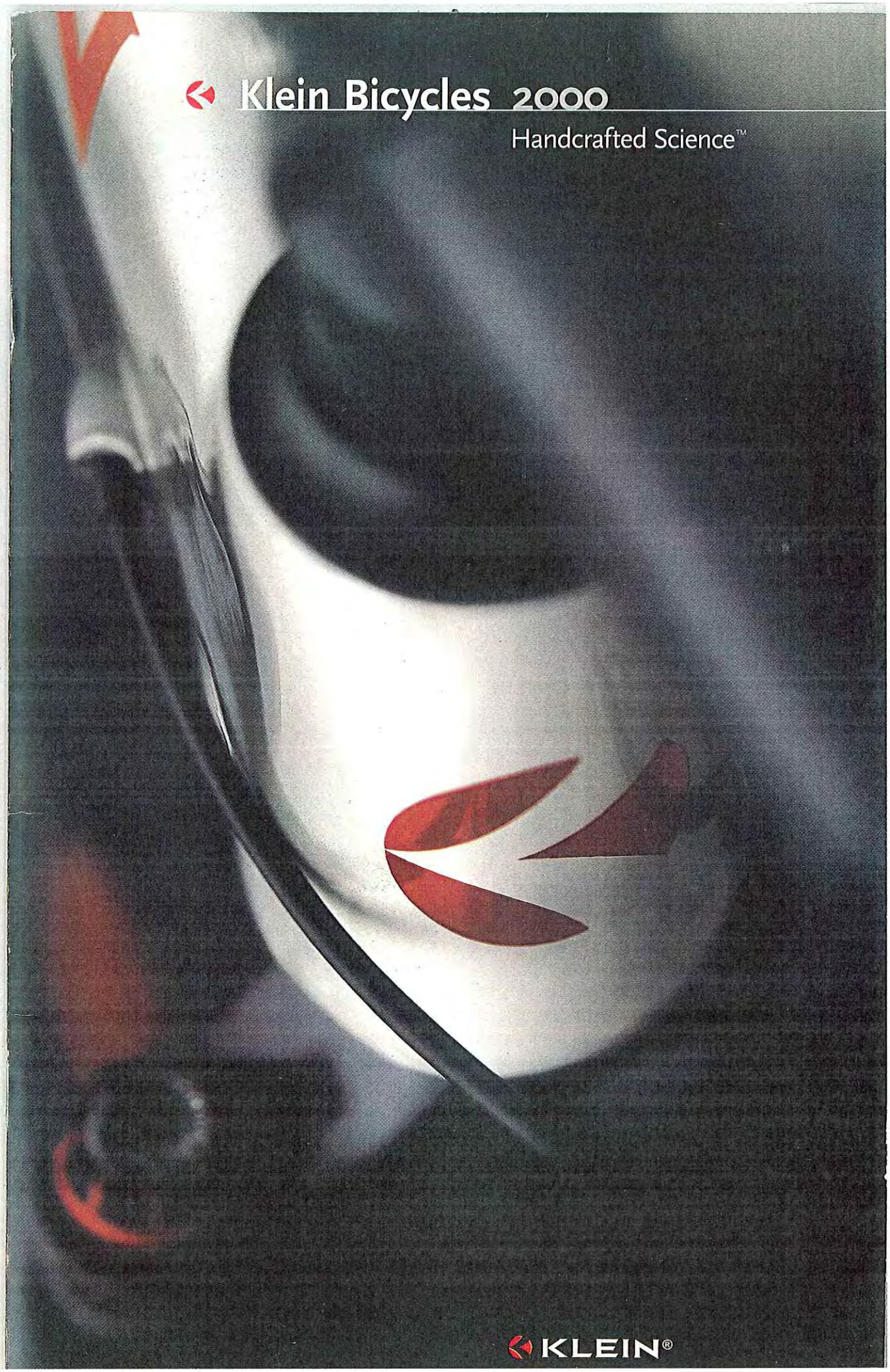

Klein Bicycles 2000
Handcrafted Science™
KLEIN®

Quantum® road bike series

Gary designed the Quantum series to offer road bikes that are light, stiff and surprisingly well mannered, allowing you to ride longer, farther and faster. What makes Quantum models different from other road bikes is that they combine a light, super-stiff and responsive frame with comfort and handling. The real joy of owning a Quantum comes from the miles you put on it. The first time you take a corner, you'll be amazed at how well it handles. Eighty miles into the ride, you'll be praising its remarkable comfort.

The Klein Quantum Road Bike Series



Quantum™ The standard Quantum comes loaded with features usually reserved for elite road models. The Quantum features a traditional Klein road racing design, internal cable routing, Micro dropouts, smooth welds and a rich paint finish with debossed graphics. It's also equipped with Shimano's 105 STI group and Rolf Vector Aerodynamic wheels. The Quantum is also available with triple front chain rings for extended gear range. Even with these features, the Quantum still weighs less than 20 pounds.



Quantum Race™ The Quantum Race shaves more than a pound from the Quantum by upgrading to Shimano's Ultegra group and Rolf Vector Comp wheels, for increased performance and weight savings. This model is also available with triple chain rings for extended range and hill climbing capabilities.



Quantum Pro™ At a mere 18 pounds, the Quantum Pro features professional level Shimano Dura Ace components and Rolf Vector Pro wheels. Klein's proprietary AirHeadset steering system sheds additional weight and delivers the ultimate smooth steering control. Gary Klein has worked for years to extract the highest level of performance from the Q-Pro (as it's affectionately referred to by professional racers), resulting in an incredibly silky ride from a laterally rigid frame. This is one of the lightest road packages available.



Quantum Race™ Frameset The Quantum Race is also available as a frameset with Klein's Gradient aluminum frame and Icon's Air Rail fork.



Quantum Pro™ Fuselage With Klein's proprietary Aeros fork, AirHeadset and Icon's MC3® stem, the Quantum Pro fuselage is strong, lightweight and race-ready.

Quantum

Engineered for *the serious road rider who wants a lightweight, strong, responsive road machine, the Quantum is quick, nimble and race ready. It's also extremely comfortable even on rough roads and on long rides.*

Frame Klein full Gradient aluminum provides a lightweight, strong and responsive frame platform. Gary's unique design makes the Quantum frame fit like no other road bike.

Wheel System Rolf Vector's proprietary paired spokes reduce weight without sacrificing strength or durability

Fork ICON Air Rail carbon fork is lightweight, strong and durable, and it comfortably handles any road condition

Components 105 STI is a user-friendly shifting system available in both double and triple chain rings for extended range

Contact Points ICON Onyx 6061 Ergo road handlebar and Flite TI saddle offer lightweight, fast and comfortable contact between bike and rider



Quantum Race

Engineered for *the elite road racer, the Quantum Race features a Quantum frame with upgraded drivetrain and braking components for weight savings and increased performance. The Quantum Race is designed for road racing, club rides and century rides.*

Frame Klein full Gradient aluminum provides a lightweight, strong and responsive frame platform. Gary's unique design makes the Quantum Race frame fit like no other road bike.

Wheel System Rolf Vector Comp wheels are fast and very easy to service

Chainstays Sculpted, Gradient chainstays make it a superior climber

Components Shimano's Ultegra STI group provides precise shifting and braking performance

Contact Points New ICON Sterling 7075 Ergo road handlebar and Flite TI saddle support the rider for efficient, comfortable and fatigue-resistant rides



Quantum Pro



Engineered for *the professional racer, the Quantum Pro is probably the lightest road bike fuselage available. It offers an incredible level of performance, with frame rigidity and drivetrain efficiency that will satisfy even the biggest and most powerful riders. Offering an incredibly silky ride, this bike accelerates, climbs and handles like no other bike in the world.*

Frame Klein full Gradient aluminum provides a lightweight, strong and responsive frame platform. With Klein's patented AirHeadset tube, the Q-Pro is not only the lightest Quantum, it's the fastest.

Wheel System Rolf Vector Pro wheels offer superior aerodynamics and strength with minimal servicing required

Fork Klein's proprietary Aeros Carbon Fork features oversize aluminum steer tube and precise torque tube headset bearings for extremely light, yet durable steering control

Components Shimano's Dura Ace STI group is the ultimate low weight, precision shifting system, making it the lightest component group on the market

Contact Points New ICON Sterling 7075 Ergo road handlebar and Flite TI saddle support the rider for efficient, comfortable and fatigue-resistant rides

Mantra® dual suspension series

The Mantra series is Klein's most revolutionary design to date. While most full suspension bikes are poor climbers, Gary designed the Mantra series with a unique frame geometry that puts the rear tire under the rider for superior uphill traction. The Mantras are built to climb as well as they descend. Another unique feature to the Mantra series is its Spot-On Pivot design. This allows the front and rear suspension to work in unison. This feature makes the Mantras highly efficient, easy-to-ride, full suspension bikes that will help you tackle downhill obstacles and technical trail sections you never thought possible.

The Klein Mantra Dual Suspension Series



Mantra™ The Mantra turns technical trails into fun roller coaster rides with great traction on climbs and great stability on descents. The Klein Spot-On rear suspension system allows it to absorb the shock from rocks and roots. You'll enjoy going uphill almost as much as coming down.



Mantra Comp™ The Mantra Comp features Manitou's low weight Mars suspension which reduces half of a pound up front for lighter steering. Better suspension tuning is available from the Fox Float R, which is equipped with an external rebound damping adjustment. The XTR rear derailleur lowers weight and delivers smoother shifting. Bontrager Race wheels have upgraded anodized rims and hub bearings that are resistant to mud and moisture.



Mantra Race™ The Mantra Race catapults this series to a new level with Aerospace Carbon technology in the main boom to lower the weight nearly a full pound, while improving strength and stiffness. Klein's Spot-On Pivot design, the Mars C suspension fork, Fox Float R, Shimano's XT/XTR level components and the new, lower weight Bontrager RaceModified wheels make this model race and adventure ready.



Mantra Pro™ The Mantra Pro, weighing less than 25 pounds, is one of the lightest weight full suspension models available. It features the Klein/Hexcel Honeycomb composite boom, Mission Control® system and Klein's Spot-On Pivot design. This model sheds ounces with Shimano's top-of-the-line XTR component group and Bontrager's RaceLite wheel system. The Mantra Pro is engineered to be the lightest, fastest full suspension Klein.



Mantra Pro™ Fuselage The Mantra Pro is also available as a fuselage with AirHeadset, ICON's MC3® stem, Cane Creek AD-10 shock, and Manitou Mars CL fork.

Mantra

Engineered for *extremely technical off road riding where large obstacles and steep descents are likely to be encountered. Mantra shares the same frame platform as the Mantra Comp, and is equipped with components and wheels that allow for smooth-shifting, fast-climbing and trail-handling performance.*

Frame Oversized Gradient boom and full Gradient swingarm keep weight to a minimum while efficiently getting power to the rear wheel for better acceleration

Wheel System Bontrager SuperStock wheels feature precision-machined rim sidewalls for smoother braking performance

Suspension Klein's Spot-On pivot design coupled with Manitou SX suspension fork with 80mm of travel and Fox Float rear shock give supple suspension action for better trail-holding traction

Components Wide ratio Shimano LX/XT Mega-Range drive train has lower gearing for climbing steeper trail sections

Contact Points Bontrager RE-1 clipless pedals, ICON Graphite 2014 handlebar and S.D.G. Satellite saddle with chromoly rails offer classic, lightweight and positive rider control



Mantra Comp

Engineered for *extremely technical off road riding with large obstacles and steep descents. Thanks to some weight-shaving component substitutions, Klein's Mantra Comp weighs less than the Mantra with increased strength and performance.*

Frame Oversized Gradient boom and full Gradient swingarm keep weight to a minimum while efficiently getting power to the rear wheel for better acceleration

Wheel System Bontrager Race wheels and Super-X tires are lightweight, durable and fast-on-the-roll for improved acceleration performance

Suspension Klein's Spot-On Pivot design, Manitou Mars suspension fork with 80mm of travel and Fox Float R are fully adjustable, allowing the rider to adapt to terrain and riding preference

Components Shimano LX/XTR drive train offers quick and positive shifting to address changing trail conditions

Contact Points Time ATAC pedals, ICON Graphite 2014 handlebar and S.D.G. Satellite saddle with chromoly rails combine to give the rider control



Mantra Race



Engineered for *aggressive off road riding where rough terrain is encountered at high speeds. The Mantra Race is lightweight and strong. Its super-stiff construction and well-designed frame geometry make it a singletrack enthusiast's dream — it's quick, precise and agile.*

Frame Klein's Hexcel Carbon Honeycomb composite boom further reduces frame weight and saves the rider's energy on longer ascents

Wheel System Bontrager's RaceModified wheel system features precision bearings for smooth rolling and improved protection against water and mud

Suspension Klein's Spot-On Pivot design, Manitou Mars C fork with 80mm of travel and Fox Float R rear shock feature external rebound damping adjustment to enable tuning in to the rider's preference

Components Klein's AirHeadset system has low-maintenance Aerospace grade precision bearings for smooth steering action

Contact Points Time ATAC pedals, new ICON gradient MC3 handlebar and S.D.G. Satellite saddle with chromoly rails combine to offer elite-level, precision points of contact

Mantra Pro

Engineered for *extreme trail conditions and high speeds, the Mantra Pro is a light, super-stiff rocket that comfortably handles obstacles and rough terrain. Like the Mantra Race, the Mantra Pro features a carbon composite boom for weight savings and increased strength, and it comes with Shimano's top-of-the-line XTR component package. Weighing less than 25 pounds, the Mantra Pro is one of the lightest full suspension bikes available.*

Frame Klein's Hexcel Carbon Honeycomb composite boom further reduces frame weight and saves the rider's energy on longer ascents

Wheel System Bontrager's RaceLite comes with ceramic coated sidewalls and offers reliable braking performance through all trail conditions, wet or dry

Suspension Klein's Spot-On Pivot design, Mars CL suspension fork with 80mm of travel and Cane Creek AD-10 shock create one of the lightest, most efficient full suspension systems available

Components Durable Shimano XTR shift and brake system offers best performance at the lightest weight attainable

Points of Contact Time ATAC Carbon pedals, new ICON Gradient MC3 mountain handlebar and S.D.G Satellite saddle with lightweight Ti rails provide world-class, pro-level performance



Attitude® MTB Hardtail series

The Klein Attitude series is a lightweight, elite level bike series. A great singletrack machine, Attitude's low weight makes it easier for riders to handle technical terrain and steep climbs. With exclusive Klein features such as their barrel head tubes, Gradient tubing and internal cable guides, the Attitude models are clean-looking bikes engineered to counteract structural fatigue. The Attitude is designed for nimble, efficient climbing and rapid singletrack descents.

The Klein Attitude MTB Hardtail Series



Attitude Comp™ The Attitude Comp has classic Klein frame features, such as internal cable routing, sculpted short-length chain stays and a full Gradient tube set. Its quick handling and great climbing ability offers unparalleled performance in its class. Shimano's LX/XT drive train delivers fast and sure shifting, while Bontrager's SuperStock wheels, with precision-machined sidewalls, provide smooth braking performance.



Attitude Race™ The Attitude Race frame with full Gradient tubes weighs in at less than 3.3 pounds, making it one of the lightest off road packages available. The Manitou Mars fork gives you 80mm of travel in a totally tunable package. It features Shimano's 9 speed gearing with XTR rear derailleur that lowers weight while delivering smoother shifting. Bontrager Race wheels and Super-X tires provide low rotational mass, giving you grip and speed when you need it. Time ATAC clipless pedals provide easy entry and release through all riding conditions.



Attitude Race Frameset™ The Attitude Race is also available as a frame-only option.

Attitude Comp

Engineered for *off road, cross-country and singletrack riding, its frame construction and geometry is designed for racing and fast trail riding. The Klein Attitude Comp is a lightweight, precision machine perfect for the off-road rider who wants a quick-handling, exhilarating ride.*

Frame Klein full Gradient aluminum with new internal cable routing is light, strong and refined in appearance

Wheel System Bontrager SuperStock wheels feature precision-machined rim sidewalls for smooth braking performance

Suspension Manitou SX features more than 80mm of travel for rough trails with demanding technical sections

Components Shimano's LX/XT Rapidfire shift and drive system is user friendly, precise and reliable

Contact Points Bontrager RE-1 pedals, ICON Onyx 6061 handlebars and S.D.G. Satellite saddle with chromoly rails offer fast, reliable points of contact



Attitude Race

Engineered for *cross-country and singletrack racing, the Attitude Race frame is the same as the Attitude Comp with carefully selected component changes (upgraded shifting and brake systems) to save weight and increase control.*

Frame Klein full Gradient aluminum with new internal cable routing is light, strong and refined in appearance

Wheel System Bontrager Race wheels feature lower spoke count, lightweight rims and durable Super-X tires with low rotational mass for improved acceleration performance

Suspension Manitou's Mars fork with 80mm of travel features tunable external damping control, allowing the rider to adjust to trail conditions and riding preference

Components Shimano's XTR durable rear derailleur offers flawless shifting performance in changing trail conditions

Contact Points Time ATAC pedals, ICON Graphite 2014 handlebars and leather S.D.G. Satellite saddle with chromoly rails offer elite, lightweight points of contact



Adroit® MTB Hardtail series

The Adroit series offers incredible frame stiffness, low weight and point-and-shoot steering. Its reassuring stability at higher velocities makes it a quick-handling MTB great for challenging singletrack. The Adroit series is distinguished from the Attitude series by its upgrade to the AirHeadset steering system for increased front-end control and stiffness. Adroit is the ultimate singletrack, cross-country machine.

The Klein Adroit MTB Hardtail Series



Adroit Race™ The AirHeadset increases the connection between stem and fork to provide lighter, precision steering. The Shimano's XT/XTR drive train shaves weight off and offers reliable, smooth shifting. Klein's AirHeadset system increases steering control with its use of precision torque tube bearings. The Mars C suspension fork provides 80mm of fully adjustable travel and also features Manitou's unique Anti-Bob lockout lever. New Bontrager RaceModified wheels help keep weight low and offer highly durable, dual-sealed hubs.



Adroit Pro™ The Adroit Pro comes with the Mars CL suspension fork with 80mm of travel, Manitou's top model, used by many pro-level World Cup racers. In addition to the Mission Control steering system, the Adroit Pro features Shimano pro-level XTR components and Bontrager RaceLite wheels, making it the ultimate, lightweight spirited racing machine.



Adroit Pro Fuselage™ The Adroit Pro is also available as a fuselage with AirHeadset, ICON's MC3 stem, and Manitou Mars CL fork.

Adroit Race

Engineered for *cross-country racing and technical trail riding. With its aggressive head tube angle and short stays, the Adroit Race provides quick acceleration, efficient climbing and superior steering control for cross-country and singletrack racing situations.*

Frame Klein full Gradient aluminum with new internal cable routing is light, strong and refined in appearance. Klein's AirHeadset offers even lighter weight and improved fatigue resistance

Wheel System Bontrager RaceModified Wheel System with precision sealed hubs offers greater protection against mud and water penetration

Suspension Manitou Mars C Fork with 80mm of travel adds additional directional control with use of a carbon fiber brake arch for increased steering precision in demanding trail conditions

Components AirHeadset steering system features aerospace standard torque tube bearings for strength and reduced frequency of maintenance

Contact Points Time ATAC pedals, new ICON Gradient MC3 handlebar and leather S.D.G. Satellite saddle with chromoly rails offer race-level, lightweight points of contact



Adroit Pro

Engineered for *cross-country racing and singletrack performance, the Adroit Pro is the ultimate hardtail. Its combination of light weight and top-end component groupings make it quick-handling and fast accelerating, with superior control on high-velocity descents.*

Frame Klein full Gradient aluminum with new internal cable routing is light, strong and refined in appearance. Klein's AirHeadset offers even lighter weight and improved fatigue resistance

Wheel System Bontrager RaceLite with ceramic coated sidewalls offer more reliable braking performance in all trail conditions

Suspension Manitou Mars CL fork with 80mm of travel (Manitou's top offering) is full featured and includes an Anti-Bob lockout lever to stabilize motion for more efficient riding on high-speed sections

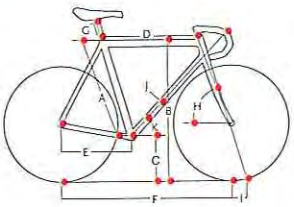
Components Full Shimano XTR shift and brake system offers the greatest, most durable performance at the lightest weight attainable

Contact Points Time ATAC carbon pedals, New ICON Gradient MC3 handlebar and leather S.D.G. Satellite saddle with Ti rails offer world-class, high-performance points of contact

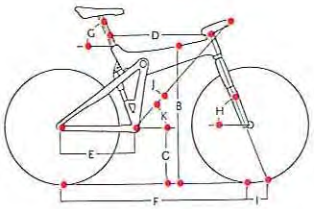


Frame Geometries

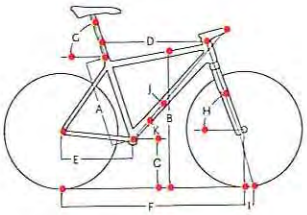
	Size	Seat Tube Center to Top (in./cm)	Top Tube Standover (in./cm)	Bottom Bracket (in./cm)	Effective Top Tube Length (in./cm)	Chainstay Length (in./cm)	Wheelbase (in./cm)	Fork Rake (in./cm)	Fork Travel (mm)	Seat Tube Angle	Head Tube Angle	Trail (in./cm)
		A	B	C	D	E	F			G	H	I
Mantra Mantra Comp	S	N/A	28.6/72.6	12.2/31.0	22.7/57.3	16.4/41.7	41.1/104.3	1.5/3.8	80.0	64.6°	71.2°	2.9/7.3
	M	N/A	29.0/73.8	12.4/31.5	23.4/59.4	16.4/41.7	41.8/106.2	1.5/3.8	80.0	66.1°	71.7°	2.8/7.1
	L	N/A	30.6/77.8	12.6/31.9	24.0/61.0	16.4/41.7	42.4/107.6	1.5/3.8	80.0	65.1°	71.8°	2.7/6.9
	XL	N/A	30.6/77.8	12.7/32.3	24.7/62.6	16.4/41.7	43.1/109.5	1.5/3.8	80.0	66.4°	71.8°	2.7/6.9
Mantra Race Mantra Pro	M	N/A	29.0/73.8	12.4/31.5	23.4/59.4	16.4/41.7	41.8/106.2	1.5/3.8	80.0	66.1°	71.7°	2.8/7.1
	L	N/A	30.6/77.8	12.6/31.9	24.0/61.0	16.4/41.7	42.4/107.6	1.5/3.8	80.0	65.1°	71.8°	2.7/6.9
	XL	N/A	31.2/79.1	12.7/32.3	24.7/62.6	16.4/41.7	43.1/109.5	1.5/3.8	80.0	66.4°	71.8°	2.7/6.9
Attitude* Attitude Comp Attitude Race Adroit Race Adroit Pro	XS	14.0/35.6	26.3/66.9	11.3/28.8	21.7/55.0	16.4/41.7	40.7/103.4	1.5/3.8	80.0	73.2°	70.7°	3.0/7.6
	S	15.8/40.0	27.7/70.3	11.5/29.2	22.6/57.3	16.4/41.7	41.3/104.8	1.5/3.8	80.0	73.2°	71.2°	2.9/7.3
	M	17.5/44.5	28.9/73.5	11.7/29.7	23.4/59.4	16.4/41.7	41.8/106.1	1.5/3.8	80.0	73.2°	71.7°	2.8/7.0
	L	19.3/48.9	30.4/77.2	11.8/30.0	24.0/61.0	16.4/41.7	42.1/106.9	1.5/3.8	80.0	73.2°	71.8°	2.7/6.9
	XL	21.0/53.3	32.1/81.5	11.9/30.3	24.7/62.6	16.4/41.7	42.5/107.9	1.5/3.8	80.0	73.2°	71.8°	2.7/6.9
Quantum Quantum Race	51cm	21.2/53.9	29.8/75.7	10.5/26.7	21.1/53.5	16.3/41.4	38.1/96.8	1.9/4.7	N/A	74.0°	73.5°	N/A
	53cm	22.0/55.9	30.6/77.7	10.6/26.9	21.5/54.7	16.3/41.4	38.6/98.0	1.9/4.7	N/A	74.0°	73.5°	N/A
	55cm	22.5/57.1	31.5/80.0	10.7/27.2	22.0/55.9	16.3/41.4	39.1/99.3	1.7/4.3	N/A	74.0°	73.5°	N/A
	57cm	23.5/59.7	32.4/82.3	10.8/27.4	22.5/57.1	16.3/41.4	39.4/100.1	1.7/4.3	N/A	74.0°	74.0°	N/A
	59cm	24.3/61.6	33.2/84.3	10.9/27.7	23.0/58.3	16.3/41.4	40.0/101.6	1.7/4.3	N/A	74.0°	74.0°	N/A
	61cm	25.0/63.5	34.1/86.6	11.0/27.9	23.4/59.5	16.3/41.4	40.4/102.6	1.7/4.3	N/A	74.0°	74.0°	N/A
	63cm	25.5/64.8	34.8/88.4	11.0/27.9	23.9/60.7	16.3/41.4	40.9/103.9	1.7/4.3	N/A	74.0°	74.0°	N/A
Quantum Pro	51cm	21.2/53.9	29.8/75.7	10.5/26.7	21.1/53.5	16.3/41.4	38.4/97.5	1.5/3.8	N/A	74.0°	73.5°	N/A
	53cm	22.0/55.9	30.6/77.7	10.6/26.9	21.5/54.7	16.3/41.4	38.9/98.7	1.5/3.8	N/A	74.0°	73.5°	N/A
	55cm	22.5/57.1	31.5/80.0	10.7/27.2	22.0/55.9	16.3/41.4	39.4/100.0	1.5/3.8	N/A	74.0°	73.5°	N/A
	57cm	23.5/59.7	32.4/82.3	10.8/27.4	22.5/57.1	16.3/41.4	39.7/100.8	1.5/3.8	N/A	74.0°	74.0°	N/A
	59cm	24.3/61.6	33.2/84.3	10.9/27.7	23.0/58.3	16.3/41.4	40.3/102.3	1.5/3.8	N/A	74.0°	74.0°	N/A
	61cm	25.0/63.5	34.1/86.6	11.0/27.9	23.4/59.5	16.3/41.4	40.7/103.3	1.5/3.8	N/A	74.0°	74.0°	N/A
	63cm	25.5/64.8	34.8/88.4	11.0/27.9	23.9/60.7	16.3/41.4	41.2/104.6	1.5/3.8	N/A	74.0°	74.0°	N/A



Quantum Series frame Line drawings correspond to chart dimensions.



Mantra Series frame Line drawings correspond to chart dimensions.



Attitude and Adroit frame Line drawings correspond to chart dimensions.

Direct Fit (mm)/Direct Fit Angle (J and K)

	XS(51)	S(53)	M(55)	L(57)	XL(59)	(61)
Mantra	N/A	802/47.3°	832/43.4°	867/42.4°	899/44°	N/A
Mantra Comp	N/A	803/47.4°	833/43.5°	868/42.6°	900/44.1°	N/A
Mantra Race	N/A	795/47°	826/43°	860/42°	892/43.6°	N/A
Mantra Pro	N/A	795/47°	826/43°	860/42°	892/43.6°	N/A
Attitude*	N/A	810/51.2°	840/47.6°	861/47.5°	908/48.5°	N/A
Attitude Comp	775/53.4°	815/50.8°	841/47.7°	862/47.6°	909/48.6°	N/A
Attitude Race	N/A	804/49.9°	833/46°	854/45.9°	900/46.9°	N/A
Adroit Race	N/A	798/49.7°	828/45.7°	849/45.6°	895/46.6°	N/A
Adroit Pro	N/A	798/49.7°	828/45.7°	849/45.6°	895/46.6°	N/A
Quantum	765/43.1°	797/42.9°	834/41.9°	854/42.5°	883/42.6°	902/43°
Quantum T	765/43.1°	797/42.9°	834/41.9°	854/42.5°	883/42.6°	902/43°
Quantum Race T	762/42.6°	794/42.4°	831/41.4°	851/42.1°	880/42.1°	899/42.6°
Quantum Race	762/42.6°	794/42.4°	831/41.4°	851/42.1°	880/42.1°	899/42.6°
Quantum Pro	N/A	793/44.2°	827/41.6°	847/42.2°	876/42.2°	896/42.8°

*Attitude is not available in the U.S. market.

Direct Fit (J) The distance from the center of the bottom bracket spindle to the rider's hand position.

Direct Fit Angle (K) The angle created by the "direct fit" line and the horizontal line of the ground.

Visit your Klein dealer for more information about Klein's Direct Fit program or visit our web site at www.kleinbikes.com.