1997

BICYCLE

CATALOG

KLEIN

PULSE PRO™

GROUP: Shimano Deore LX/Grip Shift ESP 9.0

FORK: Manitou Pro suspension w/alloy steerer

RIMS: Bontrager Mustang, triple cavity, 32 hole

TIRES: Panaracer Duster II, Kevlar bead, 26 x 2.1"

PEDALS: Shimano SPD M535 clipless

COLOR: Ebony Black

WEIGHT: 23.9 lbs./10.9kg

PRO

RACE

If you think Klein is synonymous with premium bikes at premium prices, the sticker on these Pulse mountain bikes will be a welcome surprise. You might sacrifice less at the cash register, but you won't be sacrificing a bit of the ride that made Klein famous. Pulse frames feature exclusive Klein **POWER TUBING**™, with long butted tapers for high strength and low weight. Framesets are carefully constructed with deep-penetration TIG welding and full heat treatment for high durability. Klein **FULL-ON™ RACE GEOMETRY** gives the Pulse a nimble, aggressive ride with precise handling under the most demanding conditions. Our Gradient™ chainstays deliver a **POWERTRAIN EFFICIENCY** that makes climbs and sprints a pleasure. And because of the extra-wide rear tire clearance, the Pulse won't muck-up in even the worst Northwest mud. Pulse also gives you little Klein niceties, like our Micro Dropouts™ with Re-Entry Ramps™ to make wheel changes a breeze, and our optional patented Chain Control Device to keep evil chainsuck at bay. Even our least expensive Pulse can take you into your first years of serious competition. These Pulse models may be entry level Kleins. But why not enter way ahead of nearly any other bike?

COMF

PULSE RACE™

GROUP: Shimano STX-RC, 8spd

FORK: Rock Shox Indy XC suspension

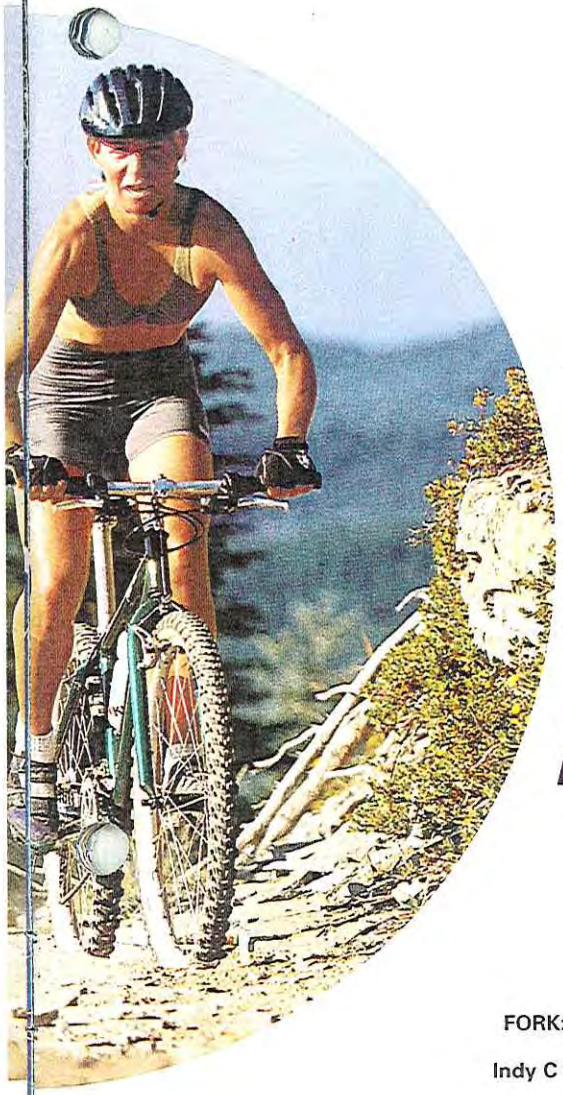
HUBSET: Shimano STX-RC rear;

forged alloy suspension front

HANDLEBAR: Bontrager Comp, alloy

COLOR: Race Red

WEIGHT: 24.9 lbs./11.3kg



FORK: Klein Cro-Moly Unicrown

SHIFTERS: Shimano STX-RC Rapidfire Plus, 7spd

RIMS: Bontrager Maverick, single cavity, 32 hole

TIRES: Panaracer Duster II, 26 x 2.1"

COLOR: Cobalt Blue

WEIGHT: 24.4 lbs./11.1kg

FORK: Rock Shox

Indy C suspension

WEIGHT: 25.9 lbs/11.8kg

PULSE COMP™ S

ATTITUDE RACE™

GROUP: Shimano Deore XT

FORK: Rock Shox Judy XC suspension w/alloy steerer

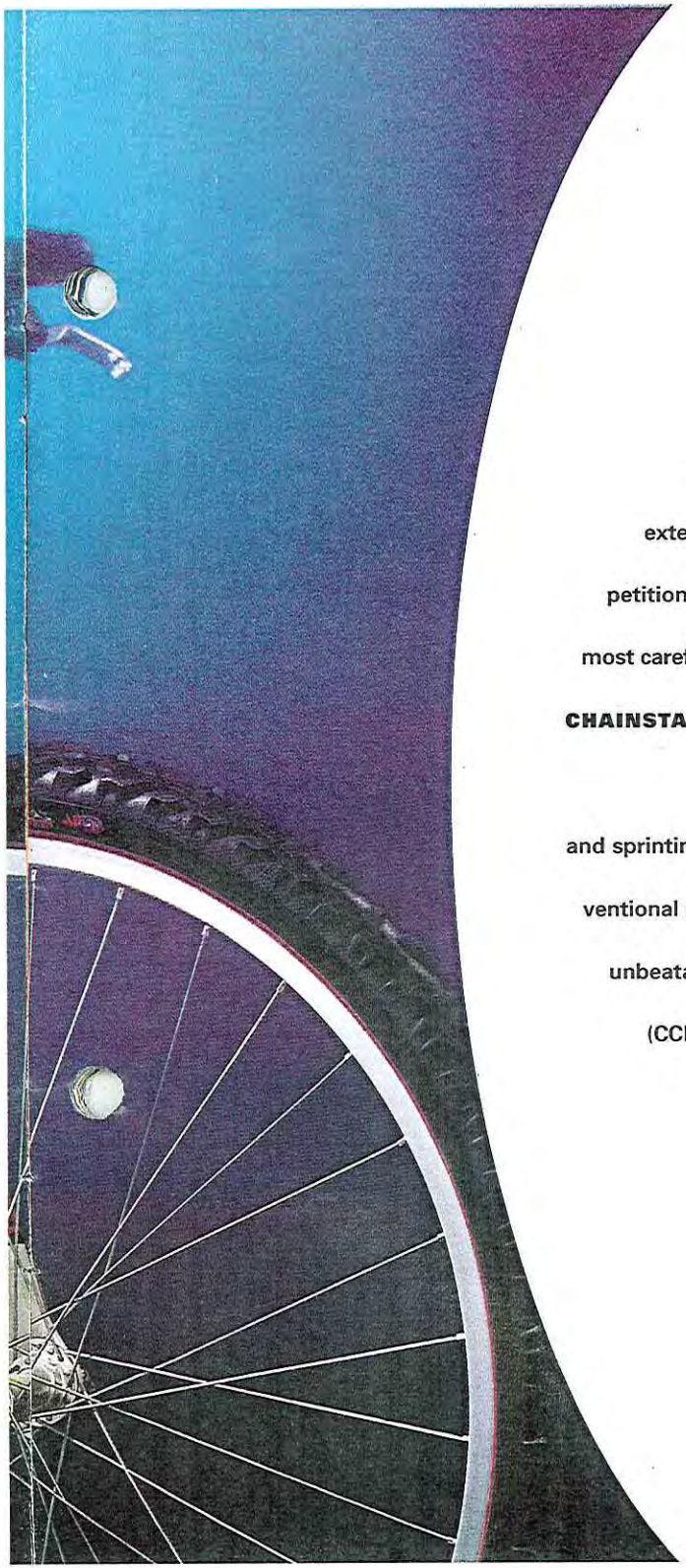
BRAKES: Shimano Deore XT V-Brakes & levers

HUBSET: Shimano Deore XT w/suspension front

TIRES: Panaracer Duster Pro, Kevlar bead, 26 x 2.1"

COLOR: Blue Linear Fade

WEIGHT: 22.9 lbs./10.4kg

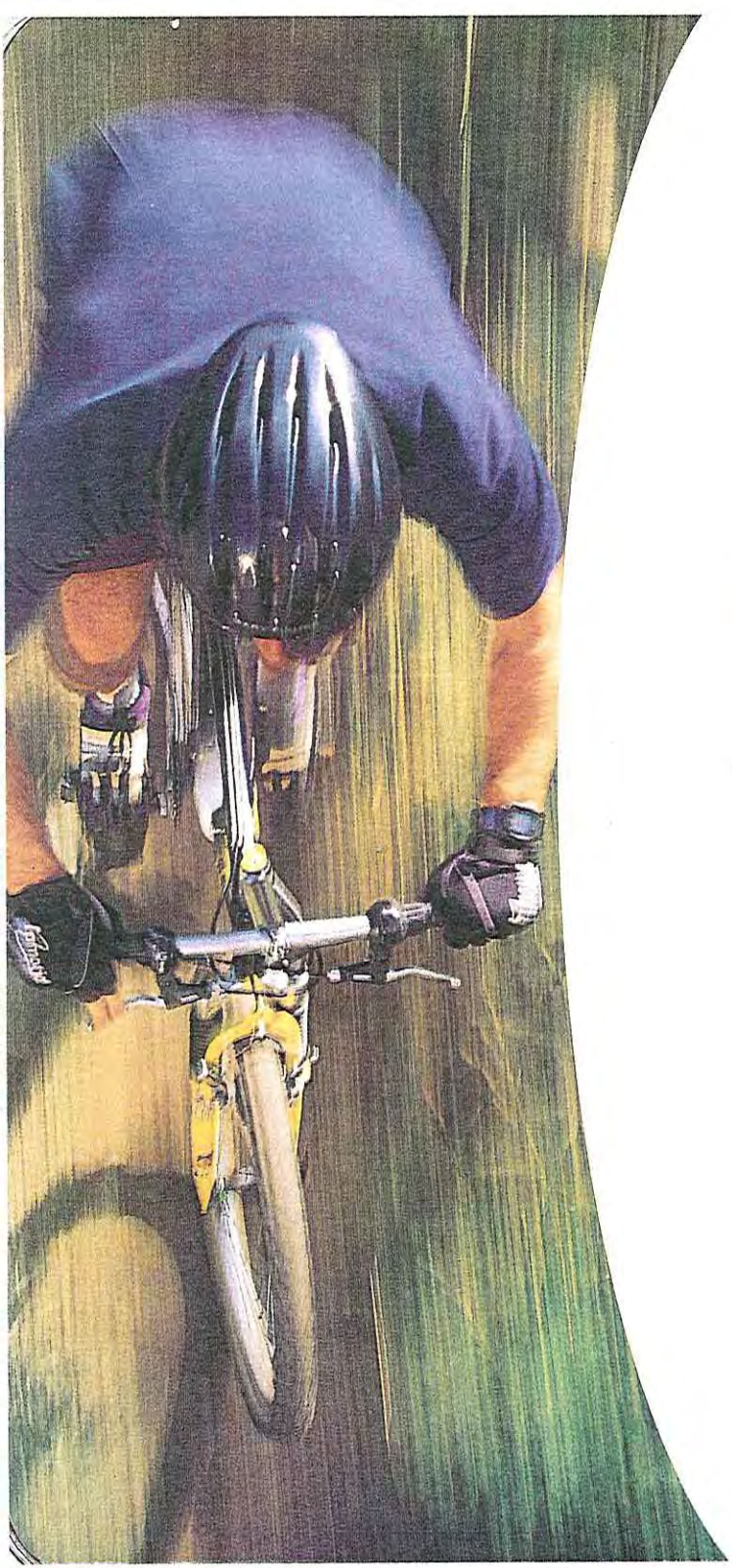


ATTITUDE

Our Attitude models feature the most advanced frame tubing in the business, **KLEIN GRADIENT**™. It's meticulously drawn and shaped with variable internal and external tapering that evenly distributes frame stresses. The result is an incredibly strong, full competition frame weighing only three pounds. And, **SUPERIOR POWERTRAIN RIGIDITY** is ensured by the most carefully engineered rear triangle configuration in cycling, featuring patented Klein **HIGH PERFORMANCE CHAINSTAYS**. They're asymmetrically shaped for maximum stiffness and strength, delivering legendary climbing

RACE COMP

and sprinting performance. Klein **MICRO DROPOUTS**™ position the wheel axle closer to the chainstays than conventional designs, greatly enhancing power transfer. A one-piece **REINFORCED DERAILLEUR HANGER** provides unbeatable durability and precise shifting performance. In addition, our patented Chain Control Device (CCD) has three ramps that gently guide the chain away from chainring teeth while actually keeping the chain clean. Go ahead, test ride the Attitude against any non-Klein mountain bike. It will elevate your expectations well above the competition.



ATTITUDE RACE™ FUSELAGE

FORK: Rock Shox Judy XC suspension w/alloy steerer

HEADSET: Tange Seiki DL-2 Aheadset 1⅛"

HANDLEBARS: Bontrager Race, 145g

STEM: Bontrager Race, forged alloy Ahead

SEATPOST: Thomson one-piece machined

COLOR: Blue Linear Fade

FRAME WEIGHT: 2.9 lbs./1.3kg

ATTITUDE COMP™

GROUP: Shimano Deore XT/LX

FORK: Rock Shox Indy SL suspension w/alloy steerer

BRAKES: Shimano M600 V-Brakes & levers

HUBSET: Shimano Deore LX

TIRES: Panaracer Duster II, Kevlar bead, 26 x 2.1"

COLOR: Burning Sand

WEIGHT: 22.8 lbs./10.4kg

ADROIT™ FUSELAGE*

FORK: Rock Shox Judy SL suspension

HEADSET: Klein Airhead™ Precision

HANDLEBARS: Klein MC2™

STEM: Klein MC2™

SEATPOST: Thomson one-piece machined

COLOR: Koi

WEIGHT (built as pictured): 21.7 lbs./9.9kg

FRAME WEIGHT: 2.9 lbs./1.3kg

*saddle, wheels and drivetrain not included

MANTRA PRO™ FUSELAGE*

MAIN FRAME: Klein Gradient™ aluminum

FORK: Rock Shox Judy SL suspension, 63mm travel

REAR SHOCK: Fox Alps 5R air/oil w/damping adjustment

HEADSET: Klein Airhead™ Precision

HANDLEBARS: Klein MC2™

STEM: Klein MC2™

SEATPOST: Thomson one-piece machined

COLOR: Race Red

WEIGHT (built as pictured): 24.2 lbs./11.0kg

FUSELAGE WEIGHT: 6.9 lbs./3.1kg

*saddle, wheels and drivetrain not included

GROUP: Shimano Deore XT/LX

MAIN FRAME: Klein Power Tubing™

FORK: Rock Shox Judy XC suspension

w/alloy steerer, 63mm travel

REAR SHOCK: Fox Alps 5R air/oil

w/damping adjustment

RIMS: Bontrager Mustang, triple

cavity, 32 hole

TIRES: Panaracer Duster Pro, Kevlar

bead, 26 x 2.1"

PEDALS: Shimano SPD M535 clipless

COLOR: Race Red

WEIGHT: 25.9 lbs./11.8kg

MANTRA RACE™

The Mantra Race and Mantra Comp deliver Klein's cutting-edge full suspension, with precision-formed **KLEIN POWER TUBING™** used to create the Torque Control Beam™. The unique **ULTRARIGID URT** features **KLEIN'S SPOT-ON™** Pivot for outstandingly efficient, fully active rear suspension, and High Performance Chainstays for the best power transfer possible from crank to rear wheel. Believe it or not, one of the most pleasing features on these bikes is **PRICE**. You'll be happy to discover the best cross country full suspension in the universe can be so affordably yours.

MANTRA COMP™

GROUP: Shimano STX-RC

MAIN FRAME: Klein Power Tubing™

FORK: Manitou Pro C suspension w/alloy steerer, 70mm travel

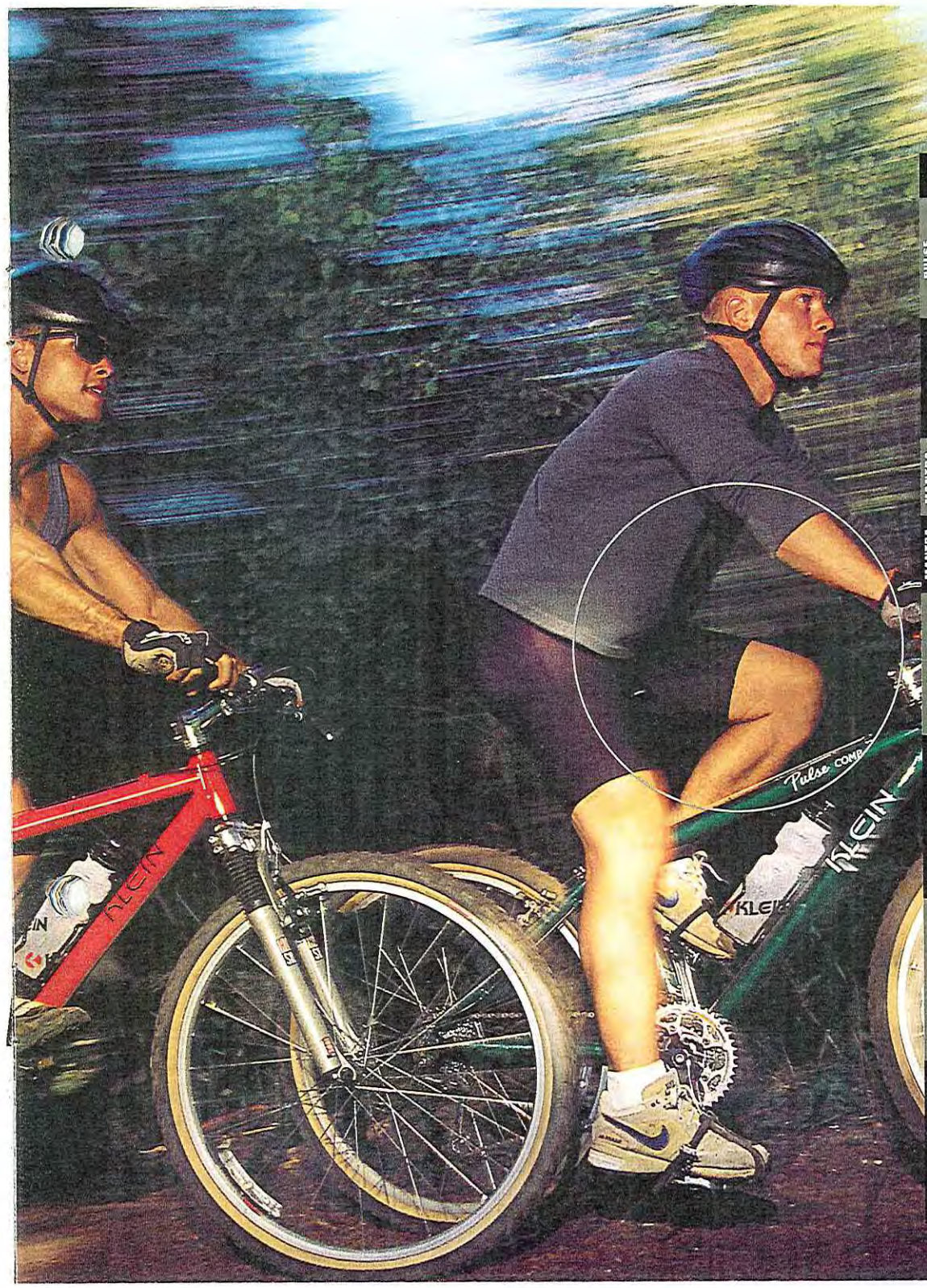
REAR SHOCK: Fox Vanilla coil/oil

RIMS: Bontrager Maverick, single cavity, 32 hole

TIRES: Panaracer Duster II, Kevlar bead, 26 x 2.1"

COLOR: Yellow Pearl

WEIGHT: 26.9 lbs./12.2kg



GEOMETRY

	Frame size	Typical rider height: ft., in. / cm	Top tube standover height	Bottom bracket height	Top tube length	Chainstay length	Wheelbase	Front fork rake	Top tube angle	Seat tube angle	Head tube angle
PULSE ATTITUDE	XS	5'0" – 5'4" / 152 – 162	27.78/70.56	11.4/29.00	22.03/55.96	16.40/41.70	40.19/102.08	1.50/3.81	17.20°	73.2°	71.0°
	S	5'4" – 5'7" / 162 – 170	28.58/72.59	11.5/29.20	22.76/57.81	16.40/41.70	40.79/103.61	1.50/3.81	12.50°	73.2°	71.5°
	M	5'7" – 5'10" / 170 – 177	29.62/75.23	11.7/29.70	23.38/59.38	16.40/41.70	41.33/104.98	1.50/3.81	8.27°	73.2°	72.0°
	L	5'10" – 6'1" / 177 – 185	30.68/77.93	11.8/30.00	23.60/59.94	16.40/41.70	41.64/105.80	1.50/3.81	8.47°	73.2°	72.2°
	XL	6'1" – 6'6" / 185 – 198	31.78/80.72	11.9/30.20	24.05/61.09	16.40/41.70	42.04/106.80	1.50/3.81	8.07°	73.2°	72.2°
ADROIT	XS	5'0" – 5'4" / 152 – 162	27.42/69.65	11.4/29.00	22.02/55.93	16.40/41.70	40.19/102.08	1.50/3.81	15.40°	73.2°	71.0°
	S	5'4" – 5'7" / 162 – 170	28.21/71.65	11.5/29.20	22.78/57.86	16.40/41.70	40.79/103.61	1.50/3.81	10.50°	73.2°	71.5°
	M	5'7" – 5'10" / 170 – 177	29.62/75.23	11.7/29.70	23.38/59.38	16.40/41.70	41.33/104.98	1.50/3.81	8.20°	73.2°	72.0°
	L	5'10" – 6'1" / 177 – 185	30.66/77.88	11.8/30.00	23.70/60.20	16.40/41.70	41.64/105.80	1.50/3.81	8.40°	73.2°	72.2°
	XL	6'1" – 6'6" / 185 – 198	31.76/80.67	11.9/30.20	24.05/61.09	16.40/41.70	42.04/106.80	1.50/3.81	8.00°	73.2°	72.2°
MANTRA PRO	S	5'4" – 5'7" / 162 – 170	27.58/70.04	12.0/32.00	22.84/58.02	16.40/41.66	40.55/103.00	1.50/3.81	16.79°	66.4°	72.2°
	M	5'7" – 5'10" / 170 – 177	28.80/73.15	12.8/32.51	23.40/59.44	16.40/41.66	41.17/104.57	1.50/3.81	13.04°	62.8°	72.8°
	L	5'10" – 6'1" / 177 – 185	30.13/76.54	12.9/32.77	23.88/60.66	16.40/41.66	41.76/106.07	1.50/3.81	8.99°	63.7°	72.2°
MANTRA COMP/RACE	S	5'4" – 5'7" / 162 – 170	28.61/72.67	12.5/31.75	22.93/58.25	16.40/41.66	40.76/103.53	1.50/3.81	18.00°	62.5°	71.5°
	M	5'7" – 5'10" / 170 – 177	28.78/73.09	12.7/32.26	23.63/60.02	16.40/41.66	41.33/104.98	1.50/3.81	16.62°	64.4°	72.0°
	L	5'10" – 6'1" / 177 – 185	30.02/76.25	12.9/32.77	23.69/60.18	16.40/41.66	41.33/104.98	1.50/3.81	15.93°	66.9°	72.2°
STAGE	47cm	4'10" – 5'1" / 157 – 162	26.18/66.49	10.1/25.65	20.14/51.16	16.60/42.16	31.22/79.29	1.85/4.70	17.7°	73.0°	71.0°
	51cm	5'1" – 5'4" / 162 – 167	27.52/69.91	10.2/25.91	21.23/53.92	16.60/42.16	38.82/88.59	1.85/4.70	9.6°	73.0°	72.0°
	55cm	5'5" – 5'8" / 167 – 172	31.11/79.01	10.4/26.42	22.20/56.40	16.60/42.16	39.56/100.48	1.69/4.30	0.0°	73.0°	72.5°
	57cm	5'8" – 5'11" / 172 – 180	31.96/61.18	10.5/26.67	22.68/57.60	16.60/42.16	40.05/101.73	1.69/4.30	0.0°	73.0°	73.0°
	59cm	5'11" – 6'2" / 180 – 185	32.81/83.35	10.6/28.92	23.15/58.80	16.60/42.16	40.57/103.05	1.69/4.30	0.0°	73.0°	73.0°
	63cm	6'2" – 6'5" / 185 – 190	34.52/87.68	10.8/27.43	24.13/61.30	16.60/42.16	41.31/104.93	1.69/4.30	0.0°	73.0°	73.0°
QUANTUM PRO	51cm	5'2" – 5'4" / 157 – 162	29.80/75.69	10.5/26.67	21.06/53.49	16.30/41.40	38.10/96.77	1.50/3.81	0.0°	74.0°	73.5°
	53cm	5'4" – 5'6" / 162 – 167	30.60/77.72	10.6/26.92	21.54/54.71	16.30/41.40	38.60/98.04	1.50/3.81	0.0°	74.0°	73.5°
	55cm	5'6" – 5'8" / 167 – 172	31.50/80.01	10.7/27.18	22.01/55.90	16.30/41.40	39.10/99.31	1.50/3.81	0.0°	74.0°	73.5°
	57cm	5'8" – 5'11" / 172 – 180	32.40/82.30	10.8/27.43	22.48/57.10	16.30/41.40	39.40/100.08	1.50/3.81	0.0°	74.0°	74.0°
	59cm	5'11" – 6'1" / 180 – 185	33.20/84.33	10.9/27.69	22.95/58.29	16.30/41.40	40.00/101.60	1.50/3.81	0.0°	74.0°	74.0°
	61cm	6'1" – 6'3" / 185 – 190	34.10/86.61	11.0/27.94	23.43/59.51	16.30/41.40	40.40/102.62	1.50/3.81	0.0°	74.0°	74.0°
	63cm	6'3" – 6'5" / 190 – 195	34.80/88.39	11.0/27.94	23.90/60.71	16.30/41.40	40.90/103.89	1.50/3.81	0.0°	74.0°	74.0°
QUANTUM RACE	51cm	5'2" – 5'4" / 157 – 162	29.80/75.69	10.5/26.67	21.06/53.49	16.30/41.40	38.37/97.46	1.77/4.50	0.0°	74.0°	73.5°
	53cm	5'4" – 5'6" / 162 – 167	30.60/77.72	10.6/26.92	21.54/54.71	16.30/41.40	38.87/98.73	1.77/4.50	0.0°	74.0°	73.5°
	55cm	5'6" – 5'8" / 167 – 172	31.50/80.01	10.7/27.18	22.01/55.90	16.30/41.40	39.37/100.00	1.77/4.50	0.0°	74.0°	73.5°
	57cm	5'8" – 5'11" / 172 – 180	32.40/82.30	10.8/27.43	22.48/57.10	16.30/41.40	39.67/100.76	1.77/4.50	0.0°	74.0°	74.0°
	59cm	5'11" – 6'1" / 180 – 185	33.20/84.33	10.9/27.69	22.95/58.29	16.30/41.40	40.27/102.28	1.77/4.50	0.0°	74.0°	74.0°
	61cm	6'1" – 6'3" / 185 – 190	34.10/86.61	11.0/27.94	23.43/59.51	16.30/41.40	40.67/103.30	1.77/4.50	0.0°	74.0°	74.0°
	63cm	6'3" – 6'5" / 190 – 195	34.80/88.39	11.0/27.94	23.90/60.71	16.30/41.40	41.17/104.57	1.77/4.50	0.0°	74.0°	74.0°
AEOLUS	51cm	5'2" – 5'4" / 157 – 162	29.36/74.57	10.3/26.20	21.06/53.49	14.73/37.40	38.59/98.02	1.38/3.49	0.0°	78.0°	72.0°
	53cm	5'4" – 5'6" / 162 – 167	30.14/76.55	10.4/26.40	21.54/54.71	14.73/37.40	39.18/99.52	1.38/3.49	0.0°	78.0°	72.0°
	55cm	5'6" – 5'8" / 167 – 172	30.91/78.51	10.5/26.70	22.01/55.90	14.73/37.40	39.78/101.04	1.38/3.49	0.0°	78.0°	72.0°
	57cm	5'8" – 5'11" / 172 – 180	31.69/80.49	10.6/26.90	22.48/57.10	14.73/37.40	40.37/102.54	1.38/3.49	0.0°	78.0°	72.0°
	59cm	5'11" – 6'1" / 180 – 185	32.51/82.57	10.7/27.20	22.95/58.29	15.50/39.40	41.60/105.66	1.69/4.30	0.0°	78.0°	72.5°
	61cm	6'1" – 6'3" / 185 – 190	33.28/84.53	10.8/27.40	24.21/61.49	15.50/39.40	42.98/109.17	1.69/4.30	0.0°	78.0°	72.5°
	63cm	6'3" – 6'5" / 190 – 195	33.46/84.98	10.8/27.40	24.70/62.74	15.50/39.40	43.54/110.59	1.69/4.30	0.0°	78.0°	72.5°

All dimensions are in inches/centimeters unless otherwise stated.

STAGE COMP™

GROUP: Shimano 105SC, triple

FORK: Road OCLV carbon

TIRES: Continental Super Sport, 700 x 25c

PEDALS: Shimano SPD M535 clipless

COLOR: Blue Linear Fade

WEIGHT: 21.7 lbs./9.9kg

Stage
KLEIN

S T A G E™

GROUP: Shimano RSX/RX100, triple

FORK: High performance aluminum

RIMS: Matrix Aurora, double wall,

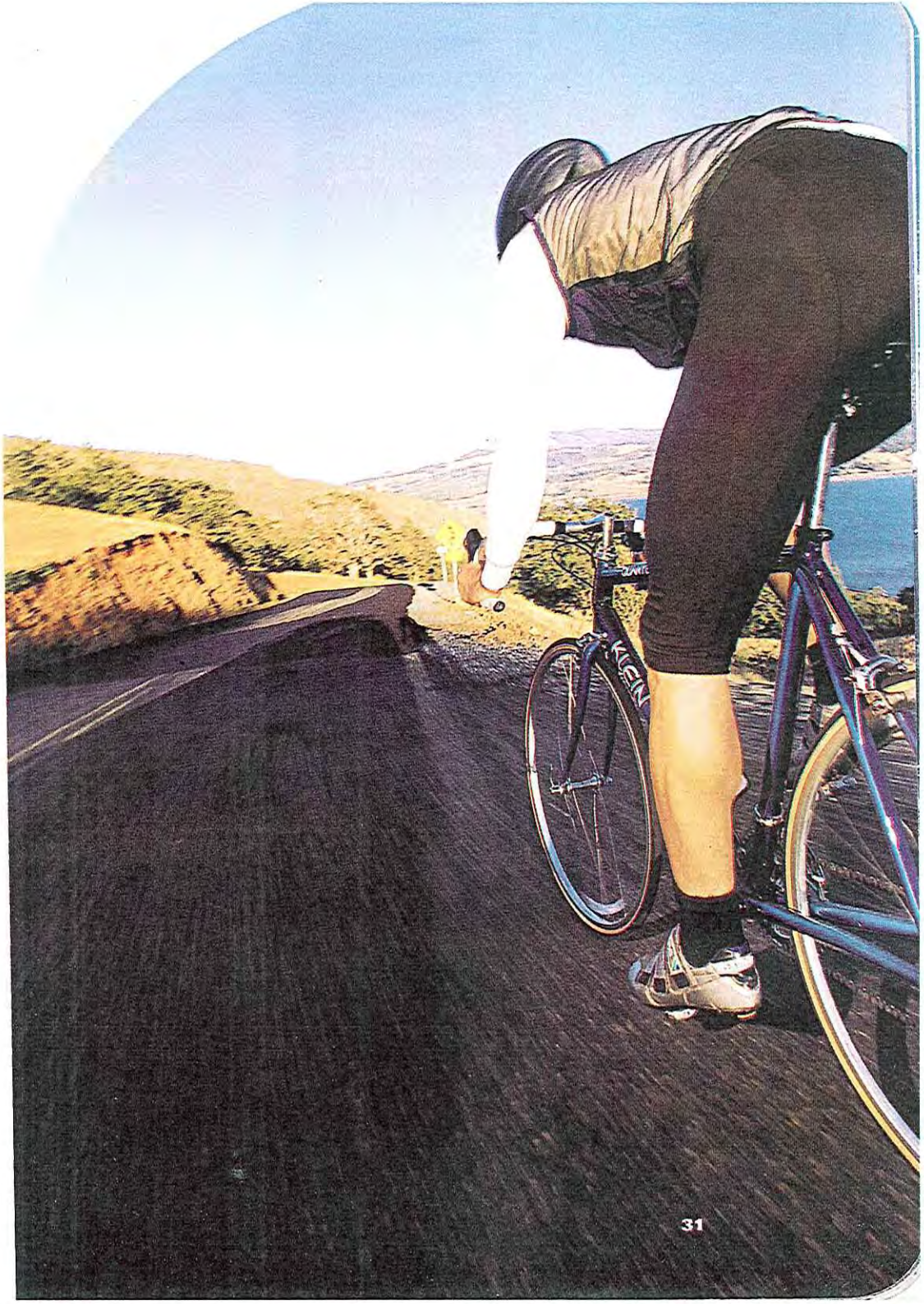
clear anodized, 32 hole

TIRES: Continental Sport, 700 x 25c

PEDALS: Alloy road w/clips and straps

COLOR: Race Red

WEIGHT: 21.7 lbs./9.9kg



QUANTUM PRO™ FUSELAGE*

FORK: Klein Aeros™

HEADSET: Klein Airhead™ Precision

HANDLEBARS: ITM alloy

STEM: Klein Airhead™

SEATPOST: Thomson one-piece machined

COLOR: Yellow Pearl

WEIGHT (built as pictured): 18.5 lbs./8.4kg

FRAME WEIGHT: 2.7 lbs./1.2kg

*saddle, wheels and drivetrain not included

Linda Brenneman: member 1996 US Olympic Team.

FORK: OS road OCLV carbon

HEADSET: Tange Seiki VR254 alloy, sealed

HANDLEBARS: Road, 6061 T6 alloy, STI bend, 296g

STEM: 3TTT Synthesis forged aluminum

SEATPOST: Thomson one-piece machined

COLOR: Caribbean Linear Fade

FRAME WEIGHT: 2.7 lbs./1.2kg

QUANTUM RACE™ FUSELAGE

QUANTUM RACE™

GROUP: Shimano Ultegra

FORK: OS road OCLV carbon

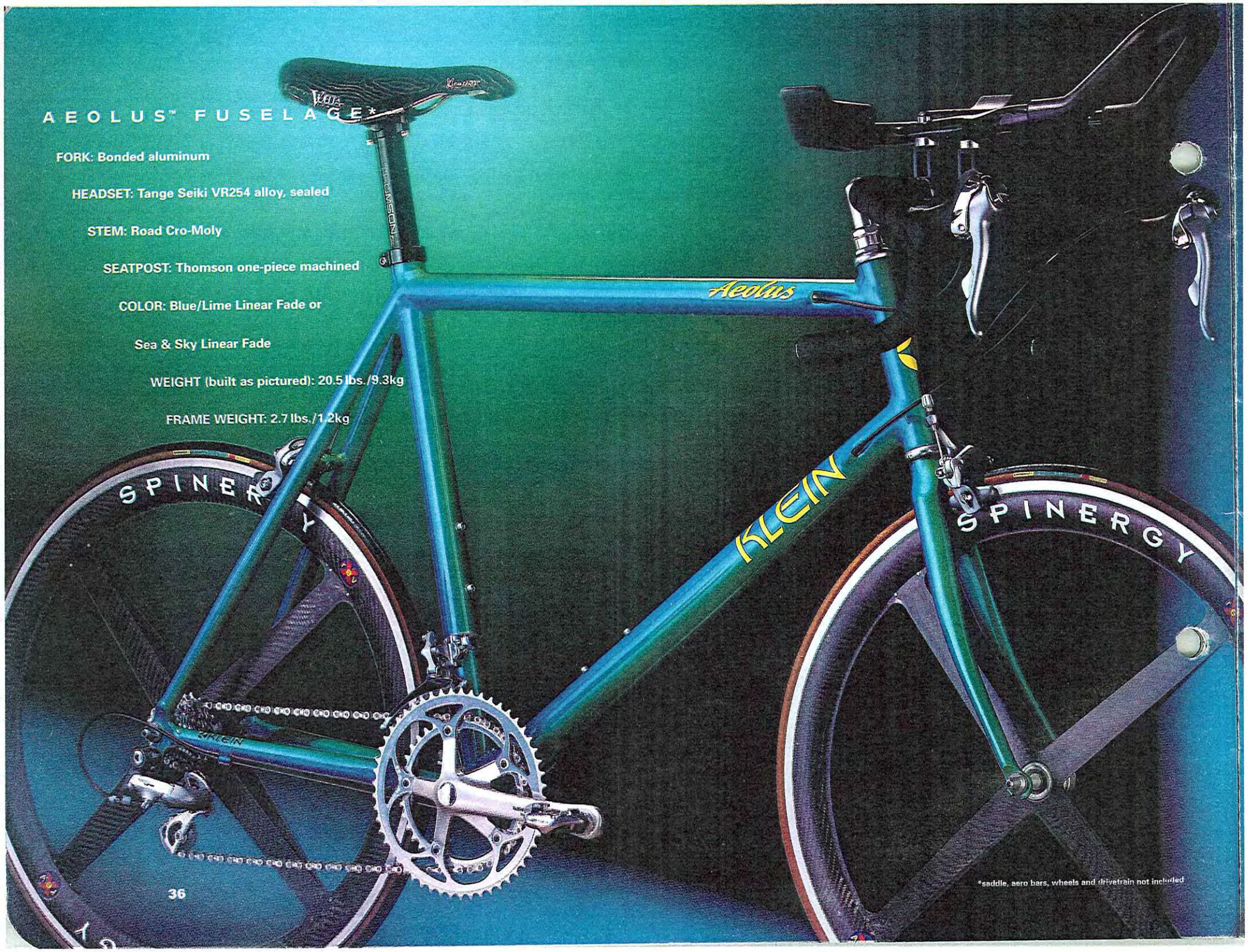
SHIFTERS: Shimano Ultegra STI Dual Control

RIMS: Matrix Aurora, double wall, clear anodized, 32 hole

TIRES: Continental Grand Prix, foldable, 700 x 23c

COLOR: Caribbean Linear Fade

WEIGHT: 19.6 lbs./8.9kg



AEOLUS™ FUSELAGE*

FORK: Bonded aluminum

HEADSET: Tange Seiki VR254 alloy, sealed

STEM: Road Cro-Moly

SEATPOST: Thomson one-piece machined

COLOR: Blue/Lime Linear Fade or Sea & Sky Linear Fade

WEIGHT (built as pictured): 20.5 lbs./9.3kg

FRAME WEIGHT: 2.7 lbs./1.2kg

*saddle, aero bars, wheels and drivetrain not included

You won't find another bike as uniquely engineered for triathlons, time trials, or just going fast, as the Klein Aeolus. It starts with **IDEAL AERO FRAME GEOMETRY**, with a 78° seat angle and a 72° head angle, moving the rider forward and down into a stable, aerodynamic, yet comfortable position. The frame is another Klein work of art. **GRADIENT™ TUBING** has gradual tapers that vary by as much as 260% across long sections of the frame to evenly distribute frame stresses. It's the most exacting material manipulation process in cycling, resulting in extremely light, strong frames with amazing lateral rigidity. Patented Klein **HIGH PERFORMANCE CHAINSTAYS** are extra short and individually Gradient™ formed for maximum stiffness and strength. This rear triangle ensures the **BEST POWERTRAIN EFFICIENCY** in cycling, delivering legendary climbing and sprinting performance. At the wheel, rear-facing **MICRO DROPOUTS™** create the most direct axle connection possible, with beveled Re-Entry Ramps™ for fast wheel changes. The Aeolus is not the bike for everybody. On the other hand, for riders serious about speed, there's nothing sweeter.

Color Option: Sea & Sky Linear Fade

FUSELAGE

COMPONENT SPECIFICATIONS

MODEL	PULSE PRO	PULSE RACE	PULSE COMP S	PULSE COMP	ATTITUDE RACE	ATTITUDE RACE FUSELAGE	ATTITUDE COMP	ADROIT FUSELAGE	MANTRA PRO FUSELAGE	MANTRA RACE	MANTRA COMP
SIZES	XS, S, M, L, XL	XS, S, M, L, XL	XS, S, M, L, XL	XS, S, M, L, XL	XS, S, M, L, XL	XS, S, M, L, XL	XS, S, M, L, XL	XS, S, M, L, XL	S, M, L	S, M, L	S, M, L
COLOR	Ebony Black	Race Red	Cobalt Blue	Cobalt Blue	Blue Linear Fade	Blue Linear Fade	Burning Sand	Koi	Race Red	Race Red	Yellow Pearl
FORK	Manitou Pro suspension w/alloy steerer, 65mm travel	Rock Shox Indy XC suspension, 63mm travel	Rock Shox Indy C suspension, 63mm travel	Klein Cro-Moly Unicrown	Rock Shox Judy XC suspension w/alloy steerer, 63mm travel	Rock Shox Judy XC suspension w/alloy steerer, 63mm travel	Rock Shox Indy SL suspension w/alloy steerer, 63mm travel	Rock Shox Judy SL suspension, 63mm travel	Rock Shox Judy SL suspension, 63mm travel	Rock Shox Judy XC suspension w/alloy steerer, 63mm travel	Manitou Pro C suspension w/alloy steerer, 70mm travel
MAIN TUBES	Klein Power Tubing	Klein Power Tubing	Klein Power Tubing	Klein Power Tubing	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Power Tubing	Klein Power Tubing
STAYS	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum
REAR SHOCK									Fox Alps 5R air/oil w/damping adjustment	Fox Alps 5R air/oil w/damping adjustment	Fox Vanilla coil/oil
HEADSET	Tange Seiki DX-2 Aheadset 1⅛"	Tange Seiki STE Aheadset 1⅛"	Tange Seiki STE Aheadset 1⅛"	Tange Seiki STE Aheadset 1⅛"	Tange Seiki DL-2 Aheadset 1⅛"	Tange Seiki DL-2 Aheadset 1⅛"	Tange Seiki DX-2 Aheadset 1⅛"	Klein Airhead Precision	Klein Airhead Precision	Tange Seiki DL-2 Aheadset 1⅛"	Tange Seiki DX-2 Aheadset 1⅛"
HANDLEBAR	Bontrager Race, 145g	Bontrager Comp, alloy	ATB alloy, 230g	ATB alloy, 230g	Bontrager Race, 145g	Bontrager Race, 145g	Bontrager Race, 145g	Klein MC2	Klein MC2	Bontrager Race, 145g	Bontrager Comp, alloy
STEM	Bontrager Race, forged alloy Ahead	Front load forged alloy Ahead	Front load alloy Ahead	Front load alloy Ahead	Bontrager Race, forged alloy Ahead	Bontrager Race, forged alloy Ahead	Bontrager Race, forged alloy Ahead	Klein MC2	Klein MC2	Bontrager forged alloy Ahead	Cold forged alloy Ahead
SEATPOST	ATB, forged dual-bolt adjustable head	ATB, forged dual-bolt adjustable head	SP-312, alloy micro-adjust	SP-312, alloy micro-adjust	Thomson one-piece machined	Thomson one-piece machined	Thomson one-piece machined	Thomson one-piece machined	Thomson one-piece machined	Thomson one-piece machined	ATB, forged dual-bolt adjustable head
GROUP	**Shimano Deore LX/Grip Shift ESP**	**Shimano STX-RC**	**Shimano Alivio/STX**	**Shimano Alivio/STX**	**Shimano Deore XT**		**Shimano Deore XT/LX**			**Shimano Deore XT/LX**	**Shimano STX-RC**
BOTTOM BRACKET	Shimano BB-UN51	Shimano BB-LP26	Shimano BB-LP26	Shimano BB-LP26	Shimano BB-UN72		Shimano BB-UN51			Shimano BB-UN51	Shimano BB-UN51
CRANKSET	Shimano Deore LX 4 arm 42/32/22	Sugino Impel 300 42/32/22	Shimano Alivio 42/34/24	Shimano Alivio 42/34/24	Shimano Deore XT 4 arm 42/32/22		Shimano Deore LX 4 arm 42/32/22			Shimano Deore LX 4 arm 42/32/22	Sugino Impel 350 42/32/22
FRONT DERAILLEUR	Shimano Deore LX, top swing	Shimano STX, top swing	Shimano Alivio, top swing	Shimano Alivio, top swing	Shimano Deore XT		Shimano Deore LX			Shimano Deore LX	Shimano STX
REAR DERAILLEUR	Grip Shift ESP 9.0	Shimano STX-RC SGS	Shimano Alivio	Shimano Alivio	Shimano Deore XT SGS		Shimano Deore XT SGS			Shimano Deore XT SGS	Shimano STX-RC SGS
SHIFT LEVERS	Grip Shift ESP 900	Shimano STX-RC Rapidfire Plus, 8spd	Shimano STX-RC Rapidfire Plus, 7spd	Shimano STX-RC Rapidfire Plus, 7spd	Shimano Deore XT Rapidfire SL		Shimano Deore XT Rapidfire SL			Shimano Deore XT Rapidfire SL	Shimano STX-RC Rapidfire Plus, 8spd
REAR CLUSTER	Shimano HG70I 11-30, 8spd	Shimano HG60, 8spd	Shimano IG50, 7spd	Shimano IG50, 7spd	Shimano Deore XT 11-30, 8spd		Shimano HG70I 11-30, 8spd			Shimano HG70I 11-30, 8spd	Shimano HG60, 8spd
CHAIN	Shimano IG70	Shimano IG51	IG31	IG31	Shimano IG90		Shimano IG70			Shimano IG70	Shimano IG51
BRAKESET	Shimano M600 V-Brakes & levers	Shimano M600 V-Brakes & levers	Shimano M600 V-Brakes w/Tektro 375A levers	Shimano M600 V-Brakes w/Tektro 375A levers	Shimano Deore XT V-Brakes & levers		Shimano M600 V-Brakes & levers			Shimano Deore XT V-Brakes w/M600 levers	Shimano M600 V-Brakes & levers
HUBSET	Shimano Deore LX	Shimano STX-RC rear; forged alloy suspension front	Shimano Alivio rear; alloy suspension front	Shimano Alivio rear; alloy suspension front	Shimano Deore XT w/suspension front		Shimano Deore LX			Shimano Deore LX	Shimano STX-RC rea forged alloy suspension front
SPOKES	DT 14/15G butted stainless; 14G drive side	DT 14G stainless	DT 14G stainless	DT 14G stainless	DT 14G & 14/15G butted stainless w/alloy nipples		DT 14G & 14/15G butted stainless w/alloy nipples			DT 14G & 14/15G butted stainless w/alloy nipples	DT 14G stainless
RIMS	Bontrager Mustang, triple cavity, 32 hole	Bontrager Maverick, single cavity, 32 hole	Bontrager Maverick, single cavity, 32 hole	Bontrager Maverick, single cavity, 32 hole	Bontrager Mustang, triple cavity, anodized, 32 hole		Bontrager Mustang, triple cavity, anodized, 32 hole			Bontrager Mustang, triple cavity, 32 hole	Bontrager Maverick, single cavity, 32 hole
TIRES	Panaracer Duster II, Kevlar bead 26 x 2.1"	Panaracer Duster II 26 x 2.1"	Panaracer Duster II 26 x 2.1"	Panaracer Duster II 26 x 2.1"	Panaracer Duster Pro, Kevlar bead 26 x 2.1"		Panaracer Duster II, Kevlar bead 26 x 2.1"			Panaracer Duster Pro, Kevlar bead 26 x 2.1"	Panaracer Duster II, Kevlar bead 26 x 2.1"
PEDALS	Shimano SPD M535 clipless	Alloy ATB w/clips and straps	ATB w/clips and straps	ATB w/clips and straps	Shimano SPD M535 clipless		Shimano SPD M535 clipless			Shimano SPD M535 clipless	Alloy ATB w/clips and straps
SADDLE	WTB SSTX, Cro-Moly rails	Bontrager Plus 10 Racing	Bontrager Plus 10 Racing	Bontrager Plus 10 Racing	WTB SSTX, Cro-Moly rails, leather cover		WTB SSTX, Cro-Moly rails, leather cover			WTB SSTX, Cro-Moly rails, leather cover	Bontrager Plus 10 Racing
GRIPS/TAPE	Grip Shift ESP 900	Klein Instinct	Klein Instinct	Klein Instinct	Klein Instinct		Klein Instinct			Klein Instinct	Klein Instinct
WEIGHT	23.9 lbs./10.9kg	24.9 lbs./11.3kg	25.9 lbs./11.8kg	24.4 lbs./11.1kg	22.9 lbs./10.4kg		22.8 lbs./10.4kg			25.9 lbs./11.8kg	26.9 lbs./12.2kg

Klein bicycles are equipped with components available from sources worldwide. Specifications are subject to change without notice. Mountain bike weights are based on a small frame. Road bike weights are based on a 57cm frame.

MODEL	STAGE COMP	STAGE	QUANTUM PRO FUSELAGE	QUANTUM RACE	QUANTUM RACE FUSELAGE	AEOLUS FUSELAGE
ZES	47, 51, 55, 57, 59, 63cm	47, 51, 55, 57, 59, 63cm	51, 53, 55, 57, 59, 61, 63cm	51, 53, 55, 57, 59, 61, 63cm	51, 53, 55, 57, 59, 61, 63cm	51, 53, 55, 57, 59, 61, 63cm
COLOR	Blue Linear Fade	Race Red	Yellow Pearl	Caribbean Linear Fade	Caribbean Linear Fade	Blue/Lime Linear Fade or Sea & Sky Linear Fade
FORK	Road OCLV carbon	High performance aluminum	Klein Aeros	OS road OCLV carbon	OS road OCLV carbon	Bonded aluminum
MAIN TUBES	Klein Power Tubing	Klein Power Tubing	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum
STAYS	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum	Klein Gradient aluminum
HEADSET	Tange Seiki CDS, sealed	Tange Seiki CDS, sealed	Klein Airhead Precision	Tange Seiki VR254 alloy, sealed	Tange Seiki VR254 alloy, sealed	Tange Seiki VR254 alloy, sealed
HANDLEBAR	Road, 6061 T4 alloy, STI bend, 340g	Road, 6061 T4 alloy, STI bend, 396g	ITM alloy	Road, 6061 T6 alloy, STI bend, 296g	Road, 6061 T6 alloy, STI bend, 296g	
STEM	TIG welded 90° road, Cro-Moly	TIG welded 90° road, Cro-Moly	Klein Airhead	3TTT Synthesis forged aluminum	3TTT Synthesis forged aluminum	Road Cro-Moly
SEATPOST	SP-312, alloy micro-adjust	SP-312, alloy micro-adjust	Thomson one-piece machined	Thomson one-piece machined	Thomson one-piece machined	Thomson one-piece machined
GROUP	**Shimano 105SC, triple**	**Shimano RSX/ RX100, triple**		**Shimano Ultegra**		
BOTTOM BRACKET	Shimano BB-UN52	Shimano BB-UN52		Shimano BB-UN72		
CRANKSET	Shimano 105SC T 52/42/30	Shimano RX100T 52/42/30		Shimano Ultegra 53/39		
FRONT DERAILLEUR	Shimano 105SC T	Shimano RX100T		Shimano Ultegra		
REAR DERAILLEUR	Shimano 105SC GS	Shimano RSX GS		Shimano Ultegra		
SHIFT LEVERS	Shimano 105SC STI Dual Control	Shimano RSX STI Dual Control		Shimano Ultegra STI Dual Control		
REAR CLUSTER	Shimano HG70 12-23, 8spd	Shimano HG50 11-24, 7spd		Shimano HG90 12-23, 8spd		
CHAIN	HG50	HG50		Shimano HG90		
BRAKESET	Shimano 105SC Dual Pivot	Shimano RSX Dual Pivot		Shimano Ultegra Dual Pivot		
BSET	Shimano 105SC	Shimano RSX		Shimano Ultegra		
SPOKES	DT 14/15G butted stainless; 14G drive side	DT 14G stainless		DT 14G & 14/15G butted stainless w/alloy nipples		
RIMS	Matrix Aurora, double wall, clear anodized, 32 hole	Matrix Aurora, double wall, clear anodized, 32 hole		Matrix Aurora, double wall, clear anodized, 32 hole		
TIRES	Continental Super Sport 700 x 25c	Continental Sport 700 x 25c		Continental Grand Prix, foldable 700 x 23c		
PEDALS	Shimano SPD M535 clipless	Alloy road w/clips and straps		Shimano Ultegra SPD clipless		
SADDLE	SSM Techno Dynamica, Cro-Moly rails, leather cover	SSM Techno Dynamica		Selle Bassano, Silver plated 531 rails, leather cover		
GRIPS/TAPE	Black cork tape	Black cork tape		Black cork tape		
WEIGHT	21.7 lbs./9.9kg	21.7 lbs./9.9kg		19.6 lbs./8.9kg		

WARRANTY

Klein Bicycle Corporation warrants each new Klein bicycle frame and rigid fork purchased from an authorized Klein dealer against defects in workmanship and materials for five years of ownership from the date of purchase by the original owner. Klein Bicycles likewise warrants all original parts, excluding suspension forks and rear shock absorbers, for a period of one year from the date of purchase. Suspension forks and rear shock absorbers shall be covered under the stated warranty of their original manufacturers. Paint and decals are warranted for one year. This warranty is expressly limited to the repair or replacement of a defective frame, fork, or defective part and is the sole remedy of the warranty. Labor charges for frame changeovers shall be covered for one year from the date of purchase. This warranty applies only to the original owner and is not transferable.

Claims under this warranty must be made through an authorized Klein dealer. Proof of purchase is required. A warranty registration card must be completed and received by Klein Bicycles before a warranty claim may be processed.

This warranty covers bicycles and components purchased outside the United States only if they are purchased through an authorized international Klein distributor or Klein dealer within the country of purchase.

The warranty does not cover normal wear and tear, improper assembly or follow-up maintenance, installation of parts or accessories not originally intended or compatible with the bicycle as sold, damage or failure due to accident, misuse, abuse or neglect, or modification of the frame, fork or components.

Klein Bicycles shall not be responsible for incidental or consequential damages. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

This warranty gives the consumer specific legal rights, and those rights may vary from place to place. This warranty does not effect the statutory rights of the consumer.

Alivio, Bassano, Bontrager, Deore, Fox, Grip Shift, Indy, Judy, Kevlar, Manitou, Matrix, Panaracer, Rapidfire, Rock Shox, Selle, Shimano, Sugino, Synthesis, Tange, Thomson and Ultegra are the trademarks of their respective owners.

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