KLEIN

"The true beauty of a fine machine is how well it performs."

1992



A legend. A winner. The bike most often named as the one readers "plan to buy" in both the 1990 and '91 *Mountain Bike Action* surveys.

How can any bicycle be that far above the rest?

It's simple.

FIRST, BEGIN WITH TRUE INNOVATION.

Gary Klein pioneered the concept of aluminum tube bicycles nearly 20 years ago, when he was an engineering student at MIT. Each year Klein introduces new features and refinements to make its bikes lighter, faster, and ever more responsive.

At the core of every Klein is the pioneering innovation, oversize Aluminum Power Tubing®, offering a strength-to-weight ratio previously thought impossible.

SECOND, ACHIEVE QUALITY THROUGH AN OBSESSIVE ATTENTION TO DETAIL.

Klein frames are guaranteed to be in perfect alignment. The bottom brackets are maintenance free. All tubes are precisely mitered. High penetration welding goes through the parent metal. Each weld is smooth, with no gaps. Even the paint job is superior -- multiple coats of Durethane enamel that lasts for years.

THIRD, MAINTAIN QUALITY AND PROMOTE INNOVATION THROUGH HANDS-ON INVOLVEMENT AND CONTROL.

Each Klein frame is engineered and handmade in the U.S.A. Correctly and carefully. And comes with a limited lifetime or one million mile warranty.



Klein's tradition of innovation includes its patented Chain Control Device™, standard on all 1992 mountain bikes. The device keeps the chain from slipping up between the chain ring and chainstay by sweeping it clean and avoiding chain suck.



All Klein frames are made in the U.S.A. and offer exclusive design features. The patented chainstay on the drive side has a thicker wall for added stability at the point of greater stress. The bottom bracket is extended and offset to increase power train rigidity, while reducing bearing loads and friction. And the sealed bearings are directly press-fit into the precision-bored bottom bracket, creating a durable, maintenance-free unit.



Klein quality is apparent in the smooth welds and glossy finish of every frame. But what you can't see makes the biggest difference. Butted tubes provide added strength to the key stress areas of all mountain bike frames.

"The true beauty of a fine machine is how well it performs."
GARY KLEIN

Each Klein bicycle has been engineered and designed to achieve particular performance objectives. Make your selection from these 1992 models:

MOUNTAIN BIKES:
Adroit.....3
Attitude.....4
Rascal.....5
Pinnacle.....6

MULTI-USE BIKE:
Adept.....7

ROAD BIKES:
Quantum.....8
Performance.....9
Kirsten.....10

ACCESSORIES.....11
OPTIONS.....12
COMPONENTS.....13

Every Klein bicycle is engineered and handmade in the U.S.A. to the highest standards, and comes with a limited lifetime or one million mile warranty for the original owner.

ADROIT

The ultimate Klein, ridden by the Klein Racing Team and other racers obsessed with performance. Adroit™ is the lightest, fastest, most technically-advanced off-road bike produced by Klein. Includes the *Ride Control System* (supersized headset, fork, bar & stem) for maximum control at minimum weight.

Less weight with no sacrifice in strength has been made possible by oversize aluminum tubing painstakingly reinforced in key stress areas:

- "Uni-Klein" fork crown and blade; seat stay and chainstay are all reinforced with boron/carbon fiber epoxy
- Exclusive rear dropout design
- Oversized (2") down tube
- Double-butted top tube, seat tube, down tube and head tube, plus single-butted chainstay
- 1-3/8" seat tube with Klein's 31.6 x 350 mm seatpost
- Adroit comes standard with Klein's exclusive linear fade enamel finish

ADROIT GEOMETRY

Frame Specifications Frame Size	Top Tube Height From Ground (inch)	Top Tube Length (Horiz.) (cm)	Top Tube Angle	Seat Tube Angle	Head Tube Angle	Front Fork Rake (inch)	Chain Stay Length (inch)	Bottom Bracket Height (inch)	Wheel Base (inch)
46cm 18in.	27.1	56.0	15.0	72.5	70	1.44	16.65	11.5	40.4
48cm 19in.	28.1	57.9	10.0	72.5	70.5	1.44	16.65	11.5	41.0
51cm 20in.	29.4	59.4	8.0	72.5	71	1.50	16.65	11.9	41.6
56cm 22in.	31.6	61.1	7.5	72.5	71	1.63	16.65	11.9	42.6

Bike Size	Typical Rider Height
46cm (18")	5'0" - 5'4"
48cm (19")	5'4" - 5'8"

Bike Size	Typical Rider Height
51cm (20")	5'8" - 5'11"
56cm (22")	5'11" - 6'6"

Adroit (complete bicycles)	Wt. (19")
XT	24.70 lbs.
XTR	23.60 lbs.
Ultra Light	20.05 lbs.

Adroit frameset only


Titanium
Elite
Adroit
KLEIN
KLEIN
KLEIN

ATTITUDE

Ideal for serious off-road racers and mountain bike enthusiasts looking to save weight and increase speed. Attitude™ is the Klein that introduced the *Ride Control System* (supersized headset, fork, bar & stem) for quick, positive handling.

Fast, efficient, responsive, and incredibly lightweight – compare the weight of Attitude with *any* mountain bike. And check these design features:

- Double-butted head tube, plus single-butted down tube and seat tube
- Racing geometry that maximizes riding efficiency
- Horizontal rear dropouts
- Exclusive linear fade enamel finish comes standard
- Optional customized RockShox (Mag 20)

ATTITUDE GEOMETRY

Frame Specifications Frame Size	Top Tube Height From Ground (inch)	Top Tube Length (Horiz.) (cm)	Top Tube Angle	Seat Tube Angle	Head Tube Angle	Front Fork Rake (inch)	Chain Stay Length (inch)	Bottom Bracket Height (inch)	Wheel Base (inch)
46cm 18in.	27.1	56.0	15.0	72.5	70	1.44	16.65	11.5	40.4
48cm 19in.	28.1	57.9	10.0	72.5	70.5	1.44	16.65	11.5	41.0
51cm 20in.	29.4	59.4	8.0	72.5	71	1.50	16.65	11.9	41.6
56cm 22in.	31.6	61.1	7.5	72.5	71	1.63	16.65	11.9	42.6

Bike Size	Typical Rider Height
46cm (18")	5'0" - 5'4"
48cm (19")	5'4" - 5'8"

Bike Size	Typical Rider Height
51cm (20")	5'8" - 5'11"
56cm (22")	5'11" - 6'6"

Attitude *(complete bicycles)*	Wt. (19")
XT	25.3 lbs.
XTR	24.3 lbs.
Record OR	21.6 lbs.
Ultra Light	21.5 lbs.

Attitude frameset only


Titanium
Flite
ATTITUDE
KLEIN

RASCAL

Rascal™ offers radical geometry for the aspiring racer who wants an aggressive entry-level racing bike. The result? Quick handling, unsurpassed climbing and descending ability, plus the quality and durability of a Klein, including:

- Double-butted head tube, plus single-butted down tube and seat tube
- Horizontal rear dropouts
- Two-color fade enamel finish comes standard
- Optional customized RockShox (Mag 20)

RASCAL GEOMETRY

Frame Specifications Frame Size	Top Tube Height From Ground (inch)	Top Tube Length (Horiz.) (cm)	Top Tube Angle	Seat Tube Angle	Head Tube Angle	Front Fork Rake (inch)	Chain Stay Length (inch)	Bottom Bracket Height (inch)	Wheel Base (inch)
46cm 18in.	27.1	56.0	15.0	72.5	70	1.44	16.65	11.5	40.4
48cm 19in.	28.1	57.9	10.0	72.5	70.5	1.44	16.65	11.5	41.0
51cm 20in.	29.4	59.4	8.0	72.5	71	1.50	16.65	11.9	41.6
56cm 22in.	31.6	61.1	7.5	72.5	71	1.63	16.65	11.9	42.6

Bike Size	Typical Rider Height
46cm (18")	5'0" - 5'4"
48cm (19")	5'4" - 5'8"
51cm (20")	5'8" - 5'11"
56cm (22")	5'11" - 6'6"

Rascal *(complete bicycles)*	Wt. (19")
XT	25.8 lbs.
XTR	24.9 lbs.

Rascal frameset only


KLEIN
KLEIN

PINNACLE

The finest all-purpose mountain bike, Pinnacle™ is used by thousands of cyclists all over the world for both racing and touring. Enjoy Klein quality and performance, plus these special features:

- Front and rear eyelets for rack mounts
- Double-butted head tube, plus single-butted down tube and seat tube
- Chainstays, as on all Klein mountain bikes, specially designed to accommodate up to 2.35" tires
- Optional customized RockShox (Mag 20)

PINNACLE GEOMETRY

Frame Specifications Frame Size	Top Tube Height From Ground (inch)	Top Tube Length (Horiz.) (cm)	Top Tube Angle	Seat Tube Angle	Head Tube Angle	Front Fork Rake (inch)	Chain Stay Length (inch)	Bottom Bracket Height (inch)	Wheel Base (inch)
46cm 18in.	27.1	55.3	15.0	72	70	1.56	16.95	11.5	40.4
48cm 19in.	28.0	57.4	10.0	72	70	1.56	16.95	11.5	41.3
51cm 20in.	29.2	58.9	8.0	72	70	1.62	16.95	11.9	42.0
56cm 22in.	31.6	60.4	7.3	72	70	1.75	16.95	11.9	42.9

Bike Size	Typical Rider Height
46cm (18")	5'0" - 5'4"
48cm (19")	5'4" - 5'8"

Bike Size	Typical Rider Height
51cm (20")	5'8" - 5'11"
56cm (22")	5'11" - 6'6"

Pinnacle *(complete bicycles)*	Wt. (19")
XC Ltd.	25.3 lbs.
XT	25.8 lbs.
XTR	24.9 lbs.

Pinnacle frameset only


Flite
DEORE XT
KLEIN
pinnacle
KLEIN

ADEPT

New this year. An exceptional multi-use bike with the weight savings, strength, quality, and superior ride only Klein can offer. For off-road, touring, cyclocross or commuting. Adept™ features the *Ride Control System* (supersized headset, fork, bar & stem) for maximum control at minimum weight.

Choose slick tires or knobbies, Mission Control™ bar & stem or Klein's custom stem to accommodate drop bars. These features all standard:

- Double-butted top tube, seat tube, down tube and head tube, plus single-butted chainstay
- Oversized (2") down tube
- Front and rear rack mounts for panniers
- Fender mounts
- Internal routing of cables
- Accommodates 700c x 41 mm tires

ADEPT GEOMETRY

Frame Size	Top Tube Height From Ground (inch)	Top Tube Length (Horiz.) (cm)	Top Tube Angle	Seat Tube Angle	Head Tube Angle	Front Fork Rake (inch)	Chain Stay Length (inch)	Bottom Bracket Height (inch)	Wheel Base (inch)
43cm 17in.	28.3	54.0	18.3	73.8	70.5	2.00	17	10.8	40.3
48cm 19in.	29.7	56.4	9.3	73.8	71.5	1.88	17	11.0	41.1
53cm 21in.	30.9	58.7	3.4	73.8	72.0	1.63	17	11.3	41.5
58cm 23in.	33.0	60.7	3.0	73.8	72.0	1.75	17	11.5	42.6

Bike Size	Typical Rider Height
43cm (17")	5'0" - 5'3"
48cm (19")	5'4" - 5'7"

Bike Size	Typical Rider Height
53cm (21")	5'8" - 5'11"
58cm (23")	6'0" - 6'5"

Adept *(complete bicycles)*	Wt. (21")
XT	25.1 lbs.
XTR	24.1 lbs.

Adept frameset only


Titanium
Elite
Adept
KLEIN
KLEIN
KLEIN

JOIN THE "CLUB" OF KLEIN OWNERS AND LET US KNOW WHAT YOU THINK. THE MAILBOX GETS A WORKOUT ALL YEAR LONG.

"Awesome!! Amazing!! Unreal!! Incredible!!
The most wonderful cycle in the whole wide world!!"
Dr. Matthew Brick, Mt. Maunganui, New Zealand
1991 World Duathlon Champion

"Hey guys, thanks for a great ride!"
Tinker Juarez, Big Bear, CA
Klein Professional Rider (shown on cover)

"It is because of your cooperation and respect for the customer that I would ride nothing but a Klein."
P. Evans, Eatonville, WA

"Klein *cares* and *stands behind* its product."
B. Gillespie, Manhattan, NY

"I am so impressed that I had to write. Thanks a ton for a great bike — at a reasonable price!"
D. Leavon, Salem, OR

"I have yet to find a better handling bike and when I do it will be a Klein for sure."
C. LaPlant, Green Bay, WI

QUANTUM

The racer's choice. The bike that won the 1991 Duathlon World Championships. Selected by top triathletes, duathletes, and road racers who appreciate the precision and quality only Klein can offer. Oversize aluminum tubing minimizes frame flex while the design characteristics of Quantum™ make it instantly responsive. The rider's energy translates efficiently to pure forward motion.

Lightweight but rugged, with:

- Double-butted head tube
- Single-butted seat tube

QUANTUM GEOMETRY

Frame Specifications Frame Size	Top Tube Height From Ground (inch)	Top Tube Length (Horiz.) (cm)	Top Tube Angle	Seat Tube Angle	Head Tube Angle	Front Fork Rake (inch)	Chain Stay Length (inch)	Bottom Bracket Height (inch)	Wheel Base (inch)
51cm 20.1in.	29.8	53.5	0	74	73.5	1.5	16.3	10.5	38.1
53cm 20.9in.	30.6	54.7	0	74	73.5	1.5	16.3	10.6	38.6
55cm 21.7in.	31.5	55.9	0	74	73.5	1.5	16.3	10.7	39.1
57cm 22.4in.	32.4	57.1	0	74	74	1.5	16.3	10.8	39.4
59cm 23.2in.	33.2	58.3	0	74	74	1.5	16.3	10.9	40
61cm 24.0in.	34.1	59.5	0	74	74	1.5	16.3	11	40.4
63cm 24.8in.	34.8	60.7	0	74	74	1.5	16.3	11	40.9

Bike Size	Typical Rider Height
51cm (20.1")	5'2" - 5'4"
53cm (20.9")	5'4" - 5'6"
55cm (21.7")	5'6" - 5'8"
57cm (22.4")	5'8" - 5'11"

Bike Size	Typical Rider Height
59cm (23.2")	5'11" - 6'1"
61cm (24.0")	6'1" - 6'3"
63cm (24.8")	6'3" - 6'5"

Quantum *(complete bicycles)*	Wt. (55cm)
Race (105 group)	19.0 lbs.
Super Race (Ultegra)	21.3 lbs.
Deluxe Race (Dura Ace)	20.8 lbs.

Quantum frameset only


turbo
quantum
KLEIN

PERFORMANCE

For long distance racing, touring, or fitness riding. The slightly relaxed geometry of Performance™ offers a comfortable ride without sacrificing responsiveness and efficiency. Like all Klein bicycles, the precision alignment translates the rider's energy to pure forward motion.

Lightweight but rugged with:

- Double-butted head tube
- Single-butted seat tube
- Standard eyelets for rack mounts

Performance is popular with enthusiasts when set up with a triple chain ring to increase the gear range.

PERFORMANCE GEOMETRY

Frame Specifications Frame Size	Top Tube Height From Ground (inch)	Top Tube Length (Horiz.) (cm)	Top Tube Angle	Seat Tube Angle	Head Tube Angle	Front Fork Rake (inch)	Chain Stay Length (inch)	Bottom Bracket Height (inch)	Wheel Base (inch)
52cm 20.5in.	30.1	54.2	0	74	72	1.75	18	10.2	40.7
54cm 21.3in.	31.0	55.2	0	74	72	1.75	18	10.3	41.1
56cm 22.0in.	31.8	56.2	0	74	72.5	1.5	18	10.4	41.2
58cm 22.8in.	32.7	57.2	0	74	72.5	1.5	18	10.5	41.6
60cm 23.6in.	33.6	58.2	0	74	72.5	1.5	18	10.6	42.2
62cm 24.4in.	34.4	59.2	0	74	72.5	1.5	18	10.7	42.6

Bike Size	Typical Rider Height
52cm (20.5")	5'2" - 5'4"
54cm (21.3")	5'4" - 5'6"
56cm (22.0")	5'6" - 5'8"

Bike Size	Typical Rider Height
58cm (22.8")	5'8" - 5'11"
60cm (23.6")	5'11" - 6'1"
62cm (24.4")	6'1" - 6'3"

Performance *(complete bicycles)*	**Wt. (56cm)**
Sport (105 group)	19.1 lbs.
Super Sport (Ultegra)	21.4 lbs.
Deluxe Sport (Dura Ace)	20.9 lbs.

Performance frameset only


Performance
KLEIN

KIRSTEN

Designed and built for a smaller person, Kirsten™ offers all the speed and handling you expect from a Klein. Frame geometry is the key -- engineered to maximize the power and skill of a smaller, lighter rider. Special features:

- Standard eyelets for rack mounts
- Accommodates 700c front and rear wheels
- Single-butted seat tube for extra strength

Kirsten is extremely popular with female riders and is also available with or without name decals for smaller males.

KIRSTEN GEOMETRY

Frame Specifications Frame Size	Top Tube Height From Ground (inch)	Top Tube Length (Hortz.) (cm)	Top Tube Angle	Seat Tube Angle	Head Tube Angle	Front Fork Rake (inch)	Chain Stay Length (inch)	Bottom Bracket Height (inch)	Wheel Base (inch)
47cm 18.5in.	27.3	51.3	14	74	71	2.0	16.77	10.1	38.4
50cm 19.7in.	27.3	51.3	14	74	71	2.0	16.77	10.1	38.4

Bike Size	Typical Rider Height
47cm (18.5")	4'10" - 5'0"

Bike Size	Typical Rider Height
50cm (19.7")	5'0" - 5'2"

Kirsten *(complete bicycles)*	Wt. (47cm)
Sport (105 group)	18.3 lbs.
Super Sport (Ultegra)	20.6 lbs.
Deluxe Sport (Dura Ace)	20.1 lbs.

Kirsten frameset only


Kirsten
KLEIN

Klein Corporation tries to maintain an inventory of framesets, options, and bicycles so that orders can be shipped immediately. From time to time, demand is so overwhelming that production is unable to keep up. Your dealer can contact the factory at (206) 262-3305 for availability of any specific items. All Klein bicycles meet or exceed CPSC standards. Complete CPSC equipment is included with each Klein bicycle but not necessarily shown in photographs. Prices and specifications subject to change without notice.

KLEIN'S CUSTOM FRAMESETS

All Custom-fitted Framesets Include As Standard:

Side-mounted down tube shift levers, heavy-duty, precision-sealed bearing bottom bracket assembly, all cable guides, one waterbottle mount and custom fitted color-matched pump. Finished with durable Durethane polyurethane enamel in Candy Blue, Candy Teal, Candy Red, Bright Silver or Flare.

CRITERIUM Frameset only (51-68cm)
This is a custom-fitted, extremely efficient racing frame, similar to Quantum in geometry. Body measurements and riding style are analyzed for a perfect fit. Then Criterium is hand built and carefully finished in Klein's Custom Frame Department, with an unending attention to detail.

TEAM SUPER Frameset only (51-68cm)
The Team Super is the highest quality, custom-fitted frame Klein can produce. Any flaw in the finish is cause for rejection. Nothing is spared in the design and construction of this frame. In addition to all the Criterium features, Team Super has Boron fiber in the chainstays, seat stays and fork blades, providing shock-absorbing characteristics and rigidity. Boron composites absorb high frequency shock many times better than conventional materials, giving the Team Super an exceptionally smooth ride.

ADVANTAGE Frameset only (46-70cm)
Advantage is a custom-fitted frame for long distance racing, touring, or fitness riding. The slightly relaxed geometry, similar to Performance, offers a comfortable ride without sacrificing responsiveness or efficiency. The Custom Frame Department at Klein considers body measurements and riding style, then meticulously hand-finishes each Advantage.

STAGE Frameset only (46-70cm)
The Stage represents the ultimate in comfort and performance for individuals who demand the very best. In addition to all the Advantage features, Boron fiber reinforcements are used in chainstays, seat stays and fork blades to further enhance the properties of the frame. Boron fiber, per weight, is the strongest, stiffest structural material in the world, absorbing high frequency shock many times better than conventional materials. Truly, the best bicycle available.

Custom color in Durethane polyurethane enamel
(*includes color chart and touch-up paint*)
Touch-up paint, standard colors
- Single standard color
- Two-color fade
- Three-color fade

Color chart
Internally routed rear brake cable (*inside top tube*)
Aero Wishbone Seat Stay
Aero 24-inch front wheel sloping top tube
Bar control stops, in lieu of down tube levers
Replacement front fork for Advantage or Criterium
Replacement front fork for Stage or Team Super
Replacement frame-fitted pump, ready for painting
Refinish custom frameset in 1992 color
- Single standard color
- Two-color fade
- Three-color fade

Extra mounts for additional waterbottle
Color-matched alloy cage and Klein waterbottle



Standard 7/8" fits any 1" headset. Specially modified for Rascal, but suitable also for Pinnacle.

Oversized 1-3/8" fits the 1-9/16" headset. Specially modified for Attitude. Also suitable for Adroit and Adept.

CUSTOMIZED ROCKSHOX™ (MAG 20) NOW AVAILABLE AS AN OPTION

The dependable, adjustable RockShox (Mag 20) shock absorption system combines one-piece magnesium lower tubes with large diameter aluminum arc for stiffness with minimum added weight.

Klein and RockShox have worked together to adapt this state-of-the-art shock system to the Klein frame: On the standard 7/8" RockShox (Mag 20), the steerer has been made shorter to accommodate Klein's head tube length. And on the oversized 1-3/8" RockShox (Mag 20), Klein has built a special steerer in their factory to accommodate RockShox's 1-1/4" crown.

These modifications make the customized RockShox (Mag 20) even lighter, and ensure good working geometry.

All customized RockShox are painted to match when ordered with a Klein frame. The standard 7/8" is sold with frame only. The oversized 1-3/8" is sold separately in gloss black.

STANDARD MODEL OPTIONS

For Quantum, Performance, Kirsten, Pinnacle, Rascal, Adept, Adroit and Attitude models.

COMPONENTS
Bottom bracket spindles 108, 113, 117, 119, 121, 125, 130, 135
Bottom bracket bearings, precision sealed, pr.

FRONT DERAILLEURS
Shimano Hinge Clamp for braze-on style (1-1/4")
Shimano Deore XT (1-1/4")
Shimano Deore XT (1-3/8" for Adroit or Adept)

KLEIN KITS
Bottom bracket installation tool kit
Attitude/Adroit/Adept headset tool kit
Chain Control Device tool kit
Chain Control Device kit
Touch-up paint kit (standard colors)
- Single standard color
- Two-color fade
- Three-color fade

Color chart

REFINISHING PREVIOUS KLEIN MODELS
Refinish standard frameset in 1992 color
- Single standard color
- Two-color fade
- Three-color fade

1992 COLOR SELECTIONS

1992 Klein bicycles come in these standard colors:

Adroit in Gator Linear Fade
Attitude in Horizon Linear Fade
Adept in Candy Blue
Rascal in UltraViolet/Magenta Fade
Pinnacle in Bright Silver
Quantum in Flare
Kirsten in Candy Red
Performance in Candy Teal

Backfire and Sunburst (a linear fade using the Backfire colors) are also standard colors.

Any Klein bicycle can be special-ordered in the other standard colors, except Gator Linear Fade, which is available *only* on Adroit.

If you're buying an Adept, Pinnacle, Quantum, Kirsten or Performance, which come in a single color, you may choose any *other* single color with no additional charge. But you will pay extra if you special order a two-color fade or a three-color fade.

If you're buying a Rascal, which comes in a two-color fade, you may choose any single color at no additional charge. But you will pay extra if you special order a three-color fade.

Adroit can be ordered in any production color. Attitude can be ordered in any production color except Gator Linear Fade.

To refinish previous Klein models, see Standard Model Options.

Please note: There will be a short delay in delivery for *any* color changes.

MOUNTAIN & MULTI-USE BIKES

Pinnacle, Rascal, Attitude, Adroit and Adept

COMPONENTS	XC Ltd.	XT	XTR	Record OR	Ultra Light
Brake Set	XC Ltd.	Deore XT	XTR	Campagnolo Record	Dia Compe 987 titanium SS5 levers
Chain	XC Ltd.	XT HG	XTR HG	Campagnolo Roll Off	Sachs Sedis SL
Crankset	XC Ltd. 24 x 36 x 46	XT Super Glide 24 x 36 x 46	XTR Super Glide 26 x 36 x 46	Campagnolo Record 20 x 30 x 42	Suntour XC Pro 24 x 36 x 46
Front Derailleur	XC Ltd.	XT	XTR	Campagnolo Record	XC Pro 1-3/8"
Shift Levers	XC Ltd. 7 speed	XT Rapid Fire 7 speed	Rapid Fire Plus 8 speed	Campagnolo Record 8 speed	Grip Shift 8 speed
Rear Derailleur	XC Ltd.	XT	XTR	Campagnolo Record	XC Pro
Handlebars	Sakae	Klein	Klein	Klein	Klein
Stem	Sakae	Klein	Klein	Klein	Klein
Headset	DX	XT	XTR	Campagnolo Record	Klein
Hubs	XC Ltd.	XT	XTR	Campagnolo Record 8 speed	Hi - E
Quick Release	XC Ltd.	XT	XTR	Campagnolo Record	Ringle
Rims	Sun C-16	Sun C-16	Sun C-16	Sun C-16	Campagnolo Atek
Spokes	Wheelsmith	Wheelsmith	Wheelsmith	Wheelsmith	Wheelsmith
Tires	Klein 2.35	Klein 2.35	Klein 2.35	Klein 2.35	Klein 2.1
Freewheel	XC Ltd. Cassette 13 - 28, 7 spd	XT Cassette 12 - 28, 7 spd	XTR Cassette 12 - 32, 8 spd	Campagnolo Record Cassette 11 - 23, 8spd	Campagnolo Alloy (modified) 12 - 28, 7 spd
Pedals	Sakae Low Fat	XT	XTR	Campagnolo Record	Suntour Titanium XC Pro
Toeclips	Not included	XT	Shimano	Shimano	Shimano
Toestrap	Not included	Binda	Binda	Binda	Binda
Saddle	Avocet R-20	Sella Italia Flight Titanium	Sella Italia Flight Titanium	Sella Italia Flight Titanium	Sella Italia Flight Titanium
Seat Post	Klein	Klein	Klein	Klein	Klein
Waterbottle	Klein	Klein	Klein	Klein	Klein
W.B. Cage	Specialized	Specialized	Specialized	Specialized	Specialized

ROAD BIKES

Quantum, Performance and Kirsten

COMPONENTS	105	Ultegra	Dura Ace
Brake Set	105	Ultegra Dual Control Lever	Dura Ace Dual Control Lever
Chain	105	Ultegra HG	Dura Ace
Crankset	105 42 x 53	Ultegra 42 x 53	Dura Ace 42 x 53
Front Derailleur	105 (with hinge clamp)	Ultegra (with hinge clamp)	Dura Ace 32 mm (with hinge clamp)
Rear Derailleur	105	Ultegra	Dura Ace SIS
Shift Levers	105	Ultegra Dual Control	Dura Ace Dual Control
Handlebars	3TTT Forma	3TTT Forma	3TTT Forma
Stem	3TTT Synthesis	3TTT Synthesis	3TTT Synthesis
Headset	105	Ultegra	Dura Ace
Hubs	105 Cassette 7 speed	Ultegra	Dura Ace
Quick Release	105	Ultegra	Dura Ace
Rims	Campagnolo Lambda Strada (Clincher)	Campagnolo Lambda Strada (Clincher)	Campagnolo Lambda Strada (Clincher)
Spokes	Wheelsmith	Wheelsmith	Wheelsmith
Tires	Avocet Fast Grip Model 20, 25C	Avocet Fast Grip Model 20, 25C	Avocet Fast Grip Model 30, 25C
Freewheel	105 Cassette 13-21, 7 spd	Ultegra Cassette 12-23, 8 spd	Dura Ace Cassette 12-21, 8 spd
Pedals	Not included	Not included	Not included
Saddle	Vetta Lite	Vetta Lite	Flight Titanium
Seat Post	Klein	Klein	Klein
Waterbottle	Klein	Klein	Klein
W.B. Cage	Specialized	Specialized	Specialized

1992 KLEIN COLORS



KLEIN ACCESSORIES: THE ULTIMATE UPGRADE.

New for 1992: Klein's exclusive accessory items, each designed to enhance cycling performance. Like all Klein frames, these accessories are made to the highest standards and backed by our commitment to quality.



MISSION CONTROL™, KLEIN'S POPULAR ONE-PIECE 7/8" BAR AND STEM, FITS ANY BICYCLE WITH A 1" HEAD TUBE.

Extremely light and affordable, Klein's bar and stem is available in rise and no-rise models in four lengths, in gloss black. Complete with titanium hardware, and backed by Klein's limited lifetime warranty to the original owner. It's the best performance-priced, one-piece bar and stem on the market.

SPECIFICATIONS

Size	Rise	No Rise
90 mm	375.1 gm	341.1 gm
120 mm	399.2 gm	353.2 gm
135 mm	404.0 gm	355.0 gm
150 mm	417.3 gm	361.4 gm

KLEIN'S NEW SEATPOSTS ARE AVAILABLE FOR BOTH MOUNTAIN AND ROAD BIKES.

This exclusive seatpost design is smooth and elegant. Crafted from the finest heat-treated aluminum, the Klein seatpost is finished with gloss black Durethane.

Diameter	Length	Weight
For mountain bikes:		
31.6 mm	350 mm	263.5 gm
27.2 mm	350 mm	262.0 gm
For road bikes:		
27.2 mm	230 mm	217.0 gm



DEATHGRIP™ (Designed for front or rear tire)

DEATHGRIP X™ (Designed for rear tire)

KLEIN™
DEATHGRIP™
DEATHGRIP X™

KLEIN'S NEW TIRES PROVIDE SUPERIOR TRACTION, EVEN IN THE MUD.

These revolutionary tires are the fastest, best-gripping tires for extreme off-road competition. Lightweight and supple, Klein's Kevlar bead Deathgrips have a thin but rugged rubber layer over 120 thread-per-inch casing. The innovative self-cleaning design provides both cornering and traction capability in all conditions. The interleaved dispersed tread design spreads the load smoothly and evenly for the lowest rolling resistance possible. Compare the reduced weight and improved performance of Deathgrip and Deathgrip X to any other 26" mountain tire....you'll feel the difference.

THE KLEIN NAME GOES BEYOND THE FRAME.

Along with Klein's bar and stems, seatposts, tires, waterbottles and cycling caps, look for more accessories and apparel items from Klein in the future. The name means quality and performance in cycling.

KLEIN®

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$2.00