

BREZZER



**“... a silence fell over the room —
the Breezer Lightning was one of the most beautiful bikes that ever rolled into the MBA offices.”**

— *Mountain Bike Action*, 1991 Lightning review

No doubt, the look of the Breezer is very appealing. But when a rider gets on a bike, it's performance that counts. A bicycle is a vehicle, powered by a person. That's why Joe Breeze steadfastly champions sensible, efficient design. "A bike must be efficient," says Joe. "That need distances bikes from the whims of fashion that tend to prevail in our society. A bike is a breath of fresh air. It's driven by legs, not by marketing."

Most mountain bike enthusiasts know something of the Breezer's illustrious history. Some might expect pure tradition from Joe Breeze. But mountain bikes have come a long way since 1977, and Joe's focus is not on tradition. He likes things that work. And he spends a lot of time analyzing how and why things work.



Breezer mountain bikes look simple and straightforward, yet riders call them awesome. Many riders say they cannot pinpoint just what makes Breezers handle so beautifully. We won't attribute it to any one thing, either; it comes from the integration of many things. High standards. The painstaking workmanship of frame builders. Carefully chosen parts. And Joe's rigorous, thoughtful approach to design. From his unmatched years of experience and the knowledge he's gained, he distills simplicity.

You will find, in the 1993 Breezer lineup, new models, new parts and new features. There's a mountain tandem, a road bike and a full suspension mountain bike. The Softride® Front Suspension System is available as an option on all mountain bike models. Frames are still intelligently hand-built from race-proven Ritchey Logic tubing.

Breezers look clean. The continuing goal is to make bikes that are light, yet strong and practical. Parts are continually scrutinized for quality, efficiency and performance;

dead wood is pruned. Every gram of a Breezer must contribute to high performance. That's what Joe Breeze demands, and that's what today's riders demand.



"When springs and hydraulics are the order of the day, if a rigid bike strikes us as being smooth, that's something to stop and take notice of. And that's exactly what the Breezer did."

—Mountain Biking on 1992 Storm

"Off-road pioneer Joe Breeze uses a combination of crisp engineering, lightweight components and years of experience to produce a superb-handling bike."

—Mountain Bike Action on 1992 Thunder

"For general all-around trail riding the Breezer is about as perfect as you can get in this decade."

—Mountain Bike Action on 1992 Thunder

"Here's a bike that's so much fun to ride it makes you tingle. . . . We've combed the specifications, assaulted the bike with calipers and tape measures, and analyzed it every way short of using an electron microscope, without discovering why this is so. There's a certain *magic* to the Breezer Thunder."

—Bicycling Plus Mountain Bike on 1992 Thunder

"Of all the bikes the MBA test riders rode this issue, the Breezer Thunder was the most incredible. It was accurate, agile, nimble, neutral, responsive and rock-steady. You could ride 15 bikes in a row blindfolded, and then throw your leg over the Breezer and recognize its greatness. It's that good."

—Mountain Bike Action on 1992 Thunder

"Like the classic mountain bikes of the past, the Italian road bike, the German automobile, or a Swiss watch, the Breezer just seems to have an intangible quality that envelops you."

—Mountain Biking on 1992 Storm

"Compromise? We don't think the word exists in Joe Breeze's vocabulary."

—Mountain Biking on 1992 Storm

Cloud 9

A nimble Breezer frame made from Logic Prestige tubing; parts carefully selected for quality and durability. Even with bar ends and SPD pedals, this is one of the lightest mountain bikes available. A mountain biker's dream.

Color Sky Blue with Moonglow Pearl

Sizes 15", 17", 19", 21"

Frame tubing Ritchey Logic Prestige

Fork Ritchey Logic Prestige, round/oval

Headset Ritchey Logic Pro WCS with Ti finish

Handlebar Stem Ritchey ForceLite

Stem Option Softride® Front Suspension

Handlebars Ritchey ProLite WCS

Bar Ends Ritchey Logic

Grips Ritchey True Grips WCS

Brakes Shimano XTR

Brake levers SunTour new XC Pro

Front derailleur Shimano XT

Rear derailleur Shimano XTR

Shift levers SunTour XC-Pro 8-speed

Bottom Bracket Shimano XTR, 107mm

Cranks Breeze Vortex

Chainwheels Sugino SuperShift 46/36/24, hard anodized

Pedals Shimano XT, SPD

Chain Shimano Dura-Ace

Cassette Shimano XTR, 12/28, 8 speed

Hubs Shimano XTR

Hub QRs Ritchey Lightning Rod, titanium

Spokes Ritchey, 1.8/1.5mm SS, alu. nipples

Rims Ukai EX-17SL, 28°/32°, black ano/pol

Tires Ritchey Z-max WCS, Kevlar, 26" x 2.1"

Saddle Bontrager titanium, smooth leather

Seat Post Ritchey Force Pro WCS, platinum, Ø27.2mm

Seat Post Binder Ritchey Lightning Rod, Ti

Seat Adjuster Hite-Rite, Lite-Hite

Ti/Al bolt kit SRP Ti pedal spindles, axles, lower derailleur pivot, brake bolts, pad bolts, inner chainwheel bolts, seat post bolt. Aluminum chainwheel bolts, derailleur bolt, misc. bolts.



20.9 lbs
9.5 Kg

Breeze Vortex cranks • XTR 8 speed • Titanium/Aluminum performance kit • XT SPD pedals • Ritchey bar ends

Lightning

Like all Breezers, the Lightning adds up to more than any spec list can convey. The legendary ride and handling of a Logic Prestige Breezer frame; the smooth shifting and powerful braking of Shimano XTR. A thoroughbred racer.

Color Sparkling Black with Moonglow Pearl

Sizes 15", 17", 19", 21"

Frame tubing Ritchey Logic Prestige

Fork Ritchey Logic Prestige, round/oval

Headset Ritchey Logic Pro

Handlebar Stem Ritchey ForceLite

Stem Option Softride® Front Suspension

Handlebars Ritchey ProLite WCS

Bar Ends Ritchey Logic

Grips Ritchey True Grips WCS

Brakes Shimano XTR

Brake levers Shimano XTR, Servo-wave

Derailleurs Shimano XTR

Shift levers Shimano XTR Rapidfire Plus

Bottom Bracket Shimano XTR

Cranks Shimano XTR

Chainwheels Shimano XTR, 46/36/26

Pedals Shimano XT, SPD

Chain Shimano Dura-Ace

Cassette Shimano XTR, 12/28, 8 speed

Hubs Shimano XTR

Hub QRs Ritchey Lightning Rod

Spokes Ritchey, 1.8/1.5mm stainless steel, aluminum nipples

Rims Ukai EX-17SL, 32°/32°, black anodized/polished

Tires Ritchey Z-max WCS, Kevlar, 26" x 2.1"

Saddle Bontrager titanium, smooth leather

Seat Post Ritchey Force Pro, Ø27.2mm

Seat Post Binder JD Flip Lock

Seat Adjuster

Hite-Rite,
Lite-Hite



21.9 lbs
9.9 Kg

XTR group • Ritchey bar ends • Ritchey Z-Max WCS tires • Ritchey WCS handlebars • Ritchey Lightning Rod QRs

Beamer

The Beamer features the versatile Softride® suspension system. By suspending the rider, not just the bike, the Softride® system is supple enough to eat up fatiguing small bumps without bobbing like motorcycle-type suspensions. Four inches of beam travel and two inches of stem travel absorb big hits. And when sprint power is needed, an efficient, rigid frame is ready and waiting.

Color Emerald Green with Moonglow Pearl

Sizes 19", 21"

Frame type Powercurve®

Frame tubing Ritchey Logic Prestige

Beam Softride® SRS

Fork Ritchey Logic Cro-Mo, round/oval

Headset Ritchey Logic Comp

Stem Softride® Front Suspension

Handlebars Ritchey ProLite WCS

Bar Ends Ritchey Logic

Grips Gripping Solution Endurance

Brakes Dia-Compe 987

Brake levers Shimano XT, Servo-wave

Derailleurs Shimano XT

Shift levers Shimano XT Rapidfire Plus

Bottom Bracket Ritchey Logic Comp

Cranks Ritchey Logic, cold-forged

Chainwheels Ritchey SuperShift, 46/36/24, hard ano

Pedals Shimano XT, SPD

Chain Shimano Hyperglide

Cassette Shimano XT, 12/28, 7 speed

Hubs Shimano XT

Hub QRs Ritchey Lightning Rod

Spokes Wheelsmith, 1.8/1.55 SS, silver alu. npl.

Rims Ukai EX-17SL, 32°/32°, black ano/polished

Tires Ritchey Z-max WCS, 26" x 2.1"

Saddle Bontrager titanium, smooth leather



24.8 lbs
11.3 Kg

Full Softride® system • Ritchey Logic Prestige tubing • Bontrager Titanium saddle • Ritchey WCS handlebars • XT SPD pedals

"The Breezer is a thoroughly fast trail bike."

—Mountain Bike Action on 1992 Thunder

Hurricane

Same superb-handling frame as the Lightning. Parts are XT where it counts, for shifting and braking, plus weight-saving, race-proven Ritchey components elsewhere. A winning machine.

Color Ruby Red with Moonglow Pearl

Sizes 15", 17", 19", 21"

Frame tubing Ritchey Logic Prestige

Fork Ritchey Logic Cro-Mo, round/oval

Headset Ritchey Logic Expert

Handlebar Stem Ritchey ForceLite

Stem Option Softride® Front Suspension

Handlebars Ritchey ForceLite 2014-T6

Bar Ends Ritchey Logic

Grips Gripping Solution Endurance

Brakes Shimano XT

Brake levers Shimano XT, Servo-wave

Derailleurs Shimano XT

Shift levers Shimano XT Rapidfire Plus

Bottom Bracket Ritchey Logic Comp

Cranks Ritchey Logic, cold-forged

Chainwheels Ritchey SuperShift, 46/36/24, hard anodized

Pedals Shimano XT w/ toeclips, CatEye Snake straps

Chain Shimano Hyperglide

Cassette Shimano XT, 12/28, 7 speed

Hubs Shimano XT

Hub QRs Ritchey Lightning Rod

Spokes Wheelsmith, 1.8/1.55mm SS, alu. npl.

Rims Ukai EX-17, 32°/32°, black ano/polished

Tires Ritchey Z-max WCS, Kevlar, 26" x 2.1"

Saddle Bontrager titanium, smooth leather

Seat Post Ritchey Force Directional, Ø27.2mm

Seat Post Binder JD Flip Lock

Seat Adjuster Hite-Rite



22.9 lbs
10.4 Kg

Ritchey bar ends • Bontrager Titanium saddle • Ritchey Z-Max WCS tires • Logic cold-forged cranks with SuperShift

Thunder

This year the renowned Thunder is built with the acclaimed Logic Prestige tubing—a weight-paring upgrade that riders will love. Spec'd with reliable STI Rapidfire Plus shifting and powerful XT Servo-wave brake levers. Never-duplicated Breezer ride, and component performance where you need it.

Color Cobalt Blue with Moonglow Pearl

Sizes 17", 19", 21"

Frame tubing Ritchey Logic Prestige

Fork Ritchey Logic Cro-Mo

Headset Ritchey Logic Expert

Handlebar Stem Ritchey ForceLite

Stem Option Softride® Front Suspension

Handlebars Ritchey ForceLite 2014-T6

Grips Gripping Solutions Endurance

Brakes Shimano DX

Brake levers Shimano XT, Servo-wave

Derailleurs Shimano XT

Shift levers Shimano XT Rapidfire Plus

Bottom Bracket Shimano UN71

Crank Shimano DX

Chainwheels Shimano DX Hyperdrive, 46/36/24

Pedals Shimano DX w/toeclips

Chain Shimano DX, HG70

Cassette Shimano DX, 12/28, 7 speed

Hubs Shimano DX

Spokes 1.8mm, stainless steel

Rims Ukai EX-17, 32°/32°

Tires Ritchey Z-max CST, 26" x 2.1"

Saddle Bontrager Cr-Mo, smooth leather

Seat Post Ritchey Force Directional, Ø27.2mm

Seat Post Binder JD Flip Lock

Seat Adjuster Hite-Rite



"Steering control on singletrack was almost telepathic."

—Bicycling Plus Mountain Bike on 1992 Thunder



23.9 lbs
10.9 Kg

Logic Prestige tubing • XT Rapidfire-Plus shifters and derailleurs • Ritchey Kevlar tires • Bontrager Cr-Mo saddle

Storm

Built from responsive Ritchey Logic Super Tubing. Last year's Storm was praised by *Mountain Biking* magazine for its "overall balance, smoothness, and confidence-inspiring performance . . . 100 percent performance in every riding situation." For 1993, it's spec'd with the phenomenal new LX group. As always, the Storm is outstanding in its class.

Color Ruby Red with Moonglow Pearl

Sizes 17", 19", 21"

Frame tubing Ritchey Logic Cr-Mo

Fork Ritchey Logic Cro-Mo

Headset Ritchey Logic Expert

Handlebar Stem Breeze

Stem Option Softride® Front Suspension

Handlebars Ritchey ForceLite 2014-T6

Grips Ritchey True Grips

Brakes Shimano LX

Brake levers Shimano LX, Servo-wave

Derailleurs Shimano LX

Shift levers Shimano LX, dual SIS

Bottom Bracket Shimano LX

Cranks Shimano LX, low profile

Chainwheels Shimano LX, 46/36/26

Pedals MKS Carbon w/toeclips

Chain Shimano, HG70

Cassette Shimano, 12/28, 7 speed

Hubs Shimano LX

Spokes 1.8mm, stainless steel

Rims Uka! EX-17, 32°/32°

Tires Ritchey Z-max, Kevlar, 26" x 2.1"

Saddle Bontrager

Seat Post Ritchey Force Directional, Ø27.2mm

Seat Post Binder JD Flip Lock

Seat Adjuster Hite-Rite



"What floored us was how well the bike handled."

—*Mountain Biking* on 1992 Storm



24.5 lbs
11.1 Kg

Ritchey Logic Super Tubing

• **All-new superlight LX group**

• **Hyperdrive chainrings**

• **Bontrager saddle**

Panoramic

Joe's carefully developed geometry provides responsiveness and fine handling that are immediately apparent to tandem lovers. Large-diameter tubing yields a torsionally rigid frame. Ritchey Logic cold-forged tandem cranks, rugged Hugi freehub and XTR 8-speed gearing make the Panoramic's drive train most impressive. Rear drum brake takes the heat off the rims on long downhills. A tandem for connoisseurs.

Color Ruby Red with Moonglow Pearl

Sizes 19.5"/17" and 21"/19"

Frame tubing Tange Cr-Mo/USA 4130

Fork Tange Durango Cr-Mo Tandem

Headset Ritchey Logic Expert Ø1 1/8"

Handlebar Stems Breeze Tandem

Stem Option Softride® Front Suspension

Handlebars Ritchey ForceLite 2014-T6

Grips Ritchey
True Grips

Cantilever Brakes

Shimano XT

Cantilever Brake Levers

Shimano XTR, Servo-wave

Drum Brake Arai

Drum Brake Lever SunTour

XC Pro shifter

Front Shifter SunTour XC

Pro top mount

Rear Shifter Shimano XTR,

STI 8 speed

Front Derailleur

Shimano XT

Rear Derailleur Shimano

XTR, 8 speed

Bottom Bracket Ritchey

Logic Pro, precision-ground

Cranksets Ritchey Logic

Tandem, cold-forged

Chainwheels Ritchey,

54/38/26; front, 38/38

Pedals Shimano DX w/ toe-clips, straps

Chains Shimano HG91

Cassette Shimano XTR,

12/32, 8 speed

Hub, Rear Hugi-Ibis 18-pawl w/brake threads

Hub, Front Shimano XT

Spokes Wheelsmith, 2.0/1.8mm stainless

Rims Mavic 261, 36°/36°, silver

Front Tire Ritchey Z-max, 26" x 2.35"

Rear Tire Specialized Cannibal, 26" x 2.20"

Saddles Bontrager

Seat Posts Ritchey Force Directional, Ø29.4mm

Seat Post Binders SunTour XC Pro



40.4 lbs
18.4 Kg

Logic tandem crankset • XTR 8-speed • Hugi-Ibis 18-pawl freehub • Arai drum brake • Over-sized, thin-wall 4130

Venturi

Joe Breeze's years as a Category 1 road racer, combined with the insight gained from his work with mountain bikes, have resulted in this light and responsive road bike. The Venturi has a downsized frame, with a shorter seat tube and proportionally longer top tube than a traditional road bike. This gives it lateral rigidity, high pedaling efficiency, and greater comfort. The 90° stem takes a shortcut to the handlebars, putting the stem's extension tube in alignment to best resist sprinting torque.

Color Sky Blue with Moonglow Pearl

Sizes 48cm, 51cm, 54cm, 57cm

Frame tubing Ritchey Logic Prestige

Fork Tange Silhouette, Cr-Mo

Headset Ritchey Logic Comp

Handlebar Stem Ritchey Force Comp, 90°

Handlebars Modolo Anatomic

Brakes Shimano Ultegra 600

Brake levers Shimano Dura-Ace

Derailleurs Shimano Dura-Ace

Shift levers Shimano Dura-Ace STI

Bottom Bracket Shimano UN71

Cranks Shimano Ultegra 600

Chainwheels Shimano Ultegra 600, 39/53

Pedals Shimano, road SPD

Chain Shimano, HG90

Cassette Shimano Ultegra 600, 13/23, 8 speed

Hubs Shimano Ultegra 600

Hub QRs Ritchey Lightning Rod

Spokes Wheelsmith, 1.8/1.55mm, stainless steel, alu. nipples

Rims Araya CTL-385, 32°/32°

Tires Ritchey Road Force K, 700 x 24

Saddle Bontrager Titanium, smooth leather

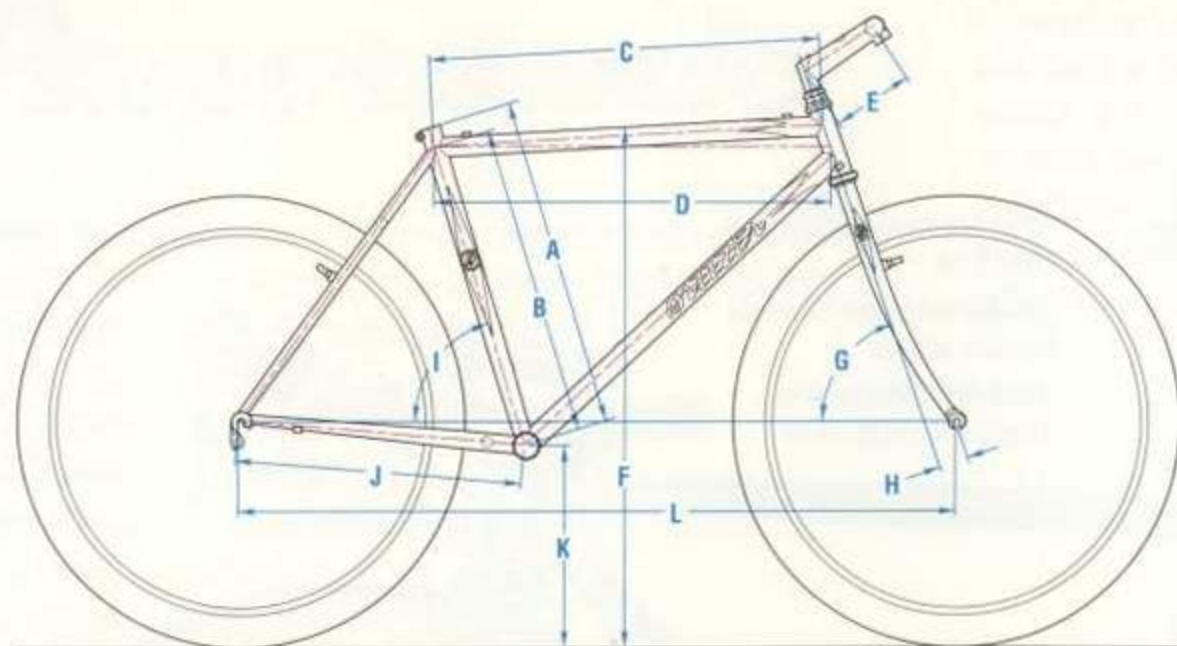
Seat Post Ritchey Force Directional, Ø27.2mm



19.7 lbs
8.9 Kg

Ritchey Logic Prestige tubing • Dura-Ace STI and derailleurs • Bontrager Titanium saddle • SPD road pedals

Cloud 9, Lightning, Hurricane, Thunder, Storm



Thunder	17-inch	19-inch	21-inch
A Seat tube, center to top	435mm	485mm	535mm
B Seat tube, center to center	405mm	455mm	505mm
C Top tube, center to center	545mm @ 7.5°	575mm @ 3°	600mm @ 0°
D Top tube, level measure	565mm	585mm	600mm
E Stem length, center to center	100mm	120mm	140mm
F Top to ground at middle	735mm	763mm	795mm
G Head Angle	71°	71°	71°
H Fork offset	43mm	43mm	43mm
I Seat angle	73°	73°	73°
J Chainstay length	425mm	425mm	425mm
K Bottom bracket height	295mm	295mm	295mm
L Wheelbase	1037mm	1059mm	1076mm
Crank length	175mm	175mm	175mm
Weight , 19-inch bike: 23.9 lbs/10.9 kilos			

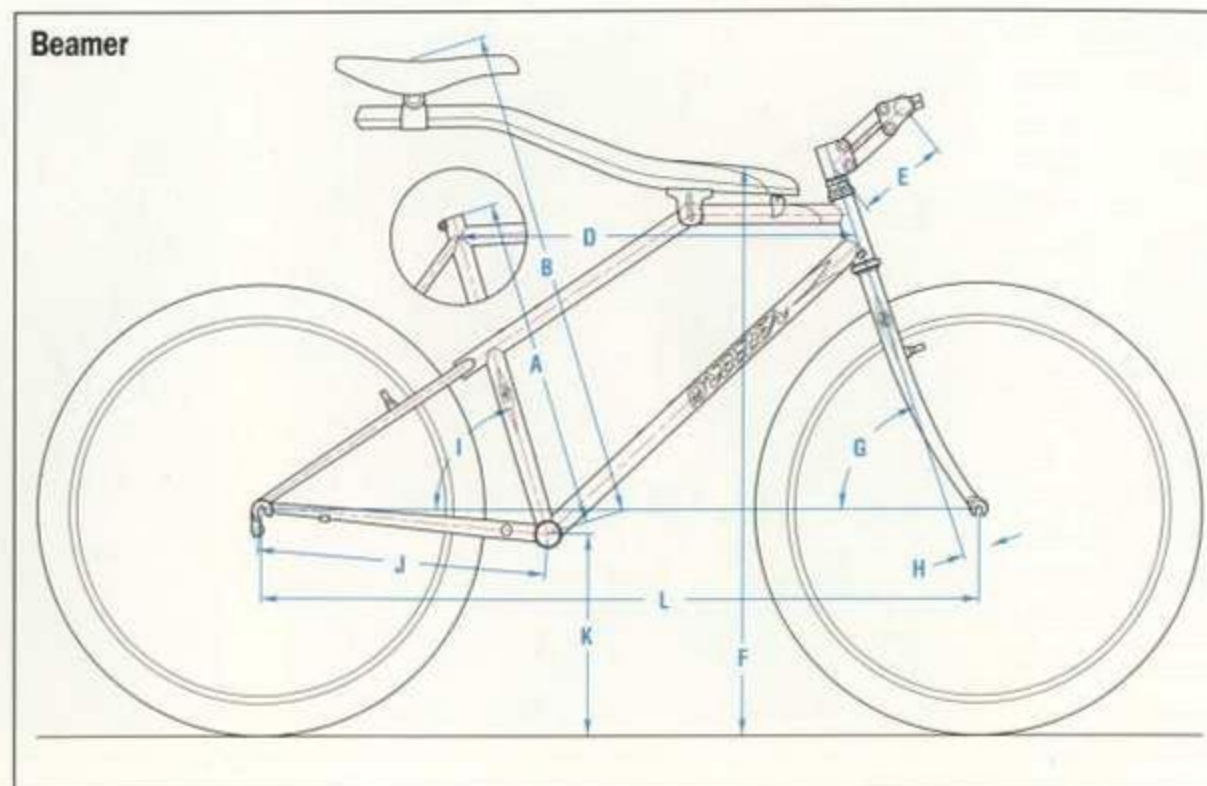
Cloud 9, Lightning, Hurricane	15-inch	17-inch	19-inch	21-inch
A Seat tube, center to top	385mm	435mm	485mm	535mm
B Seat tube, center to center	355mm	405mm	455mm	505mm
C Top tube, center to center	523mm @ 14°	550mm @ 8°	580mm @ 3°	605mm @ 0°
D Top tube, level measure	550mm	570mm	590mm	605mm
E Stem length, center to center	100mm	110mm	120mm	140mm
F Top to ground at middle	708mm	733mm	763mm	792mm
G Head Angle	71.5°	71.5°	71.5°	71.5°
H Fork offset	40mm	40mm	40mm	40mm
I Seat angle	73°	73°	73°	73°
J Chainstay length	422mm	422mm	422mm	422mm
K Bottom bracket height	290mm	295mm	295mm	295mm
L Wheelbase	1009mm	1032mm	1054mm	1070mm
Crank length	170mm	175mm	175mm	175mm
Weight 19-inch bike: Cloud 9, 20.9 lbs/9.5 kilos; Lightning, 21.9 lbs/9.9 kilos; Hurricane 22.9 lbs/10.4 kilos				

Storm	17-inch	19-inch	21-inch
A Seat tube, center to top	435mm	485mm	535mm
B Seat tube, center to center	405mm	455mm	505mm
C Top tube, center to center	545mm @ 7°	575mm @ 3°	600mm @ 0°
D Top tube, level measure	565mm	585mm	600mm
E Stem length, center to center	100mm	120mm	140mm
F Top to ground at middle	737mm	768mm	800mm
G Head Angle	71°	71°	71°
H Fork offset	43mm	43mm	43mm
I Seat angle	73°	73°	73°
J Chainstay length	430mm	430mm	430mm
K Bottom bracket height	300mm	300mm	300mm
L Wheelbase	1044mm	1066mm	1083mm
Crank length	175mm	175mm	175mm
Weight 19-inch bike: 24.5 lbs/11.1 kilos			

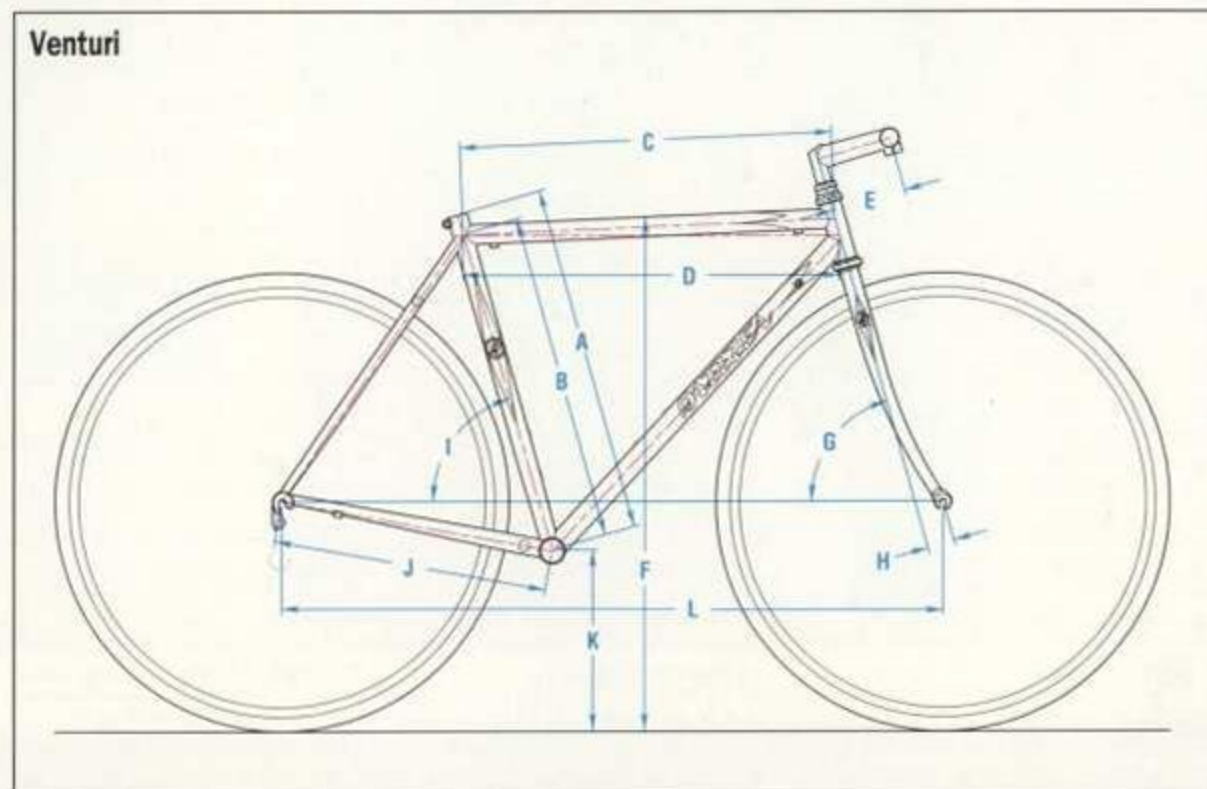
“A tabulation of tube dimensions doesn’t completely explain our giddy reaction to this bike.”

—*Bicycling Plus Mountain Bike*
on 1992 Thunder

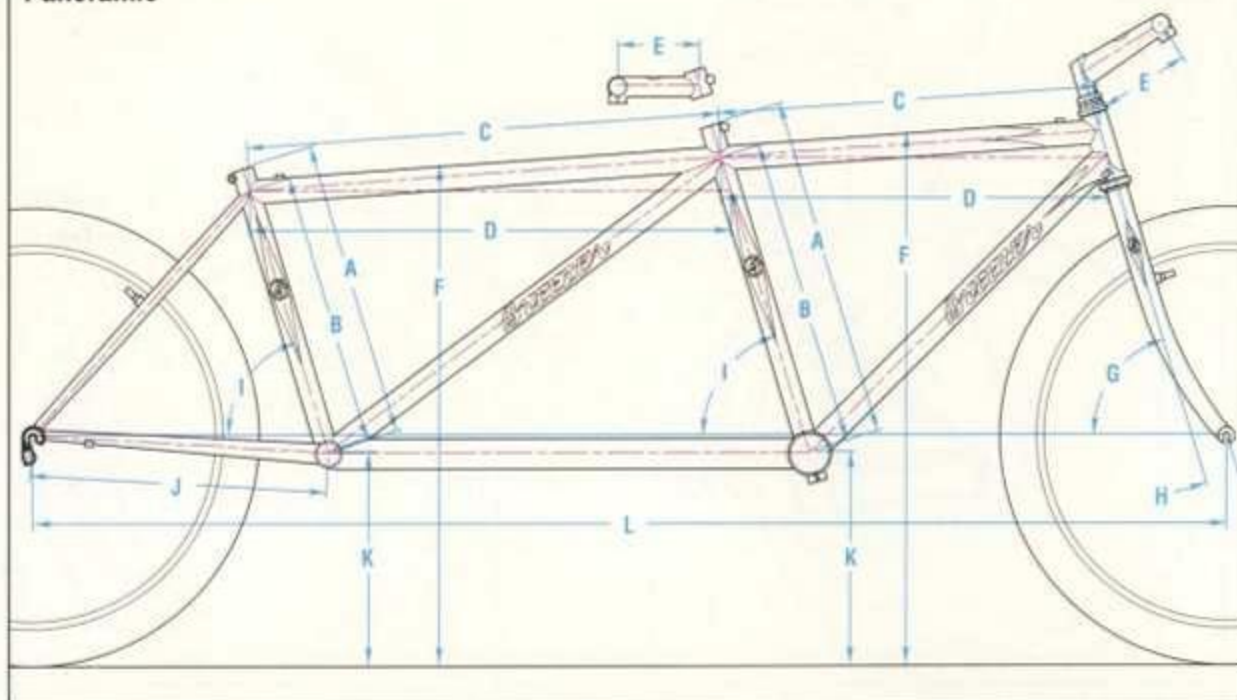
Beamer	19-inch	21-inch
A Seat tube, center to top	485mm	535mm
B BB to seat, min-max	710–790mm	760–840mm
D Top tube, level measure	585mm	600mm
E Stem length, center to center	135mm	150mm
F Top to ground at front	835–850mm	880–900mm
G Head Angle	71.5°	71.5°
H Fork offset	40mm	40mm
I Seat angle	73°	73°
J Chainstay length	422mm	422mm
K Bottom bracket height	295mm	295mm
L Wheelbase	1054mm	1070mm
Crank length	175mm	175mm
Weight 19-inch bike: 24.8 lbs/11.3Kg		



Venturi	48cm	51cm	54cm	57cm
A Seat tube, center to top	480mm	510mm	540mm	570mm
B Seat tube, center to center	450mm	480mm	510mm	540mm
C Top tube, center to center	524mm @ 5°	549mm @ 2.5°	569mm @ 0°	585mm @ 0°
D Top tube, level measure	535mm	555mm	570mm	585mm
E Stem length, center to center	100mm	110mm	120mm	130mm
F Top to ground at middle	732mm	751mm	769mm	798mm
G Head Angle	73.5°	74°	74°	74.5°
H Fork offset	43mm	40mm	40mm	37mm
I Seat angle	74.5°	74°	73.5°	73°
J Chainstay length	405mm	405mm	405mm	405mm
K Bottom bracket height	262mm	264mm	264mm	267mm
L Wheelbase	965mm	975mm	985mm	989mm
Crank length	170mm	172.5mm	172.5mm	175mm
Weight 51cm bike: 19.7 lbs/8.9 Kg				



Panoramic

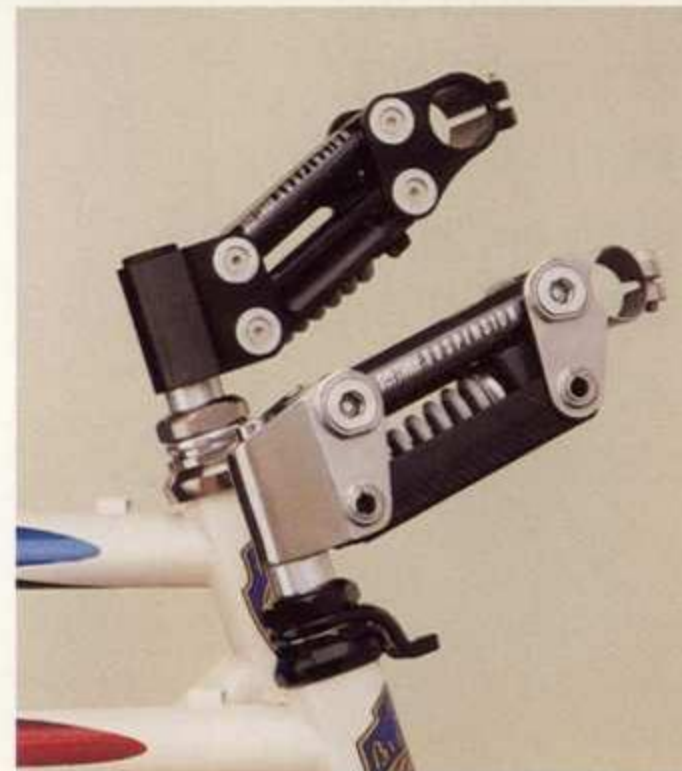


Panoramic	19.5-inch front/17-inch rear	21-inch front/19-inch rear
A Seat tube, center to top	500mm/435mm	535mm/485mm
B Seat tube, center to center	450mm/400mm	485mm/450mm
C Top tube, center to center	560mm/697mm @ 4°	578mm/731mm @ 2.5°
D Top tube, level measure	570mm/710mm	585mm/740mm
E Stem length, center to center	130mm/120mm	130mm/120mm
F Top to ground at middle	777mm/729mm	802mm/772mm
G Head Angle	73°	73°
H Fork offset	50mm	50mm
I Seat angle	73°/73°	73°/73°
J Chainstay length	438mm	438mm
K Bottom bracket height	310mm/310mm	310mm/310mm
L Wheelbase	1762mm	1807mm
Crank length	175mm/175mm	175mm/175mm
Weight 19.5/17-inch bike: 40.4 lbs/18.4 Kg. (Without drum brake, 38.5 lbs/17.5 Kg)		

The remarkable Softride® Front Suspension System is an option on mountain bike models. Its advantages include:

- Over 2 inches of travel
- Adjustable spring rate
- Better feel when sprinting
- Excellent control while braking
- More than half a pound lighter than fork suspension systems.

Race-proven by world champions. Available in aluminum, 135mm and 150mm; or cromoly, 140mm and 160mm. Rise is 12°, adjustable +/- 3°.



The Panoramic's oversized, thin-walled 4130 chromoly tubing benefits from a gusset, which girdles head tube and reinforces down tube. Gusset is artfully scalloped and feathered in to transfer stresses evenly.

**"Joe Breeze is meticulous
when it comes to design-
ing his bikes."**

Mountain Bike Action on 1992 Thunder

Bulge-butted seat tube is stronger and straighter than sleeved type. Separate seat binder makes quick release easy to operate. Rigid brake hanger reduces flex, smooths cable routing. Scalloped binder prunes weight.



Wide spacing of top and down tubes gives greatest strength per head tube length. Housing stops are brazed onto head tube to avoid heat damage to thinner-walled down tube. Shift stops position housing for maximum brake cable clearance. Head tube bottom is ex-butted.

Lightweight Breeze-in rear dropouts allow efficient shape of chainstay to extend as close as possible to rear axle. Web flanges make dropouts rigid, improving pedaling and braking efficiency and increasing derailleur-hanger strength. Ramps guide hub into frame.



Race-proven Ritchey Logic and Logic Prestige tubing put strength where it's needed and reduce overall weight. Seat tube is flared and elliptical at bottom bracket, to reduce pedaling flex. Shimano cable guide's improved plastic fights friction even when bone-dry.

Cloud 9, Lightning, Beamer, Hurricane, Panoramic, Venturi

Breezer Distributors

United States

The Merry Sales Co.

1415 San Mateo Ave.

South San Francisco, California 94080

Phone (415) 871-8870 Fax (415) 589-1222

Outside California, Phone (800) 245-9959

Canada

Boyes & Rosser (BRC)

2660 No. 5 Road, Richmond, BC V6X 2T3

Phone (604) 270-4438 Fax (604) 270-8144

Germany & Austria

Bike Action

Weiskircher Strasse 47, D-6054 Rodgau 1

Phone (0) 6106-61667 Fax (0) 6106-61438

Japan

Norton Bicycle Industry Co. Ltd.

1-9, 1-Chome, Narihira, Sumida-Ku, Tokyo

Phone (03) 3626-7912 Fax (03) 3829-2994

Switzerland

Cycle Trading Co. (CTC)

Heihrichstrasse 79, CH-8005 Zurich

Phone (01) 273 11 73 Fax (01) 273 11 81

United Kingdom

ATB Sales Ltd.

Whitworth Road, St Leonards on Sea,

East Sussex TN37 7PZ

Phone (0424) 753566 Fax (0424) 751415



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