



Vol. 10
\$2.00

BRIDGESTONE

WHERE HAVE ALL THE



Five years ago road bikes outsold fat-tire bikes 10-to-1. Now, in the Western states, fat-tire bikes outsell road bikes 3-to-1. Nationwide, they're tied, but fat tire bikes are gaining. For many people the choice is Fat-bike or NO bike. Where does that leave road bikes? Are they destined to be used only for road racing or triathlon training in Florida? Let's hope not. Nothing beats a road bike for road riding. Compared to mountain bikes, road bikes are lighter, they roll faster, they accelerate and climb much faster. Road bikes encourage athletic riding, because they respond to your effort. You pedal hard, the bike goes fast. When you're

bushed and just want to cruise—well, you'll cruise faster with less effort on a road bike.

Road bikes aren't just for road racing. The top mountain bike racers train on road bikes. Some train almost entirely on road bikes. Why? Because it's generally easier to get a good, continuous workout on the road than it is on trails. Climbs are longer. Your workout isn't interrupted by technical sections. You lean around corners at 26 mph without fear of running into a hiker or a horse. You climb without thinking about steering or traction. Choose your roads right, and cars won't bother you. Road riding is exhilarating, it's the fastest way to get fit, and

ROAD BIKES GONE ?



road bikes are the right tools for the job. Road bikes go off-road, too. On all but the most technical trails, a slightly modified road bike works great. Put on lower gears and fatter-than-normal tires, and you can go almost anywhere a mountain bike will take you.

But most post-1986 road racing-style bikes have a problem: The forks are too short, and the rear brake bridge is brazed on too low, so these larger cross-section tires don't fit! (The tire rubs the underside of the brake bridge or fork crown). This severely limits their versatility.

Your Bridgestone road bike is different. We size our forks and

place our rear brake bridges so you can ride 32c (chubby) tires on our RB-1, and 35c (downright fat) tires on our RB-2. We spec brakes that don't interfere, too, and we do this without compromising any roadworthiness.

We think these are the best-designed, best-riding road bikes available anywhere. Before you buy any bike, road or mountain bike, ride one.

And if you still want a city bike or a mountain bike, look at ours. They're *equally* well thought-out.

COMP MB-0

This might be the only production bike made that a hard-riding/lightweight/equipment freak can ride box-stock. It's up to \$1200 less expensive and almost 2 lbs. lighter than its competition. We're only making 1000 of these.





Technical Data

- SIZE: 42, 46, 49, 52, 55 cm
- COLOR: Ivory
- WEIGHT: 24.3 lbs (49cm)

		
  RITCHHEY LOGIC PRESTIGE TUBING throughout flared seat tube, investment cast seat collar double-tapered seatstay, butted chainstay, RITCHHEY LOGIC triple-tapered-gauge fork, RITCHHEY LOGIC headset, DIA-COMPE cable hanger, front & rear		RITCHHEY MEGABITE-OVERDRIVE KEVLAR tire, Superlight inner tube  RITCHHEY VANTAGE-COMP rim/ WHEELSMITH butted spokes
 SPECIALIZED ST-1 cold-forged crank-170,172.5,175mm-46-34-24 round ring	 SUNTOUR XC-PRO derailleur with XC-PRO 12-26T cog, chain	 DIA-COMPE new "Super-Diet" brake, buffed and clean-anodized finish
 RITCHHEY FORCE heat-treated butted alloy pillar/TURBO leather saddle	 SUNTOUR XC-PRO sealed-cartridge pedal, SUPERBE-PRO track cage, TIOGA POWERCRIP and 450mm strap	 RITCHHEY FORCE-COMP stem and bar, heat-treated CrMo, butted/DIA-COMPE ADVANTAGE 5-SL (Superlight version) lever/RITCHHEY TRUE grip

Ivory



COMP MB-1

Year after year, this is the bike-shop employee's favorite bike, and one of the most popular bikes on the race circuit. The 1990 MB-1 is the best and lightest yet.



Blackish Gray/White

Technical Data

- RITCHEY LOGIC PRESTIGE throughout, RITCHEY LOGIC fork
- RITCHEY MEGABITE tire, VANTAGE 32H rim, WHEELSMITH # 15 spokes
- SHIMANO DEORE-XT group; with round chainring, 2-finger brake, SHIMANO DEORE-XT pedal
- RITCHEY FORCE-COMP heat-treated CrMo stem, heat-treated alloy bar
- RITCHEY FORCE butted seatpost, AVOCET leather saddle, SANSIN Quick-Lock binder
- 46, 49, 52, 55cm
- Gray/White



COMP MB-2

This might be our best value in a competition bike. Notice the SUNTOUR multi-mount shifters (with friction option), cold-forged crank, and Grease Guard bottom bracket: you can relube the crank bearings without getting messy.



Enamel Blue

Technical Data

- RITCHIEY LOGIC PRESTIGE tubing, RITCHIEY LOGIC fork
- SUNTOUR XC-COMP drivetrain; with grease-injectable B.B.
- DIA-COMPE 986 new superlight brake and ADVANTAGE-5 compact lever
- SANSIN Sealed-Cartridge hub
- RITCHIEY MEGABITE tire, VANTAGE 32H rim, WHEELSMITH spokes
- RITCHIEY FORCE-COMP heat-treated CrMo stem, heat-treated alloy bar
- SR CTP-400 Low-Fat pedal, SPECIALIZED MTN. clip
- AVOCET RACING saddle, SR MTE-300 seatpost, SANSIN Quick-Lock binder
- 42, 46, 49, 52, 55cm
- Blue



COMP MB-3

Year after year the MB-3 is our most popular competition bike. This year, with the new RITCHEY Logic fork and frame tubes, it's a killer.



Solid Black



Seminole Red/Pearl White



Technical Data

- RITCHEY LOGIC CrMo butted tubing
- RITCHEY LOGIC triple-taper-gauge fork
- SHIMANO new DEORE-DX group; with round chainring and 2-finger brake
- RITCHEY VANTAGE 32H rim, MEGABITE tire, WHEELSMITH spokes
- RITCHEY FORCE handle stem, FORCE bar and TRUE grip
- SR CTP-400 Low-Fat pedal, TIOGA POWER CLIP
- AVOCET RACING saddle, SR MTE-300 seatpost, SANSIN Quick-Lock binder
- 38, 42, 46, 49, 52, 55cm
- Red/White or Black



Solid Black

HOW TO CHOOSE AMONG OUR 7 MODELS

FRAME/FORK/ COMPONENT	FEATURE	BENEFIT OVER LOWER FEATURE	MB-0	MB-1	MB-2	MB-3	MB-4	MB-5	MB-6
TOP, SEAT & DOWN TUBES	CrMo								
	Logic CrMo	Lighter							
	Prestige Logic CrMo	Lighter, Stronger							
CHAINSTAYS	High Tensile Steel								
	CrMo	Lighter, Stronger							
	Prestige Logic CrMo	Lightest, Strongest							
FORK	CrMo								
	Logic CrMo	Lighter							
	Logic/Force Dir. Streerer	Lighter, Stronger							
RIM	Channel Section								
	Channel "V" Section	Lighter, Stronger							
	Box "V" Section	Lighter, Stronger Still							
	Narrow Box "V" Section	Lightest, Plenty Strong							
TIRE/ INNER TUBE	1.5"/Std. Wt.								
	2"/Std. Wt.	More Traction, Cushier							
	2" Kevlar Bead/Superlite	Lightest							
SPOKES	Stain Resistant (36)								
	Stainless 14 Ga. (32)	Stronger, Prettier							
	Stainless 15 Ga. (32)	Lighter							
	Stainless 14 x 16 (32)	Lightest							
CRANKARMS/ CHAINRINGS	Pressure Cast/Steel								
	Pressure Cast/Aluminum	Lighter							
	P. Cast; Polished/Aluminum	Prettier							
	Cold Forged/Aluminum	Stronger, Lighter, Prettier							
HANDLE BAR	High Tensile Steel								
	Aluminum	Lighter							
	Heat Treated Alum	Stronger, Lighter							
	Prestige CrMo	Stronger							
STEM	High Tensile Steel								
	CrMo	Lighter, Stronger							
	Heat Treated Butted CrMo	Lightest, Strongest							
HUBS	Sealed Mechanism	Better Seal							
	Sealed Cartridge	Best Seal							
	Sealed Cartridge/Alum Axle	Best Seal, Lighter							
BRAKE LEVERS	Resin								
	Cast Aluminum								
	Cold-Forged Aluminum	Stronger, Lighter							
BRAKE ARCH	Cast Aluminum								
	Cold-Forged Aluminum	Stronger, Lighter							
SEAT POST	Brushed Steel								
	Cast Aluminum	Lighter							
	Forged, Butted Aluminum	Stronger, Lighter							
SADDLE	Vinyl, Touring								
	Vinyl, Racing	Lighter							
	Leather, Racing	Lighter, More durable							
PEDALS/ TOE CLIPS	Resin/None								
	Plastic & Steel/Plastic	Better Grip							
	Alum/Plastic	More durable							
	Alum., Sealed/Plastic	Lightest, Strongest, Sealed							

TRAIL BLAZER MB-4

The MB-4 is the least expensive bike we make with superlight & strong RITCHEY Logic tubing. SUNTOUR's new Accushift Plus shifting is totally foolproof. And finally—all chainrings are ROUND!



Fern Green



Solid Black/Silver



Technical Data

- RITCHEY LOGIC CrMo butted tubing, CrMo 1-1/8" fork
- RITCHEY VANTAGE SPORT 32H rim, MEGABITE tire, WHEELSMITH spokes
- DIA-COMPE X-1 brake, alloy compact lever
- SR X-1 high-finish crank, alloy round ring, bolt type B.B.
- SUNTOUR X-1 derailleur, AP freewheel, SANSIN sealed hub
- RITCHEY FORCE handle stem, FORCE bar and TRUE grip
- SR Low-Fat pedal, FISHER MOUNTAIN clip, 450mm strap
- AVOCET TOURING saddle, 300mm alloy seatpost
- 42, 46, 49, 52, 55cm
- Black/Silver or Green



Fern Green



TRAIL BLAZER MB-5

The MB-5 has a full CrMo frame and fork, ROUND alloy chainrings, and the ride that made it a BRIDGESTONE. Anything you can do on a mountain bike, you can do on an MB-5.



Seminole Red



Enamel Blue/Oyster Gray

Technical Data

- TANGE butted CrMo throughout, CrMo 1-1/8" fork
- SHIMANO 500LX derailleur with 7-speed Hyperglide freehub
- SHIMANO 500LX crank, alloy round ring, DEORE-DX bolt type B.B.
- SHIMANO 500LX alloy cantilever brake
- RITCHEY FORCE handle bar, RITCHEY TRUE grip
- RITCHEY FORCE tire, presta valve
- SR Low-Fat pedal, FISHER MOUNTAIN clip, 450mm strap
- AVOCET TOURING saddle, 300mm alloy seatpost
- 46, 49, 52, 55, 58cm
- Blue/Gray or Red



TRAIL BLAZER

Seminole Red

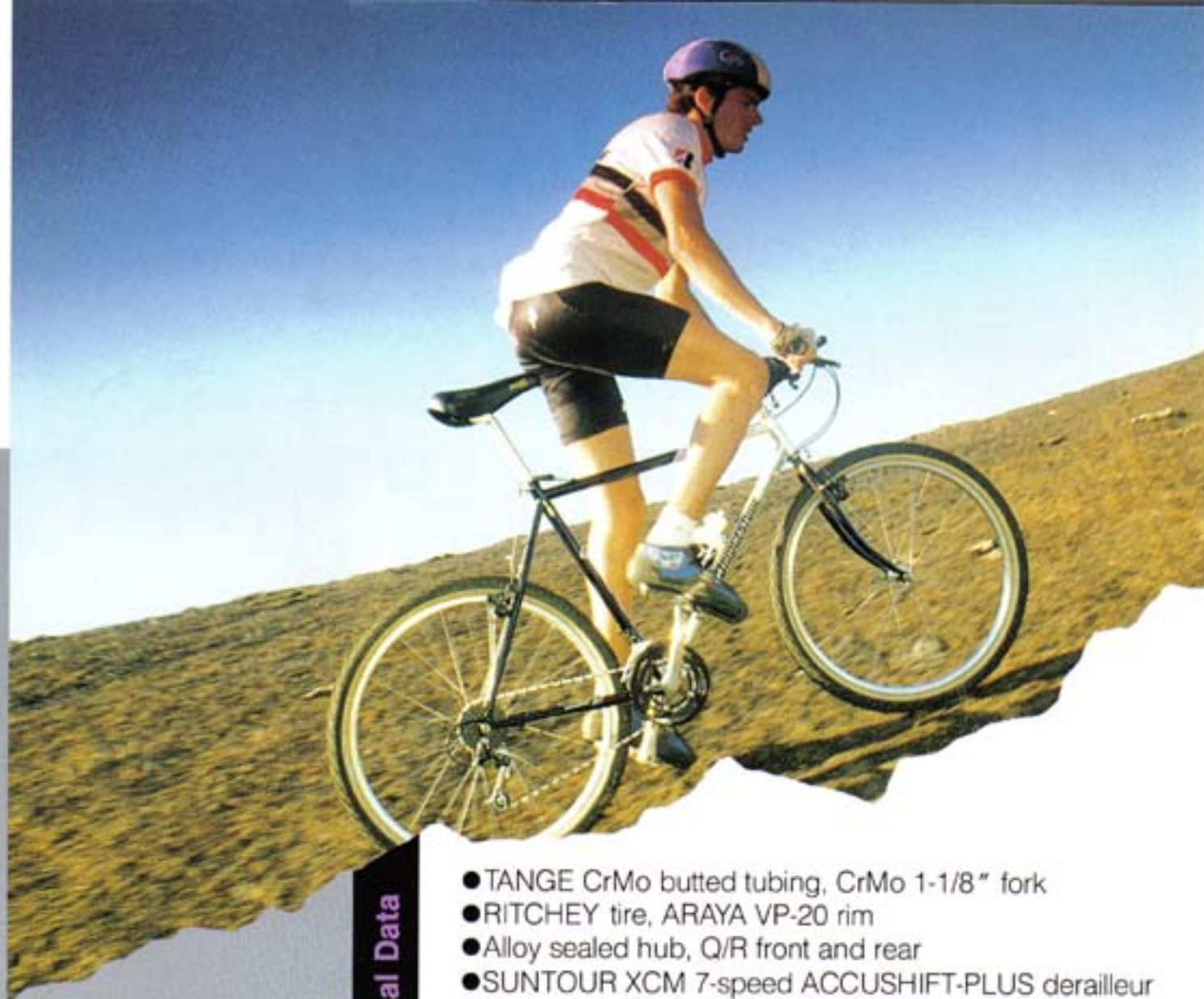
TRAIL BLAZER MB-6

If you're used to Pro bikes and you hop on an MB-6, you'll feel right at home. If you're used to a typical mid-priced bike and you ride it, you'll see what you've been missing. If you aren't used to any bike, and you ride an MB-6, you'll get used to good handling right from the start. And for less than \$400!





Dark Olive/Silver



Technical Data

- TANGE CrMo butted tubing, CrMo 1-1/8" fork
- RITCHEY tire, ARAYA VP-20 rim
- Alloy sealed hub, Q/R front and rear
- SUNTOUR XCM 7-speed ACCUSHIFT-PLUS derailleur
- SR GXC semi-forged crank, round ring, bolt type B.B.
- DIA-COMPE XC-MASTER alloy cantilever brake
- COMP style handle stem, 570mm-wide buldge bar, RITCHEY TRUE grip
- AVOCET TOURING saddle, 300mm seatpost
- 38, 42, 46, 49, 52, 55cm
- Olive/Silver, Black or Red



TRAILBLAZER
Wine Red

TRAILBLAZER
Solid Black



Wine Red



Solid Black

CITYLIMIT CB-Ø

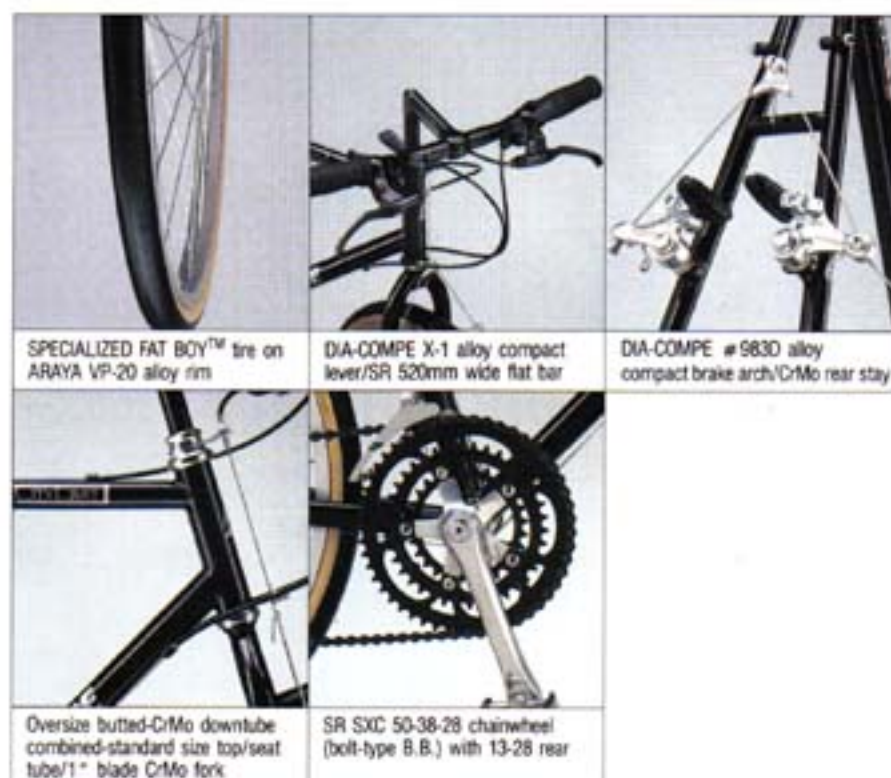
If you like sleeping late and eating cold pizza for breakfast, then blowing by slowpokes and still beating the clock, get a CB-Ø. This is as no-nonsense as it gets: Road bike handling, flat bars, road stem, CrMo frame and fork, and Fat Boy™ slicks.



Solid Black

Technical Data

- TANGE CrMo butted tubing, standard-size top/seat tube, oversize downtube
- CrMo 1" fork
- SPECIALIZED FAT BOY™ 26 x 1.25 tire, ARAYA VP-20 rim
- SR 520mm wide bar, road style stem
- DIA-COMPE 983 cantibrake, X-1 alloy 2-finger lever
- SR SXC forged crank, 50-38-28 round ring, bolt type B.B.
- SHIMANO L553 Light Action SIS derailleur, 13-26 freewheel, alloy hub front and rear
- AVOCET TOURING saddle, alloy seatpost, Q/R binder
- 50, 53, 56, 59cm
- Black



CITYLIMIT CB-1

This is an upgrade from the '89 CB-2, our biggest seller. Now it has smoother tires, for better traction, more speed, and less weight. If you ride in the city and don't NEED a CB-Ø, this is the bike for you.



Solid Black



Seminole Red

Technical Data

- TANGE CrMo oversize tubing, 1-1/8" fork, forged vertical dropout
- SHIMANO EXAGE 300LX group; SIS derailleur, SG-BIOPACE, SLR cantibrake
- Alloy front and rear hub, Hyperglide 7-speed cassette cog
- 26 x 1.5 skinwall slick tire, ARAYA alloy rim
- CrMo Q/R seatpost binder
- 16.5, 18, 20, 22" and Ladies' 17, 19"
- Red or Black



CITYLIMIT CB-2

Why spend \$175 on a Department Store Special, when, for just a little more you can get a real BRIDGESTONE? This simple, practical bike is a cinch to ride and shift, and it'll probably be around and running 13 years from now. Cost to operate over that period: about a nickel a day.



Enamel Blue



Charcoal Gray

Technical Data

- Oversize Hi-Tensile frame, 1-1/8" fork, forged vertical dropout
- SHIMANO SIS derailleur with Hyperglide
- SR alloy triple chainwheel
- DIA-COMPE alloy cantibrake
- ARAYA alloy rim, slick tire
- Q/R front hub
- Black Low-Rise handle bar, BRIDGESTONE Bi-Conical grip
- 16.5, 18, 20, 22" and 17" ladies'
- Blue or Gray



Enamel Blue

RADAC 2100

We think this is the finest aluminum frame you can ride.

If you're used Pro steel bikes, the only difference you'll notice is the weight: The RADAC is lighter, so it climbs and accelerates better. Notice the RITCHEY stem—a costly upgrade that saves weight and adds comfort. A BRIDGESTONE exclusive!



Silver Anodized

Technical Data

- Glued 5056 aluminum frame and fork
- CAMPAGNOLO OMEGA STRADA rim, WHEELSMITH spokes
- BRIDGESTONE 700 x 25C kevlar-bead tire
- RITCHEY FORCE-COMP road stem, NITTO #165 bar
- SHIMANO ULTEGRA road group; with round chainring, clipless pedal
- Leather AVOCET saddle
- 49, 51, 53, 55, 57, 59, 61cm
- Silver Anodized



SYNERGY RB-1

The RB-1 has the most thought-out frame geometry and components on any production bike made today. What we think a road bike should be, the RB-1 is.



Prism Blue/Lilac

Technical Data

- ISHIWATA 022E quad-buttet frame, 019E taper-gauge fork, alloy headset
- SUNTOUR GPX drivetrain; silver finish crank, round ring 53 x 40
- DIA-COMPE BRS (RGC)-400 sidepull, BRS-500 lever
- RITCHEY FORCE road stem NITTO European-size bar
- WOLBER GTX 32H rim, BRIDGESTONE 700 x 25C tire, WHEELSMITH spokes
- SANSIN Sealed-Cartridge hub
- SAMPSON/SR clipless pedal
- AVOCET racing saddle
- 47, 50, 53, 56, 59, 62cm
- Blue/Purple or Black



Synergy

Solid Black

SYNERGY RB-2

This is our most versatile bike. Except for slightly longer chainstays, the RB-2 has the same geometry as our RB-1. TIG-welded frame joints keep the weight low; an oversized downtube adds strength; low gears get you up any hills.



Solid Black/Silver

Technical Data

- ISHIWATA butted CrMo tubing throughout, oversize down tube, vertical dropout
- CrMo road uni-fork, forged end
- SUNTOUR SUPERBE-PRO Bar-Con, alloy cable holder on downtube
- SUNTOUR EDGE-4050 long cage derailleur, 7-speed ACCUSHIFT-PLUS freewheel
- DIA-COMPE BRS (ROII)-300 brake, standard size
- SR SXC triple crank; 50-40-28 alloy round ring
- WOLBER GTX rim, BRIDGESTONE 700 x 28C tire, WHEELSMITH spokes
- SR Low-Fat alloy racing pedal
- AVOCET racing saddle, alloy seatpost
- 47, 50, 53, 56, 59, 62cm
- Black/Silver or Red



SYNERGY RB-3

This inexpensive road bike has the road manners of bikes which cost 3 times as much. If you're looking for your first good, affordable road bike, this is our top recommendation.



Seminole Red/Chalk Pink

Technical Data

- ISHIWATA butted CrMo tubing, forged dropout
- SHIMANO SIS derailleur with Hyperglide
- SR GXC semi-forged crankset
- DIA-COMPE VX BRS brake and aero lever
- WEINMANN 700C alloy rim, skinwall tire
- Q/R front hub
- Alloy pedal, toeclip and strap
- AVOCET TOURING saddle, alloy seatpost
- SR anatomic handle bar and stem
- 49, 53, 56, 60cm
- Red/Purple or Blue



OPC-14B

This, the world's first belt-driven bicycle, can be collapsed and erected 12 times a minute by an average adult. It's driven by a Aramid reinforced belt which is silent, needs no lubrication, doesn't attract dirt and is as durable as a chain. A fun bike; easy to ride, easy to carry, easy to store.



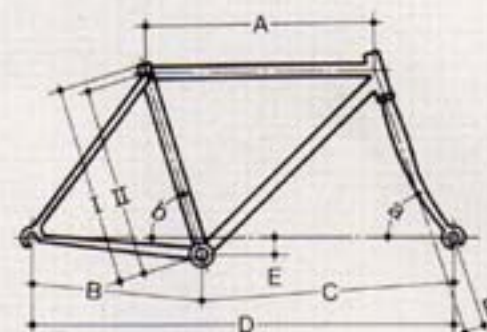
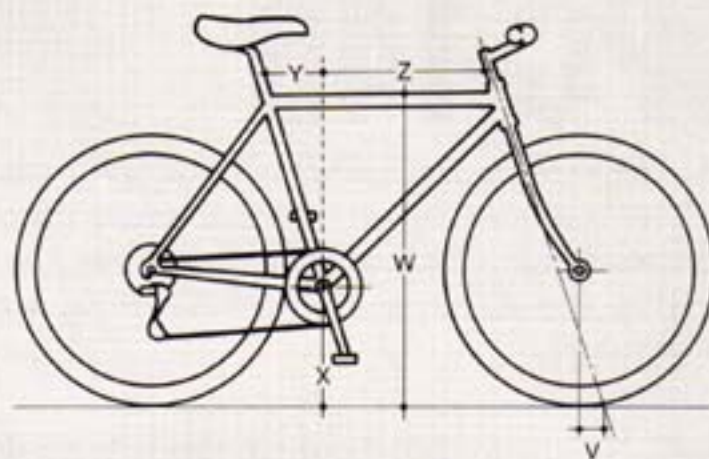
Carbon Black

Technical Data

- Original collapsing mechanism
- Alloy crank/65T for Belt-drive 85T (outer) x 71T (inner), Alloy pedal, 20T, Super torque type belt
- Wheel/14 x 1.75
- (F) sidepull, (R) wirepull band brake
- Anatomically-styled, High rise handle bar
- Basket (clip-on type), Side stand, Belt guard
- 17"
- Carbon Black
- 29 lbs



Frame Geometry/ Gear Table

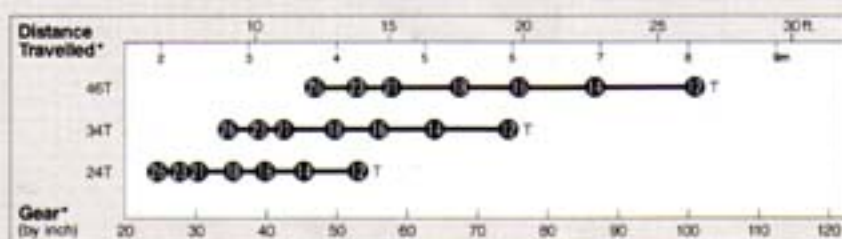


A: Top tube B: Rear center C: Wheel base D: B.B. drop E: Off set F: Head angle
G: Seat angle H: Trail I: Stand-over height (inch) J: B.B. height K: Setback L: Z

COMP MB-0

FRAME SIZE	Seat tube I Center-top	Seat tube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
26"	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
42cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
46cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
48cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
50cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441

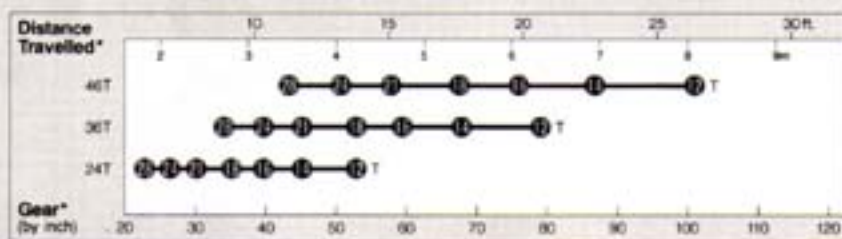
*Wheel diameter = 670mm *Tubing diameter = 28.6mm *Rear fork spacing (over lock nut) = 130mm *Crown race diameter = 27.0mm



COMP MB-1

FRAME SIZE	Seat tube I Center-top	Seat tube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
26"	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
42cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
46cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
48cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
50cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441

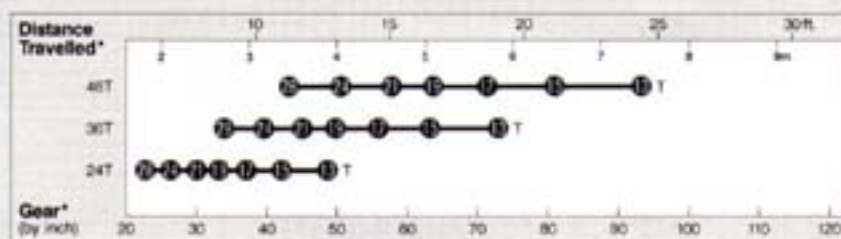
*Wheel diameter = 670mm *Tubing diameter = 28.6mm *Rear fork spacing (over lock nut) = 130mm *Crown race diameter = 27.0mm



TRAILBLAZER MB-4

FRAME SIZE	Seat tube I Center-top	Seat tube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
26"	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
42cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
46cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
48cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
50cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441

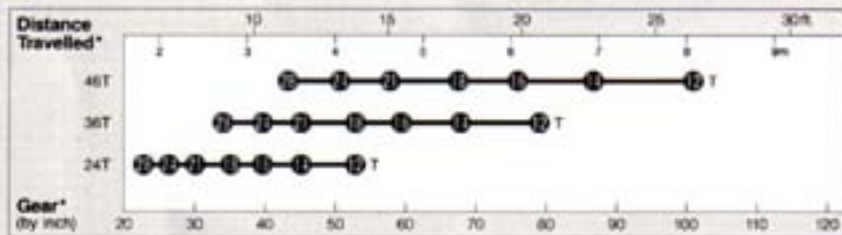
*Wheel diameter = 670mm *Tubing diameter = 28.6mm *Rear fork spacing (over lock nut) = 130mm *Crown race diameter = 27.0mm



COMP MB-2

FRAME SIZE	Seat tube I Center-top	Seat tube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
26"	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
42cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
46cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
48cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
50cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441

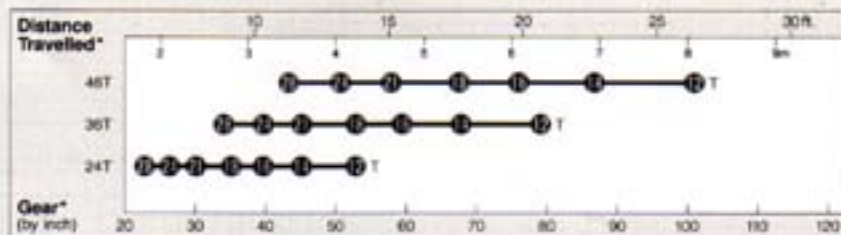
*Wheel diameter = 670mm *Tubing diameter = 28.6mm *Rear fork spacing (over lock nut) = 130mm *Crown race diameter = 27.0mm



TRAILBLAZER MB-5

FRAME SIZE	Seat tube I Center-top	Seat tube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
26"	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
42cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
46cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
48cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
50cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441

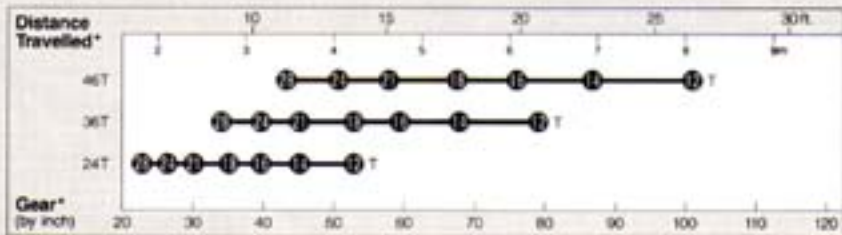
*Wheel diameter = 670mm *Tubing diameter = 28.6mm *Rear fork spacing (over lock nut) = 130mm *Crown race diameter = 27.0mm



COMP MB-3

FRAME SIZE	Seat tube I Center-top	Seat tube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
26"	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
42cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
46cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
48cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
50cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441

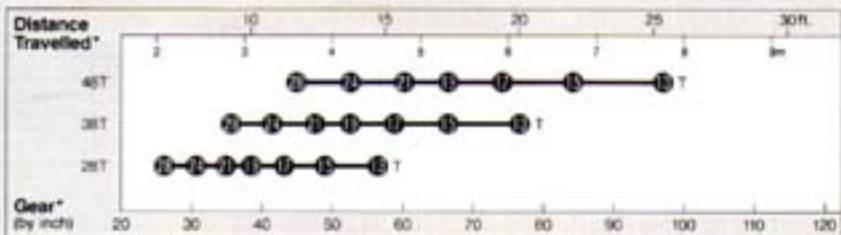
*Wheel diameter = 670mm *Tubing diameter = 28.6mm *Rear fork spacing (over lock nut) = 130mm *Crown race diameter = 27.0mm

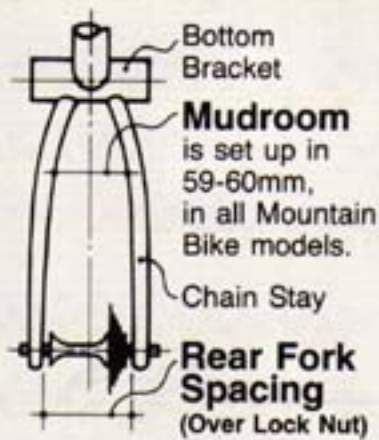


TRAILBLAZER MB-6

FRAME SIZE	Seat tube I Center-top	Seat tube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
26"	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
42cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
46cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
48cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441
50cm	420mm	390mm	550	425	625	1048	40	40	71°30'	73°30'	70	706	295	109	441

*Wheel diameter = 670mm *Tubing diameter = 28.6mm *Rear fork spacing (over lock nut) = 130mm *Crown race diameter = 27.0mm





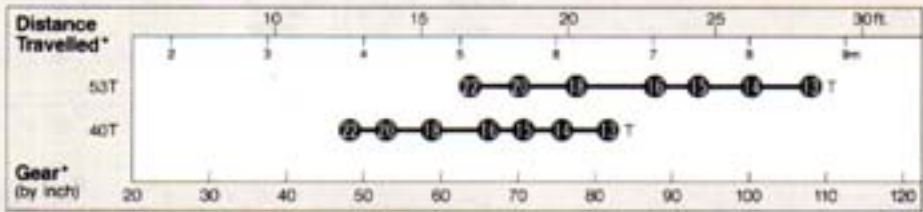
●CONVERSION TABLE (From MM to Inch)

mm	0	10	20	30	40	50	60	70	80	90
	inch									
0	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5
100	3.9	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5
200	7.9	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4
300	11.8	11.2	12.6	13.0	13.4	13.8	14.2	14.6	15.0	15.4
400	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
500	19.7	20.1	20.5	20.9	21.3	21.7	22.0	22.4	22.8	23.2
600	23.6	24.0	24.4	24.8	25.2	25.6	26.0	26.4	26.8	27.2
700	27.6	28.0	28.3	28.7	29.1	29.5	29.9	30.3	30.7	31.1
800	31.5	31.9	32.3	32.7	33.1	33.5	33.9	34.3	34.6	35.0
900	35.4	35.8	36.2	36.6	37.0	37.4	37.8	38.2	38.6	39.0

RADAC 2100

FRAME SIZE	Seatube I Center-top	Seatube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
700C	490mm	488mm	520	415	580	988	65	50	71°45'	74°15'	58	740	272	127	383
49cm	510mm	488mm	530	415	587	992	70	50	72°	74°30'	57	753	267	131	399
51cm	530mm	509mm	530	415	587	992	70	50	72°	74°30'	57	772	267	136	394
53cm	550mm	529mm	540	415	584	989	70	45	73°	74°30'	56	791	267	141	399
55cm	570mm	549mm	550	415	595	1000	70	45	73°	74°30'	56	810	267	147	403
57cm	590mm	569mm	555	415	595	1000	70	45	73°	74°	56	828	267	157	398
59cm	610mm	589mm	580	415	600	1005	70	45	74°	73°	50	847	267	172	408

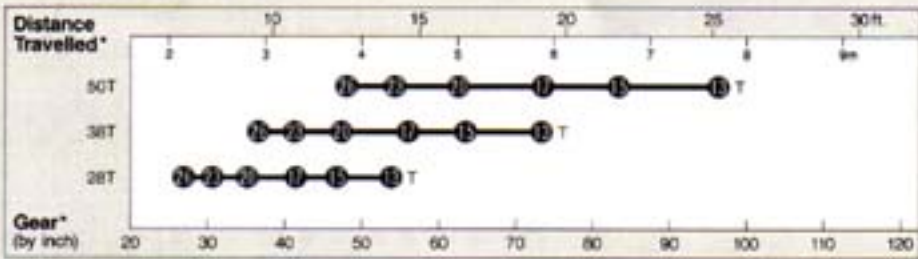
•Wheel diameter = 674mm •Top tube diameter = 28.6mm •Rear fork spacing (over lock nut) = 126mm •Crown race diameter = 25.4mm



CITYLIMIT CB-0

FRAME SIZE	Seatube I Center-top	Seatube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
26"	425mm	427mm	520	430	577	1004	40	50	72°	73°30'	51	746	278	134	386
50cm	500mm	502mm	545	430	585	1013	40	45	73°	73°30'	50	772	278	143	402
53cm	530mm	532mm	565	430	606	1033	40	45	73°	73°30'	50	801	278	151	414
56cm	560mm	562mm	595	430	611	1038	40	40	73°30'	72°	52	825	278	174	421

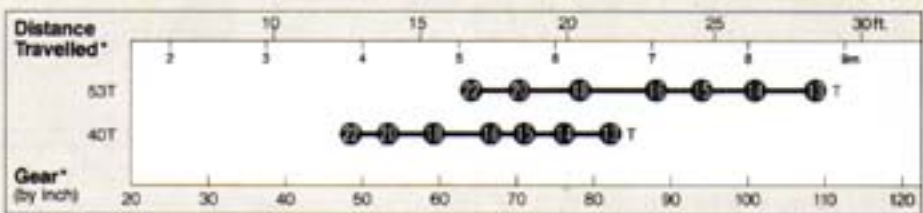
•Wheel diameter = 636mm •Top tube diameter = 25.4mm •Rear fork spacing (over lock nut) = 126mm •Crown race diameter = 27.0mm



SYNERGY RB-1

FRAME SIZE	Seatube I Center-top	Seatube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
47cm	470mm	452.5mm	510	410	564	962	75	50	72°30'	74°	54	720	264	124	386
50cm	500mm	482.5mm	525	410	574	973	75	50	72°30'	74°	54	743	264	133	392
53cm	530mm	512.5mm	545	410	580	979	70	45	73°	73°30'	57	773	269	148	399
56cm	560mm	542.5mm	565	410	590	990	70	45	73°30'	73°	53	800	269	158	406
59cm	590mm	572.5mm	585	410	595	995	70	40	74°	72°30'	56	828	269	172	413
62cm	620mm	602.5mm	600	410	604	1004	70	40	74°30'	72°30'	53	856	269	181	419

•Wheel diameter = 678mm •Top tube diameter = 25.4mm •Rear fork spacing (over lock nut) = 126mm •Crown race diameter = 25.4mm

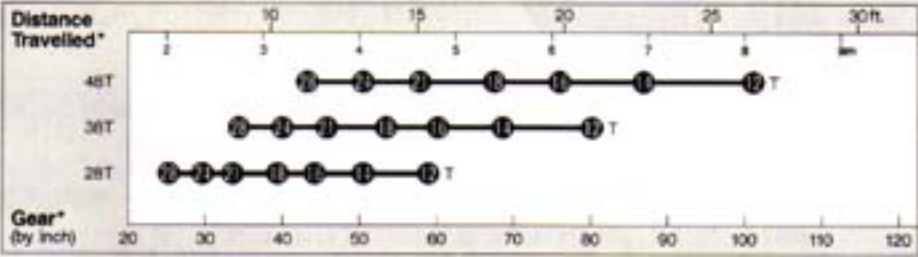


CITYLIMIT CB-1

FRAME SIZE			A	B	C	D	E	F	a	b	V	W	X	Y	Z
26"	Seatube I Center-top	Seatube II Center-center													
16.5"	435mm	407mm	520	445	601	1044	41	50	70°	73°	64	700	272	118	402
18"	471mm	443mm	534	445	607	1050	41	50	70°	73°	64	726	272	129	405
20"	522mm	494mm	560	445	608	1051	41	50	71°	72°	58	785	272	153	407
22"	570mm	542mm	570	445	619	1062	41	50	71°	72°	58	811	272	167	403
17" S	433mm	405mm	445	601	1044	41	50	70°	73°	64	—	272	(118)	(297)	
19" S	482mm	454mm	445	601	1044	41	50	70°	73°	64	—	272	(132)	(388)	

•Wheel diameter = 644mm •Tubetube diameter = 28.6mm •Rear fork spacing (lower fork cut) = 126mm •Crown race diameter = 27.0mm

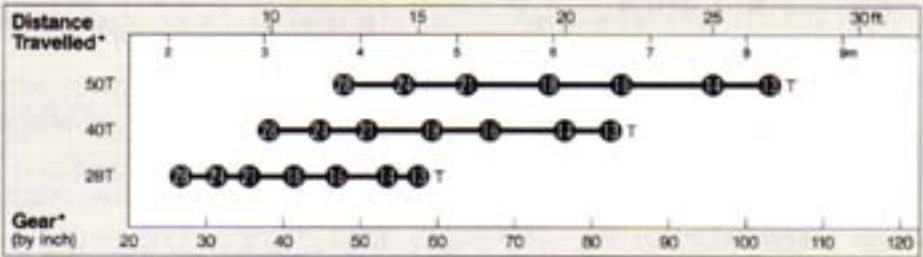
•Wheel diameter = 644mm •Top tube diameter = 28.6mm •Rear fork spacing (over lock nut) = 126mm •Crown race diameter = 27.0mm



SYNERGY RB-2

FRAME SIZE	Seatube I Center-top	Seatube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
47cm	470mm	442mm	525	425	585	1003	75	50	72°30'	74°	55	723	266	120	390
50cm	500mm	472mm	535	425	590	1009	75	50	72°30'	74°	55	745	266	130	395
53cm	530mm	502mm	560	425	596	1016	70	45	73°	73°30'	57	771	271	142	403
56cm	560mm	532mm	575	425	598	1016	70	45	73°30'	73°	54	792	271	156	409
59cm	590mm	562mm	585	425	601	1020	70	40	74°	72°30'	56	820	271	169	416
62cm	620mm	592mm	600	425	605	1020	70	40	74°30'	72°30'	53	848	271	178	422

•Wheel diameter = 682mm •Top tube diameter = 25.4mm •Rear fork spacing (over lock nut) = 126mm •Crown race diameter = 27.0mm

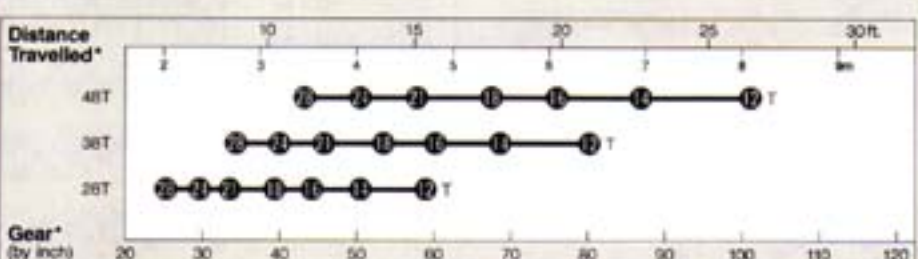


CITYLIMIT CB-2

FRAME SIZE			A	B	C	D	E	F	a	b	V	W	X	Y	Z
26"	Seatube I Center-top	Seatube II Center-center													
16.5"	435mm	407mm	520	445	601	1044	41	50	70°	73°	64	700	272	118	402
18"	471mm	443mm	534	445	607	1050	41	50	70°	73°	64	726	272	129	405
20"	522mm	494mm	560	445	608	1051	41	50	71°	72°	58	785	272	153	407
22"	570mm	542mm	570	445	619	1062	41	50	71°	72°	58	811	272	167	403
17"S	433mm	405mm	445	601	1044	41	50	70°	73°	64	—	272	(118)	(297)	

*Wheel diameter = 640mm *Rig tube diameter = 28.6mm *Rear fork spacing (over lock nut) = 126mm *Crown race diameter = 27.0mm

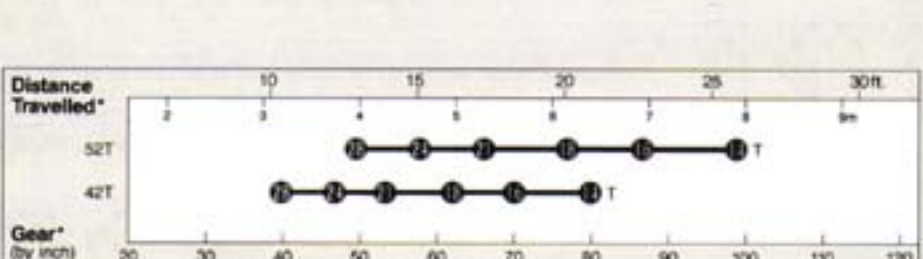
•Wheel diameter = 644mm •Top tube diameter = 28.6mm •Rear fork spacing (over lock nut) = 126mm •Crown race diameter = 27.0mm



SYNERGY RB-3

FRAME SIZE	Seatube I Center-top	Seatube II Center-center	A	B	C	D	E	F	a	b	V	W	X	Y	Z
49cm	490mm	473mm	520	425	578	993	70	50	72°	74°	58	736	269	130	390
53cm	530mm	513mm	545	425	589	1004	70	50	72°	73°	58	772	269	150	395
56cm	560mm	543mm	565	425	594	1010	70	45	73°	73°	57	801	269	159	406
60cm	600mm	583mm	595	425	615	1032	65	45	73°	72°	57	841	274	180	415

•Wheel diameter = 678mm •Top tube diameter = 25.4mm •Rear fork spacing (over lock nut) = 126mm •Crown race diameter = 27.0mm



Specifications

MODEL		COMP MB-0	COMP MB-1	COMP MB-2
FRAME	FRAME SIZE	42cm (16.5") 52cm (20.5") 46cm (18.1") 55cm (21.7") 49cm (19.3")	46cm (18.1") 52cm (20.5") 49cm (19.3") 55cm (21.7")	42cm (16.5") 52cm (20.5") 46cm (18.1") 55cm (21.7") 49cm (19.3")
	FRAME	RITCHEY LOGIC PRESTIGE tubing, Flared seat tube Bulge-buffed seat reinforcement Investment cast seat collar RITCHEY LOGIC PRESTIGE bi-conical seatstay RITCHEY LOGIC PRESTIGE butted chainstay Forged vertical dropout Frame weight: 4.3 lbs (49cm)	RITCHEY LOGIC PRESTIGE tubing RITCHEY LOGIC PRESTIGE bi-conical seatstay RITCHEY LOGIC PRESTIGE butted chainstay Forged vertical dropout Frame weight: 4.5 lbs (49cm)	RITCHEY LOGIC PRESTIGE tubing C/Mo bi-conical seatstay C/Mo chainstay Forged vertical dropout Frame weight: 4.6 lbs (49cm)
	FRONT FORK	RITCHEY LOGIC Triple tapered gauge 1-1/8" blade Investment cast end Fork weight: 1.6 lbs (49cm)	RITCHEY LOGIC Triple tapered gauge 1-1/8" blade Investment cast end Fork weight: 1.6 lbs (49cm)	RITCHEY LOGIC Triple tapered 1-1/8" blade Investment cast end Fork weight: 1.6 lbs (49cm)
	BRAZED-ON	Bottle mount (2), Cantilever boss, Chain hanger, Slotted cable stops	Bottle mount (2), Cantilever boss, Chain hanger, Slotted cable stops	Bottle mount (2), Cantilever boss, Chain hanger, Slotted cable stops, Rear rack mount
	HEADSET	RITCHEY LOGIC, DIA-COMPE, cable holder	TANGE FALCON, sealed, Italian size DIA-COMPE, cable holder	TANGE FALCON, sealed, DIA-COMPE cable holder
	SEATPIN	C/Mo (QR binder compatible boss)	SANSHIN, Quick-Lock, seatpost binder	SANSHIN, Quick-Lock, seatpost binder
DRIVETRAIN	DERAILLEUR	SUNTOUR XC-PRO	SHIMANO DEORE-XT	SUNTOUR XC-COMP
	CRANKSET	SPECIALIZED ST-1 46 x 34 x 24T, round ring	SHIMANO DEORE-XT 46 x 36 x 24T, round ring	SUNTOUR XC-COMP 46 x 36 x 24T, round ring, grease-injectable B.B.
	PEDAL	SUNTOUR XC-PRO, Sealed-bearing, w/SUPER-PRO track cage, TIOGA POWERCLIP & 450mm strap	SHIMANO DEORE-XT SPECIALIZED toe clip & 450mm strap	SR CTP-400, Low Fat, track cage, SPECIALIZED toe clip & 450mm strap
	FREEWHEEL	SUNTOUR XC-PRO 7-sp 12 x 14 x 16 x 18 x 20 x 23 x 28T	SHIMANO DEORE-XT 12 x 14 x 16 x 18 x 21 x 24 x 28T	SUNTOUR XC-PRO 12 x 14 x 16 x 18 x 21 x 24 x 28T
	CHAIN	SUNTOUR XC-PRO	SHIMANO DEORE-XT	SUNTOUR XC-PRO
WHEEL	HUB	MAVIC Mod. 550(F), 556(R), Sealed Cartridge w/ alloy QR 32H	SHIMANO DEORE-XT 32H	SANSHIN AE605, Sealed-Cartridge 32H
	RIM	RITCHEY VANTAGE COMP 32H	RITCHEY VANTAGE EXPERT 32H	RITCHEY VANTAGE EXPERT 32H
	TIRE/TUBE	RITCHEY MEGABITE OVERDRIVE 26 x 2.0" kevlar bead, super light inner tube presta valve	RITCHEY MEGABITE OVERDRIVE 26 x 2.0" presta valve	RITCHEY MEGABITE OVERDRIVE 26 x 2.0" presta valve
	SPOKE	WHEELSMITH #14-16 butted, stainless	WHEELSMITH #15 stainless	WHEELSMITH #14 stainless
BRAKE		DIA-COMPE #986, buffed and clear-anodized finish, ADVANTAGE S-SL (super light) lever, anodized finish	SHIMANO DEORE-XT 2-finger lever	DIA-COMPE #986 ADVANTAGE S lever
OTHERS	SADDLE	SELLE ITALIA TURBO, leather	AVOCET RACING 1, leather	AVOCET RACING
	PILLAR	RITCHEY FORCE, Heat-treated alloy, buffed, 300L	RITCHEY FORCE, Heat-treated alloy, buffed, 300L	SR MTE-300, 300L
	HANDLEBAR	RITCHEY FORCE, Heat-treated C/Mo, butted RITCHEY TRUE grip	RITCHEY FORCE, Heat-treated alloy, buffed RITCHEY TRUE grip	RITCHEY FORCE, Heat-treated alloy buffed RITCHEY TRUE grip
	STEM	RITCHEY FORCE COMP Heat-treated C/Mo, buffed	RITCHEY FORCE COMP, Heat-treated C/Mo, buffed	RITCHEY FORCE COMP, Heat-treated C/Mo, buffed
FRAME COLOR		Ivory	Blackish Gray/White	Emamel Blue
WEIGHT (Approx.)		24.3 lbs (46cm)	26.4 lbs (49cm)	26.6 lbs (49cm)

COMP MB-3	TRAILBLAZER MB-4	TRAILBLAZER MB-5	TRAILBLAZER MB-6
38cm (15.0") 49cm (19.3") 42cm (16.5") 52cm (20.5") 46cm (18.1") 55cm (21.7")	42cm (16.5") 52cm (20.5") 46cm (18.1") 55cm (21.7") 49cm (19.3")	46cm (18.1") 55cm (21.7") 49cm (19.3") 58cm (22.8") 52cm (20.5")	38cm (15.0") 49cm (19.3") 42cm (16.5") 52cm (20.5") 46cm (18.1") 55cm (21.7")
RITCHEY LOGIC CrMo butted tubing Bulge-buttet seat re-inforcement Investment cast seat collar CrMo bi-conical seatstay, CrMo chainstay Forged vertical dropout Frame weight: 5.4 lbs (49cm)	RITCHEY LOGIC CrMo butted tubing Bulge-buttet seat re-inforcement Investment cast seat collar CrMo bi-conical seatstay, CrMo chainstay Forged vertical dropout Frame weight: 5.4 lbs (49cm)	TANGE Oversize CrMo triple-buttet tubing Bulge-buttet seat re-inforcement Investment cast seat collar CrMo seatstay, CrMo chainstay Forged vertical dropout Frame weight: 5.8 lbs (49cm)	TANGE Oversize CrMo triple-buttet tubing CrMo seat collar Forged vertical dropout Frame weight: 5.8 lbs (49cm)
RITCHEY LOGIC Triple-tapered gauge 1-1/8" blade Fork weight: 1.6 lbs (49cm)	CrMo oversized blade Forged end Fork weight: 1.9 lbs (49cm)	CrMo oversized blade Forged end Fork weight: 1.9 lbs (49cm)	CrMo oversized blade Forged end Fork weight: 1.9 lbs (49cm)
Bottle mount (2), Cantilever boss Chain hanger, Slotted cable stops Rear rack mount	Bottle mount (2), Cantilever boss Chain hanger, Slotted cable stops Rear rack mount	Bottle mount (2), Cantilever boss Chain hanger, Slotted cable stops Rear rack mount	Bottle mount (2), Cantilever boss Chain hanger, Slotted cable stops Rear rack mount
TANGE FALCON, sealed, 41mm stack height	Steel, CP, 41mm stack height	Steel, CP, 41mm stack height	Steel, CP, 41mm stack height
SANSIN, Quick-Lock, seatpost binder	CrMo, QR, seatpost binder	CrMo, QR, seatpost binder	CrMo, QR, seatpost binder
SHIMANO DEORE-DX STI shifter	SHIMANO X-1 X-PRESS shifter	SHIMANO EXAGE 500LX STI shifter	SUNTOUR XCM X-PRESS shifter
SHIMANO DEORE-DX 46 x 36 x 24T, round ring	SR X-1, high finish 46 x 36 x 24T, round ring Bolt-type B.B.	SHIMANO EXAGE 500LX 46 x 36 x 24T, alloy round ring DEORE-DX, Bolt type B.B.	SR GXC-T304, high finish 48 x 38 x 28T, round ring Bolt-type B.B.
SR CTP-400, Low Fat, track cage TIOGA POWERCLIP & 450mm strap	SR MTP-170, Low Fat, CrMo axle FISHER Mtn. toe clip & 450mm strap	SR MTP-170, Low-Fat, CrMo axle FISHER Mtn. toe clip & 450mm strap	VICTOR VP-870, CrMo axle Toe clip attachable
SHIMANO DEORE-DX 12 x 14 x 16 x 18 x 21 x 24 x 28T	SUNTOUR ACCUSHIFT-PLUS 13 x 15 x 17 x 19 x 21 x 24 x 28T	SHIMANO, Hyperglide 7-sp 12 x 14 x 16 x 18 x 21 x 24 x 28T	SUNTOUR ACCUSHIFT-PLUS 7-sp 13 x 15 x 17 x 19 x 21 x 24 x 28T
SHIMANO DEORE-DX	SUNTOUR ACCUSHIFT-PLUS	SHIMANO Hyperglide	SUNTOUR ACCUSHIFT-PLUS
SHIMANO DEORE-DX 32H	SANSIN AE-60, sealed QR 32H	SHIMANO EXAGE QR front & rear 36H	JOY TECH alloy sealed QR front & rear 36H
RITCHEY VANTAGE EXPERT 32H	RITCHEY VANTAGE SPORT 32H	ARAYA VP-20 36H	ARAYA VP-20 36H
RITCHEY MEGABITE OVERDRIVE 26 x 2.0" presta valve	RITCHEY MEGABITE OVERDRIVE 26 x 2.0" presta valve	RITCHEY FORCE 26 x 2.0" tire	RITCHEY 26" presta valve
WHEELSMITH #14 stainless	WHEELSMITH #14 stainless	#14 UCP	#14 UCP
SHIMANO DEORE-DX 2-finger lever	DIA-COMPE X-1 cantilever X-1 short alloy lever	SHIMANO EXAGE 500LX alloy cantilever	DIA-COMPE XCM alloy cantilever
AVOCET RACING	AVOCET TOURING	AVOCET TOURING	AVOCET TOURING
SR MTE-300, 300L	KALLOY SP-243, alloy micro-adjust, 300L	KALLOY SP-242, alloy micro-adjust, 300L	Steel, satin finish, 300L
RITCHEY FORCE, alloy, 570W, black RITCHEY TRUE grip	RITCHEY FORCE, alloy, 570W, black RITCHEY TRUE grip	RITCHEY FORCE, alloy, 570W, black RITCHEY TRUE grip	HSIN LUNG MTB-110, 570W, black RITCHEY TRUE grip
RITCHEY FORCE 18° rise, black	RITCHEY FORCE 18° rise	HSIN LUNG MTS-128G-1, T-bone type	HSIN LUNG MTS-115G-1, T-bone type
Seminole Red/Pearl White, Solid Black	Solid Black/Silver, Fern Green	Enamel Blue/Oyster Gray, Seminole Red	Dark Olive/Silver, Solid Black, Wine Red
27.4 lbs (49cm)	27.8 lbs (49cm)	28.9 lbs (49cm)	29.5 lbs (49cm)

Specifications

MODEL		CITYLIMIT CB-0	CITYLIMIT CB-1	CITYLIMIT CB-2
FRAME	FRAME SIZE	50cm (19.7") 56cm (22.0") 53cm (20.9") 59cm (23.2")	16.5" (41.9cm) Ladies 18" (45.7cm) 17" (43.2cm) 20" (50.8cm) 19" (48.2cm) 22" (55.9cm)	16.5" (41.9cm) Ladies 18" (45.7cm) 17" (43.2cm) 20" (50.8cm) 22" (55.4cm)
	FRAME	CrMo triple butted tubing Standard size top/seat tube Oversize downtube, CrMo seat collar CrMo seatstay, CrMo chainstay Forged vertical dropout Frame weight: 4.7 lbs (49cm)	TANGE CrMo Oversize tubing CrMo seat collar Forged vertical dropout Frame weight: 5.8 lbs (49cm)	Hi-Tensile Oversize tubing CrMo seat collar Forged vertical dropout Frame weight: 6.9 lbs (49cm)
	FRONT FORK	CrMo 1" Forged end Fork weight: 1.7 lbs (49cm)	Hi-Tensile oversized blade Forged end Fork weight: 2.0 lbs (49cm)	Hi-Tensile oversized blade Forged end Fork weight: 2.0 lbs (49cm)
	BRAZED-ON	Bottle mount (2), Cantilever boss Chain hanger, Slotted cable stops Rear rack mount	Bottle mount (2), Cantilever boss Chain hanger, Slotted cable stops Rear rack mount	Bottle mount (2), Cantilever boss Chain hanger, Slotted cable stops Rear rack mount
	HEADSET	Steel, CP	Steel, CP	Steel, CP
	SEATPIN	CrMo, QR, seatpost binder	CrMo, QR seatpost binder	CrMo
DRIVETRAIN	DERAILLEUR	SHIMANO L553-GS, Light Action MS41 SIS lever	SHIMANO EXAGE 300LX	SHIMANO R552-GS MS52 SIS lever
	CRANKSET	SR SXC-T310 50×38×28T, round ring	SHIMANO EXAGE 300LX 48×38×28T	SR CTC-T626, alloy crank 48×38×28T
	PEDAL	SR CTP-400 Low Fat, track cage	VICTOR VP-870 CrMo axle toe clip attachable	VICTOR VP-768, CrMo axle
	FREEWHEEL	SHIMANO 2012 6-sp 13×15×17×20×23×26T	SHIMANO Hyperglide 7-sp 12×14×16×18×21×24×28T	SHIMANO Hyperglide 6-sp 14×16×18×21×24×28T
	CHAIN	SHIMANO Uniglide	SHIMANO Hyperglide	SHIMANO Hyperglide
WHEEL	HUB	JOY TECH alloy sealed QR front 36H	SHIMANO EXAGE, alloy QR front 36H	JOY TECH steel, black QR front 36H
	RIM	ARAYA VP-20, alloy 36H	ARAYA MP-22, alloy 36H	ARAYA MP-22, alloy 36H
	TIRE/TUBE	SPECIALIZED FAT BOY™, 26×1.25" schrader valve	CHENG SHIN, 26×1.50", slick skinside schrader valve	CHENG SHIN, 26×1.50", slick schrader valve
	SPOKE	#14 UCP	#14 UCP	#14 UCP
BRAKE		DIA-COMPE #983D alloy cantilever X-1 short type alloy lever	SHIMANO EXAGE 300LX cantilever	DIA-COMPE #981 alloy cantilever XCT lever
OTHERS	SADDLE	AVOCET TOURING	VISCOUNT #2216	VISCOUNT #2216
	PILLAR	KALLOY SP-251, alloy micro-adjust, 220L	Steel, 230L, satin finish	Steel, 230L CP
	HANDLEBAR	SR MTB-320, black BRIDGESTONE bi-conical grip	HSIN LUNG B-802, low rise, black BRIDGESTONE bi-conical grip	HSIN LUNG B-802, low rise, black BRIDGESTONE bi-conical grip
	STEM	SR CTS, black	HSIN LUNG MTS-120-1-1, black	HSIN LUNG MTS-120-1, black
FRAME COLOR		Solid Black	Seminole Red, Solid Black	Enamel Blue, Charcoal Gray
WEIGHT (Approx.)		27.9 lbs (49cm)	29.9 lbs (49cm)	31.5 lbs (49cm)

RADAC 2100	SYNERGY RB-1	SYNERGY RB-2	SYNERGY RB-3
49cm (19.3") 57cm (22.4") 51cm (20.1") 59cm (23.2") 53cm (20.9") 61cm (24.0") 55cm (21.7")	47cm (18.5") 56cm (22.0") 50cm (19.7") 59cm (23.2") 53cm (20.9") 62cm (24.4")	47cm (18.5") 56cm (22.0") 50cm (19.7") 59cm (23.2") 53cm (20.9") 62cm (24.4")	49cm (19.3") 56cm (22.0") 53cm (20.9") 60cm (23.6")
BRIDGESTONE Aluminum tubing Aluminum seat & chainstay Aluminum cast lugs Aluminum forged micro-adjust dropout Internal top tube cable guides Frame weight: 3.2 lbs (57cm)	ISHIWATA #022E quattro-buttet tubing CrMo ϕ 14.5 tapered seatstay CrMo oval chainstay Forged vertical dropout Frame weight: 4.3 lbs (56cm)	ISHIWATA CrMo triple butted tubing, Oversize downtube, CrMo seat collar CrMo 16 ϕ tapered seatstay CrMo oval chainstay Forged vertical dropout Frame weight: 4.7 lbs (56cm)	ISHIWATA CrMo triple butted tubing 16 ϕ tapered seatstay Forged micro-adjust dropout Frame weight: 4.9 lbs (56cm)
BRIDGESTONE Aluminum blade Aluminum cast crown Aluminum end Fork weight: 1.2 lbs (57cm)	ISHIWATA #019E tapered blade Aero investment cast crown Forged end Fork weight: 1.3 lbs (56cm)	CrMo oval blade Unicrown Forged end Fork weight: 1.5 lbs (56cm)	Hi-tensile blade Forged end, semi slope crown Fork weight: 1.7 lbs (56cm)
Shifter lever boss, Bottle mount (2) Cable guides & stops	Shifter lever boss, Bottle mount (2) Pump peg, Chain hanger Cable guides & stops	Shifter lever boss, Bottle mount (2) Pump peg, Chain hanger Cable guides & stops	Shifter lever boss, Bottle mount (2) Cable guides & stops, Chain hanger
SHIMANO 600 ULTEGRA, Italian size 41mm stack height	HATTA VESTA alloy, sealed, Italian size 41mm stack height	HATTA VESTA, sealed with high column spacer	Steel, CP with high column spacer
CrMo, recessed	CrMo, recessed	CrMo, recessed	CrMo, recessed
SHIMANO 600 ULTEGRA	SUNTOUR GPX derailleur and ACCU shift— Plus freewheel	SUNTOUR EDGE long cage SUPERBE-PRO Bar-Con SUNTOUR alloy cable holder mounted on downtube shifter lever boss	SHIMANO R552-SS S434 SIS lever
SHIMANO 600 ULTEGRA 53 $\times$ 40T, round ring	SUNTOUR GPX 53 $\times$ 40T, round ring	SR SXC-T310 50 $\times$ 40 $\times$ 28T, alloy round ring Bolt-type B.B.	SR GXC-204 high finish 52 $\times$ 42T, round ring
SHIMANO 600 ULTEGRA clipless	SR/SAMPSON clipless	SR CTP-171 Low Fat, alloy cage CrMo axle, Toe clip & strap	VICTOR VP-389, alloy, CrMo axle Toe clip & strap
SHIMANO 600 ULTEGRA 13 $\times$ 14 $\times$ 15 $\times$ 16 $\times$ 18 $\times$ 20 $\times$ 22T	SUNTOUR ACCUSHIFT-PLUS 13 $\times$ 14 $\times$ 15 $\times$ 16 $\times$ 18 $\times$ 20 $\times$ 22T	SUNTOUR ACCUSHIFT-PLUS 7-sp 13 $\times$ 14 $\times$ 16 $\times$ 18 $\times$ 21 $\times$ 24 $\times$ 28T	SHIMANO Hyperglide 6-sp 14 $\times$ 16 $\times$ 18 $\times$ 21 $\times$ 24 $\times$ 28T
SHIMANO 600 Uniglide, narrow	SUNTOUR ACCUSHIFT-PLUS	SUNTOUR ACCUSHIFT-PLUS	SHIMANO Hyperglide
SHIMANO 600 ULTEGRA 32H	SANSIN CE-60S, Sealed-Cartridge 32H	SANSIN AE60, sealed QR 36H	JOY TECH steel, black QR front 36H
CAMPAGNOLO OMEGA STRADA hardox 700C 32H	WOLBER GTX, hard anodized 700C 32H	WOLBER GTX, hard anodized 700C 36H	WEINMANN #116, alloy 700C 36H
BRIDGESTONE 700 $\times$ 25C, kevlar bead holding type presta valve	BRIDGESTONE 700 $\times$ 25C skinside presta valve	BRIDGESTONE 700 $\times$ 28C skinside presta valve	CHENG SHIN 700 $\times$ 25C skinside schrader valve
WHEELSMITH #15 stainless	WHEELSMITH #14 stainless	WHEELSMITH #14 stainless	#14 UCP
SHIMANO 600 ULTEGRA	DIA-COMPE, BRS 400 BRS 500 lever	DIA-COMPE BRS 300, standard size BRS aero lever	DIA-COMPE VX with EDGE type shaft BRS aero lever
AVOCET RACING 1, leather	AVOCET RACING	AVOCET RACING	AVOCET TOURING
SR CRE-100, 230L	SR CRE-100, 230L	DELTA DP-SS, alloy micro-adjust, 220L	DELTA DP-SS, alloy micro-adjust, 220L
NITTO #165, European size Cushion tape	NITTO #55, European size Cushion tape	SR CMB, anatomic Cushion tape	SR CMB, anatomic Cushion tape
RITCHEY FORCE COMP, road stem Heat-treated CrMo, butted	RITCHEY FORCE, road stem, CrMo	SR CTS	SR CTS
Silver Anodized	Prism Blue/Lilac, Solid Black	Solid Black/Silver, Wine Red	Seminole Red/Chalk Pink, Enamel Blue
20.7 lbs (57cm)	22.5 lbs (56cm)	24.3 lbs (56cm)	26.0 lbs (56cm)

BRIDGESTONE

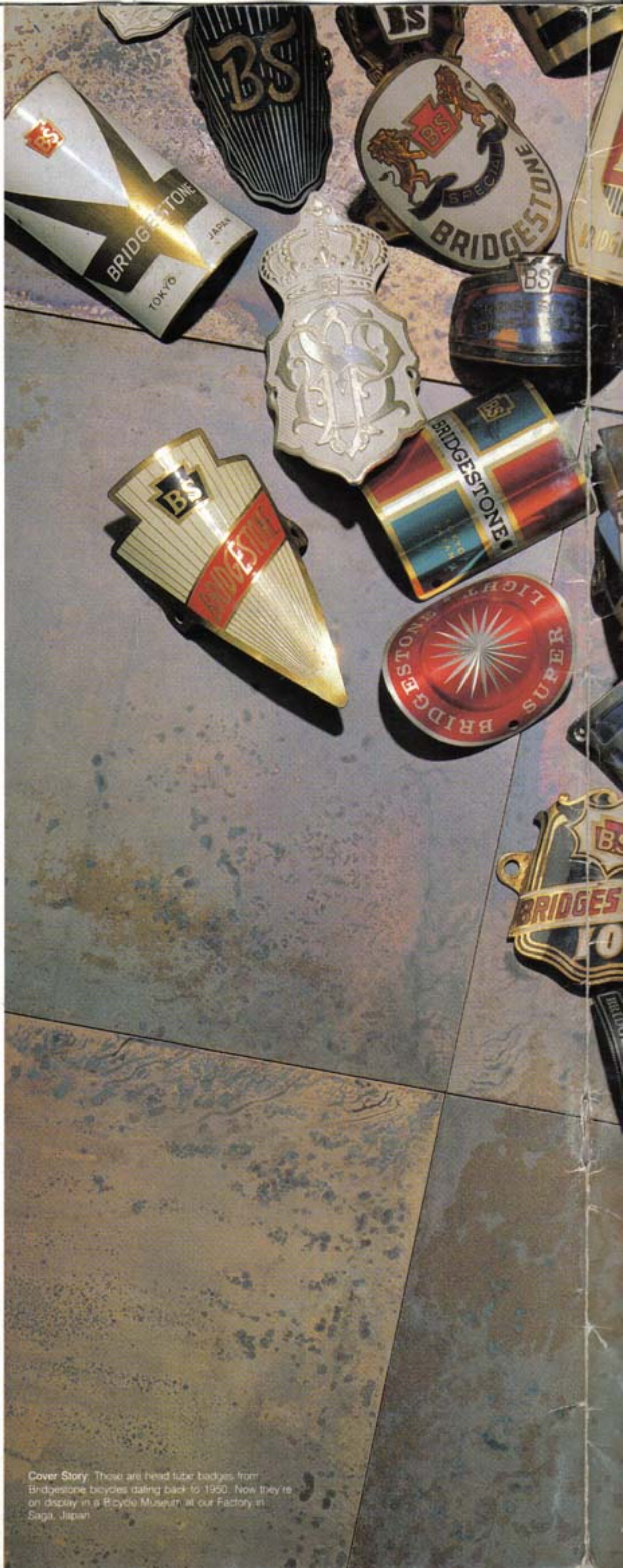
BRIDGESTONE CYCLE(U.S.A.), INC.

West: 15003 Wicks Blvd., San Leandro, California 94577

Call Toll Free: 800-366-2453 (FON BIKE)

East: Newark, N.J. 07104

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Cover Story: These are head tube badges from Bridgestone bicycles dating back to 1950. Now they're on display in a Bicycle Museum at our Factory in Saga, Japan.