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Welcome to

KONA



WORLD

Kona World is growing. Each year there are new ideas, new designs, new components, new models – and more people that bring their vision and dedication to Kona Mountain Bikes.

Bicycle riders and magazines – sometimes even our competitors say encouraging things about Kona and we take a moment to enjoy our wonderful place in the world.

At the same time it is easy to have troubling thoughts. Although there are nearly one billion bicycles on the planet and millions made and sold every year, we wonder – what happens to them? Are they just dust collectors in a storage shed or ornaments on the roof rack of a 4-wheel drive automobile?

Just like Kona which has grown slowly and carefully over the years, we realize that acceptance and use of bicycles as a vehicle that can really make life better is not going to happen overnight. When Kona was started, a commitment was made to focus on those bicycle riders and racers who rely on their bicycles every day, and to avoid following the latest marketing trends, price points and commodity-based thinking so eagerly embraced by the clone bike companies.

There is of course, more to the mission we are discovering as ours. There is an urgent need to support groups that protect, encourage, enhance and advocate cycling as a way of life. Early in 1994, we began our Buck A Bike program which will contribute significant funds to organizations like Rails to Trails, IMBA (International Mountain Biking Association), and LAB (League of American Bicyclists). Kona USA contributes \$1 for every bicycle sold in the United States to these and other groups. When you buy one of our bicycles, you will also have the opportunity to take part in this program, and perhaps the success of the Kona Buck A Bike project will encourage everyone else in this sport and business to think more seriously about putting their money where their mouth is.

As dedicated cyclists ourselves, we believe in making this a Bicycle World. That commitment comes to you from our world – Kona World. **Welcome!**

What's NEW for 1995?

FULL SUSPENSION

Kona's Suspension Experience (SEX) - a link-style active suspension system designed for cross-country riding and racing. Not just for downhill, Sex One and Sex Too feature Easton and Alcoa heat-treated, double-buttressed aluminum tubing and Marzocchi rear shocks.



SEX TOO

CRUISERS

The origins of Mountain Bikes are recalled in Kona Cruisers. Lightweight frames combined with simple and reliable componentry make for perfectly functional town bikes.



HUMUHUMU

ROAD BIKES

The Italian influence is strong in the first pair of fully Kona-designed road bikes. Roadies will appreciate the positive influence of our sloping top tube design on rear triangle rigidity and overall balance.



KAPU



Hey you top mount hold-outs - it's not dead yet! Suntour XC Pro top mount is still an option for 1995.

HEI HEI

A Kona Classic.

Our Number One Mountain Bike remains the benchmark for everything else. Highlighted by the best in American componentry.



- Sandvik US made titanium alloy frame and tubing
- Cook Bros. E crank made in USA
- Control Tech stem made in USA
- Machine Tech brakes made in USA
- XTR derailleurs with Grip Shift X-Ray

FRAME WEIGHT
3.3 lbs.

FORK WEIGHT
2.9 lbs.

BIKE WEIGHT
22.8 lbs.



Kona started by making the best bikes - hand crafted, made one at a time, each one a custom order. When you know yourself and your riding ability inside out, you'll be ready for our favorite Kona category. NEW for 1995 is the KU, made in the USA with Easton Elite Aluminum tubing. The HOT is our classic steel mount, made by Tom Teesdale - he's been building mountain bike frames since 1984. Tom also builds the Kona HAOLE road bike with Columbus MiniMax cromoly tubing. Then there's the King Kahuna of the Kona line - the titanium HEI HEI, built by Sandvik Special Metals in Washington state, the world's leading maker of Titanium Alloy tubing. We can build custom sizes, add special braze-ons and paint them (except for the Hei Hei) in any Sikkens polyurethane color or color combination.



Titanium 3-2.5 tubing

There are less expensive replicas made. This is the real thing. The most thoroughly tested and perfect bicycle tubing in the world. Kona 3-2.5 titanium alloy tubing, made by Sandvik Special Metals of Kennewick, Washington. There are 25 steps in producing Sandvik titanium tubing for aerospace use, with 6 quality control stations. It might sound like overkill, but when your goal is to make a bicycle frame with uncompromising quality, this is pretty much the best place in the world to do it.



Sloping Top Tube Design.

Every single Kona mountain bike, cruiser and road bike utilizes a sloping top tube design. There are some excellent reasons: Top tube clearance and stand over height is maximized. The frame is smaller and lighter. A short seat tube means less bottom bracket flex, the rear triangle is lighter and smaller and acceleration is significantly improved.

While others have merely imitated, we have continued to refine our sloping top tube designs, enabling us to fit men, women and children. Our new KEIKI model will fit children from 6-9 years of age, and there is even a 7 year old riding a Fire Mountain! Most important to determining size on a Kona is the length of the top tube. Frames are produced with 1/2" top tube length increments. Additionally our Velocity stem is produced in 6 sizes from 80mm to 150mm to help further fine tune the correct rider/bike position. As a result, our bikes can fit most people from around 4' 8" up to 6' 5".



HOTA

American Craftsmanship.

We make the HOTA one at a time. Carefully. Perfectly.



- Made in the USA by TET Cycles
- Custom mix of Tange Ultimate, Concept & Prestige tubing
- Custom sizing, colors & braze-ons available
- 600 gram Sugino Mighty 900 crankset
- Handbuilt wheels, Wheelsmith spokes

FRAME WEIGHT
3.8 lbs.

FORK WEIGHT
2.7 lbs.

BIKE WEIGHT
24.5 lbs.

Design Group rules.

Buzz, Dewey, Fly and Lew are the 4 mainstays of the Kona Design Group. With the help of the Kona professional MTB team, Kona pro development riders and Kona staffers, they get to test ride and destroy every frame and component that could possibly qualify to be used on one of our bicycles. Here are their 10 rules for designing Kona bicycles:

- 10. Be wary of the latest trend.** Most of the bandwagons rushing by are headed for the nearest cliff.
- 9. Keep the roots of mountain biking in mind.** A bike has to work every day and far away from home for the real people that ride them.
- 8. You can't exist in a vacuum.** Keep in close touch with the bicycle world. Test everything you can get your hands on, including the competitor's stuff.
- 7. The bottom line.** Anybody who puts their money down expects that their bike is going to last for a reasonable amount of time. Build it light *and* strong.

6. Consistency is key. Maintain the design philosophy throughout the line. Every bike in every price range deserves equal attention.

5. Shop around. Select frame tubing and component makers as carefully as our customers do when they choose a bike. Give full value for the money.

4. Don't get cloned. Beware of the cookie cutter syndrome by avoiding standard component groups, frame tube sets. The best is never the easiest.

3. Do it yourself. If you have a better idea for any part of the bike, design and make it yourself.

2. Take care of the basics. Frames, forks, wheels and cranks are the most important considerations for excellent performance. Put as much into those elements as you can and your customers will have a bike they can live with for a long time.

1. Don't neglect the details. Every single part, from dropouts to rim tape deserves minute attention. Anything that can be improved, in even the smallest way, must be improved. Those little details can add up to noticeable improvements.





KU

Kula's American cousin.

Our tradition of American hand-built quality continues with a new Easton tubed Kona Custom.



- Handcrafted in USA
- Easton Elite Aluminum tubing
- Custom sizing, colors & braze-ons available
- Shimano Deore LX clipless pedals
- Grip Shift X-Ray with Deore XT/LX derailleurs

FRAME WEIGHT
3.4 lbs.

FORK WEIGHT
2.7 lbs.

BIKE WEIGHT
23.8 lbs.



Sugino Mighty 900 crank.

Sugino Mighty 900 crankset. Beautiful cold-forged 600 gram crank. The jewel of this under-rated Japanese specialist in crank manufacturing. Sugino cranks are used extensively throughout our line-up.



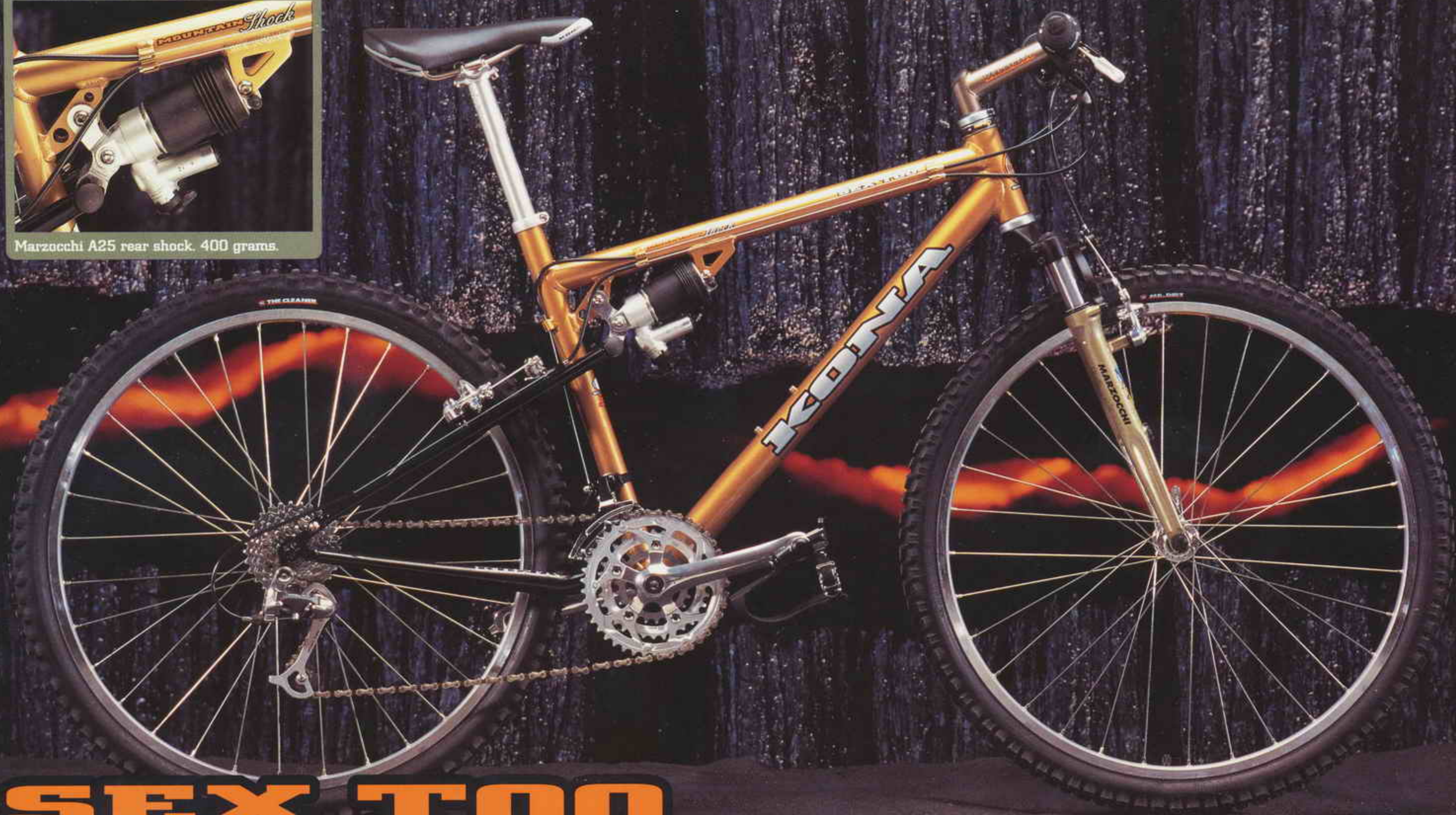
Mavic 217 rim.

Mavic is the most respected name in bicycle rims today. How can we say that?

- 1) Double-wall section. Much stronger than single-wall "box section" rims. Mavic 236 is used on even our least expensive mountain bike.
- 2) UB Control. Mavic 237 and 217 rims are first anodized and then machined down using a diamond cutting tool. These rims have the most precise and parallel braking surfaces on the market today with increased braking power due to the elimination of the slippery anodized finish.
- 3) SUP. Mavic 217 is featured on our top-of-the-line models. Instead of using a pin-style joint, the rim is welded, then given a UB Control finish. This eyeletted rim allows greater spoke tension, resulting in extremely strong and reliable wheels.



Marzocchi A25 rear shock. 400 grams.



SEX TOO

The best of Suspension.

The best tubing for suspension. The best rear shock. An awesome front shock. And the best full suspension design for all-round cross-country performance.



- Easton Elan Aluminum frame tubing
- Marzocchi A25 air/oil rear shock with lock-out
- Marzocchi XCR air/oil front suspension
- Bontrager Titanium Alloy handlebar
- 8-speed Grip Shift 600 with Shimano Deore XT derailleurs

FRAME WEIGHT
5.9 lbs.
(with Marzocchi A25 rear shock)

FORK WEIGHT
2.7 lbs.

BIKE WEIGHT
26.9 lbs.



Hard-core performance.

Many mountain bikers now consider suspension to be an integral part of a serious off-road machine. It's hard to believe that it's only been 5 years since the first crude suspension forks were put into service. The Marzocchi forks used on our bikes today provide sophisticated, reliable high performance for most mountain bike applications. Mountain Shock begins with a variety of frame materials – Easton and Alcoa heat-treated aluminum, Tange and Columbus heat-treated cromoly, providing a rigid and efficient frame for quick acceleration. Front (and sometimes rear) suspension softens what would otherwise be a harsh ride, creating an overall feeling of balanced precision.



Velocity stem.

Velocity stem. 255 grams of heat-treated, double-buttet cromoly. Two fixing bolts instead of one to provide the most secure stem/bar connection in the business.



Grip Shift.

Compared to it's rival "Rapidfire" –NO CONTEST. 5 times fewer working parts. You can work on it and repair it without replacing the entire "integrated system". Takes up considerably less real estate on your handlebar. Can be used with any brake lever, allowing you to fine-tune the controls they way you want. And for you die-hards, YES, there still is a Suntour XC Pro top mount option (see page 4)



KULA

Hawaiian "Gold".

The choice of the 1994
Kona Professional Team.



- Easton Elan frame – #1 in Aluminum tubing
- Plush Marzocchi XC 600 air/oil fork
- NEW 415 gram Mavic 217 rim with UB finish
- Shimano Deore LX clipless pedals
- Grip Shift X-Ray shifters with Shimano Deore XT derailleurs

FRAME WEIGHT
3.5 lbs.

FORK WEIGHT
2.9 lbs.

BIKE WEIGHT
23.8 lbs.

How to make great suspension forks.

By Bryson Martin, head of the Marzocchi Suspension Center in Valencia, California.

The basic design parameters in making great suspension forks are simple: make the fork lightweight, durable and torsionally rigid. For 1995, dust and oil seals were re-designed, the stanchion tubes were increased from 24mm to 26mm and we made larger and stiffer brake bridges. As a result, the new forks are better balanced and run cleaner.

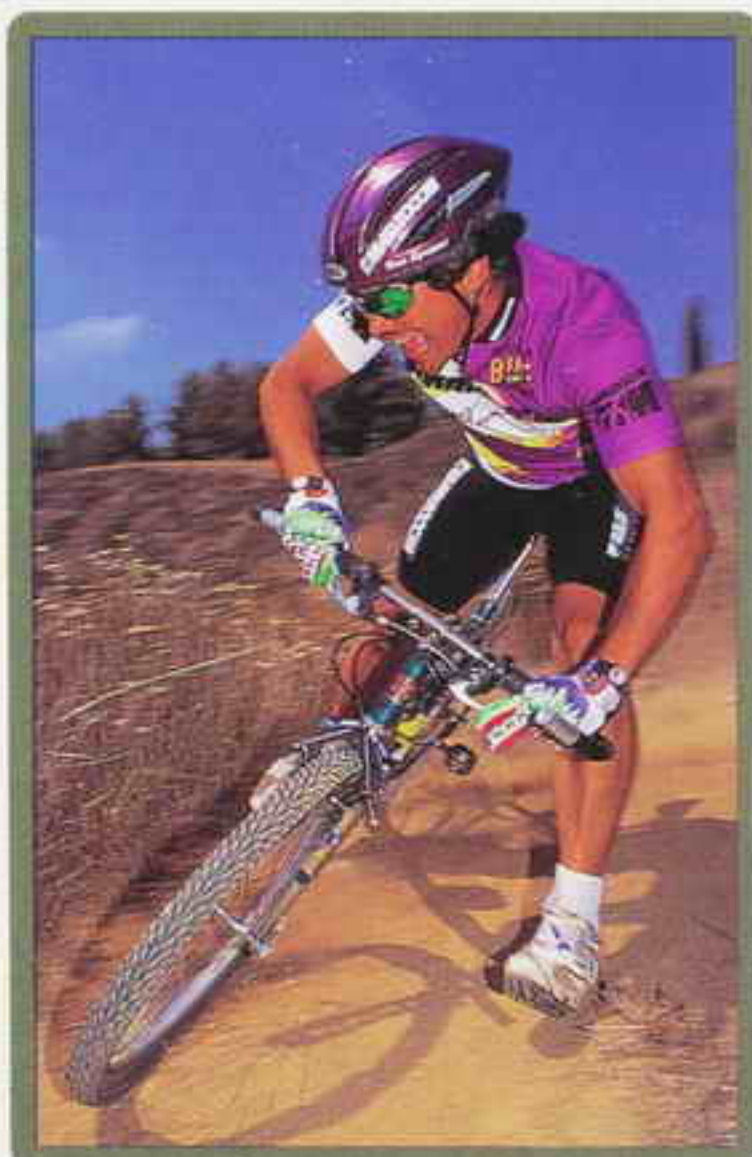
After that was accomplished, the most important issue remained: there is only 2" of travel to work with in a cross-country fork. To be great, it must be responsive on big and small bumps, sideways and dead on. It must work equally well at high and slow speeds, and on all types of terrain. The problem with a single valve air/oil fork is that there is not much you can do to control dampening. Marzocchi's advantage is the use of multiple valving – it allows us to design our fork to have a wide range of sensitivity.

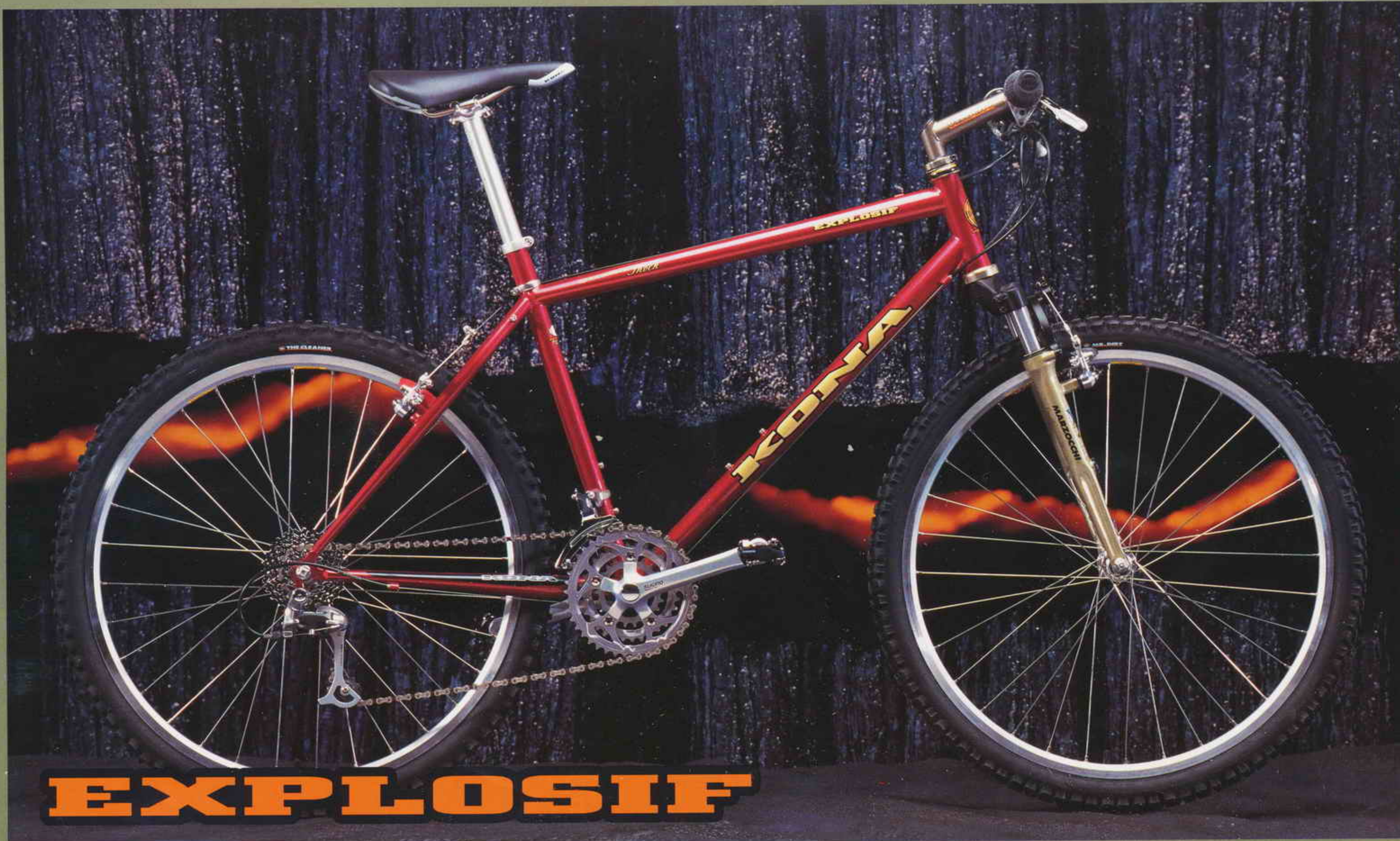
During my many intensive sessions at the Marzocchi Works in Italy this year I worked with our engineers to build almost one hundred prototypes. I was able to draw on the company's 50 years of motorcycle suspension manufacturing experience as we

experimented with valve dimension, shape and oil port shape. This helped me determine the various dynamics of oil flowing under pressure. Then we tested the prototypes on an incredible million dollar "shock dyno" machine that gave me a graphic view of how various levels of force affected the design in progress. While in Italy I was able to give the forks daily riding tests on a tortuous run just outside the factory, and upon returning home to the "Viper" downhill I was able to definitely evaluate the work in progress.

The final results are very clear. I like to say that both the XCR and XC 600 are about 100 times better than last years XC 500. That might be stretching things a little bit, but anyone who rides a 1995 Marzocchi fork is going to be extremely happy.

When you set up the XC 600, I recommend that you set the air pressure so that there is no pre-compression. That way you can take full advantage of the 4-valve shock absorption system. On fast fire roads and smooth, hard conditions, use Position 1 to Position 3. On gnarly and bumpy and slower single track it works better on Position 3 or 4. Position 5 is great for hill climbs or zipping home on pavement. Position 6 is lock-out. Set-up on the XCR is pretty much the same as the 600, but since it has 2 valves instead of 4, the range of sensitivity is not quite as broad, and Position 6 is not lock-out.





EXPLOSIIF

Maximum Steel.

The 1995 Explosif has discovered Columbus MAX - the ultimate in rigid and responsive steel tubing.



- Lightweight multi-shape Columbus MAX tubing
- 130 gram Control Center headset
- Cold forged Sugino Mighty crankset
- Shimano Deore LX clipless pedals
- Grip Shift X-Ray shifters with Shimano Deore XT derailleurs

FRAME WEIGHT
4.2 lbs.

FORK WEIGHT
2.7 lbs.

BIKE WEIGHT
24.4 lbs.
(23.1 lbs. with P2)



Marzocchi XC 600
Air/Oil Suspension
Weight: 2.9 lbs.
Travel: 2 inches



Marzocchi XCR
Air/Oil Suspension
Weight: 2.7 lbs.
Travel: 2 inches



Marzocchi Zokes
Elastomer Suspension
Weight: 3.0 lbs.
Travel: 2 inches

Marzocchi Zokes fork. Category Winner.

Without it, we wouldn't have been able to make the Kona a genuine Mountain Shock machine. It has a 5-stage elastomer stack, separated by individual spacers to reduce deforming, along with a mechanical spring for top out and rebound dampening. It's incredibly smooth and virtually stiction-free, plus it has 26mm cromoly stanchions, drop-forged T6 aluminum crown and powerful brake arch for outstanding torsional rigidity.



It starts with the volcano.

Kona Mountain Bikes is situated at the head of the volcanic Cascade Mountain range in Northwest Washington state. Inspired by the awesome force of this natural power, we have named many of our bikes after the main elements of the volcano.

Halfway across the Pacific Ocean, lies the volcanic chain of Hawaiian Islands. We have visited the Kona coast many times and adopted many of the Island's friendly names in our line. Kilauea, on the Big Island of Hawaii is the most active volcano in the USA.



Kilauea with Project Two TB fork option.



KILAUEA

Volcano Power.

Kilauea, named after Hawaii's most famous volcano, was called "Balanced and Active" by Mountain Bike Action – an excellent description for this thoroughbred.



- Lively and lightweight Tange Prestige Concept frame tubing
- Bontrager Titanium Alloy handlebar
- 8-speed Shimano Deore XT derailleurs with Grip Shift 600
- Mr. Dirt & The Cleaner 26 x 2.06 tires in Kevlar
- NEW Race Light O-Beam seatpost

FRAME WEIGHT
4.5 lbs.

FORK WEIGHT
2.7 lbs.

BIKE WEIGHT
24.8 lbs.
(23.5 lbs. with P2)



Ritchey Logic brakes.

At 175 grams/pair, some of the lightest and best-performing production brakes made. Carefully designed to provide excellent braking leverage, they can be precisely adjusted for perfect function. Topped off by cleverly shaped "Stealth" pads made by Kool Stop, these excellent brakes are featured on many Kona models.



Impact headset. 170 grams.

Impact & Control Center headsets.

The competition still doesn't get it, and boy are we glad. They rushed onto the threadless headset bandwagon (aka "Aheadset"), thinking they would save weight and eliminate slipping. *Wrong*. Our threaded headsets have 1 inch of secure, threaded contact with the front fork. They also have the added security of a top clamp section. On top of that, Impact and Control Center use 1/4" bearings in the bottom race and wear out much slower than anything else. Even better, all you need is a 4mm allen key if adjustments are ever needed.



Control Center headset. 130 grams.



Marzocchi C25 rear shock. 450 grams.



SEX ONE

Suspension Experience.

Kona gets fully suspended! Our active rear suspension system is specifically designed for cross-country mountain biking.



- Lightweight Aluminum Alcoa heat-treated, double-buttressed frame
- Adjustable Marzocchi C25 rear shock
- Marzocchi XCR air/oil front suspension
- Grip Shift 400 combined with Shimano LX/STX derailleurs
- NEW Race Light Equilibrium saddle with PVC protection

FRAME WEIGHT
6.5 lbs.

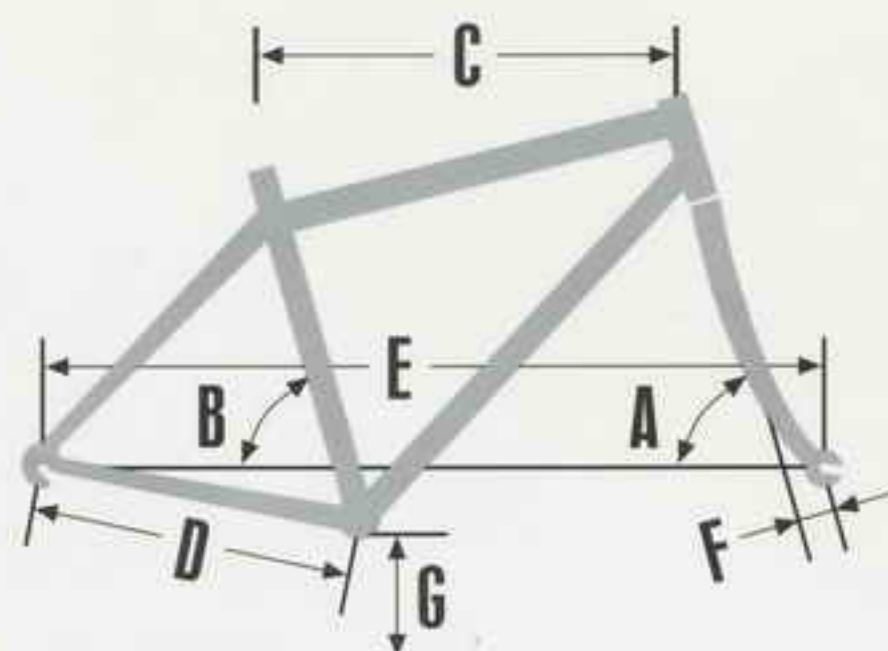
(with Marzocchi C25 rear shock)

FORK WEIGHT
2.7 lbs.

BIKE WEIGHT
27.5 lbs.

Sex Too, Sex One

GEOMETRY



Frame Size	Head Angle (A)	Seat Angle (B)	Top Tube (C)	Chain Stay (D)	Wheelbase (E)	Fork Offset (F)	Standover Height	Crank Length	Stem Length
16"	71°	75°	21.6	16.75	41.1	1.6	27.5	170	110
18"	71°	74°	22.4	16.75	41.5	1.6	29.5	175	125
19"	71°	74°	22.8	16.75	42.0	1.6	30.5	175	125
20"	71°	73.5°	23.4	16.75	42.5	1.6	31.5	175	140



AA

Hot Handling.

AA – hot lava rock. AA – a blend of rigid Aluminum frame performance and plush Marzocchi suspension – our equivalent of this morning's double espresso.

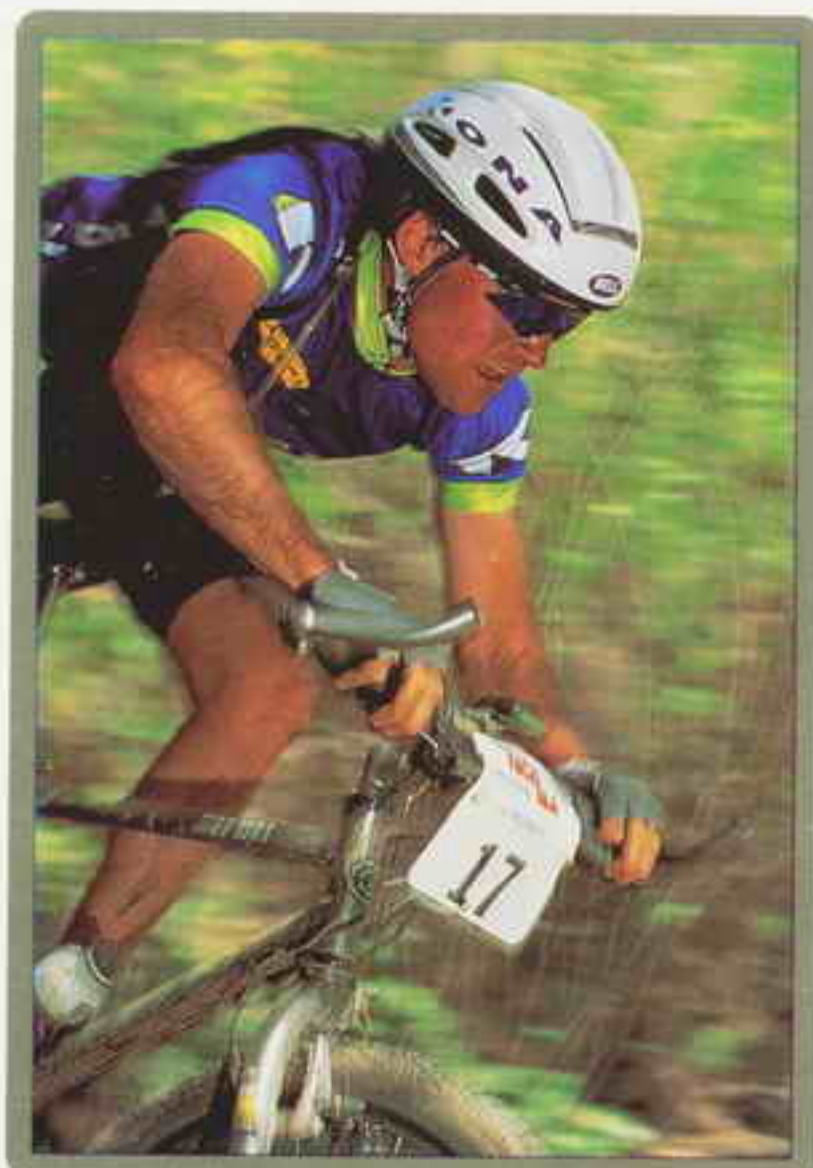


- Lightweight Aluminum Alcoa heat-treated, double-buttressed frame
- Marzocchi XCR air/oil shocks
- 8-speed Grip Shift 600
- Shimano Deore XT rear derailleur
- Mavic 237 rims with UB finish

FRAME WEIGHT
4.1 lbs.

FORK WEIGHT
2.7 lbs.

BIKE WEIGHT
25.5 lbs.

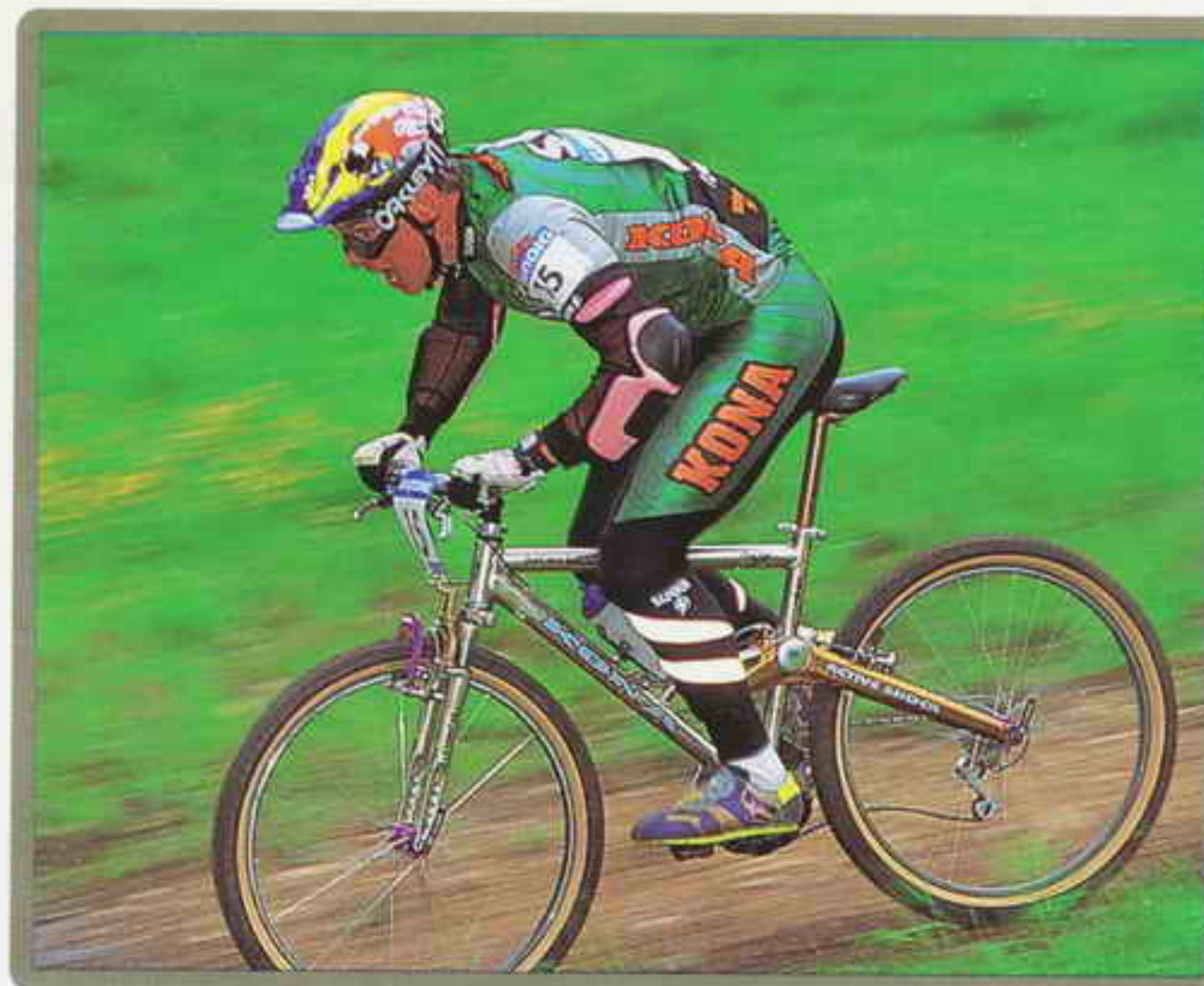


KONA RACING

1994 Professional team members.

Kona Roots.

Joe Murray, 2-time US national champion. One of the pioneers of the sport and an inaugural member of the Mountain Bike Hall of Fame. Our first professional team member and original designer of Kona Mountain Bikes. Thanks, Joe.



Antti-Pekka Laiho (Finland)



Kirk Molday (USA)



MUNI-MULA

Race Ready Mountain Shock Machine.

We think the Muni-Mula color is Magnificent. The rest of the bike is too.

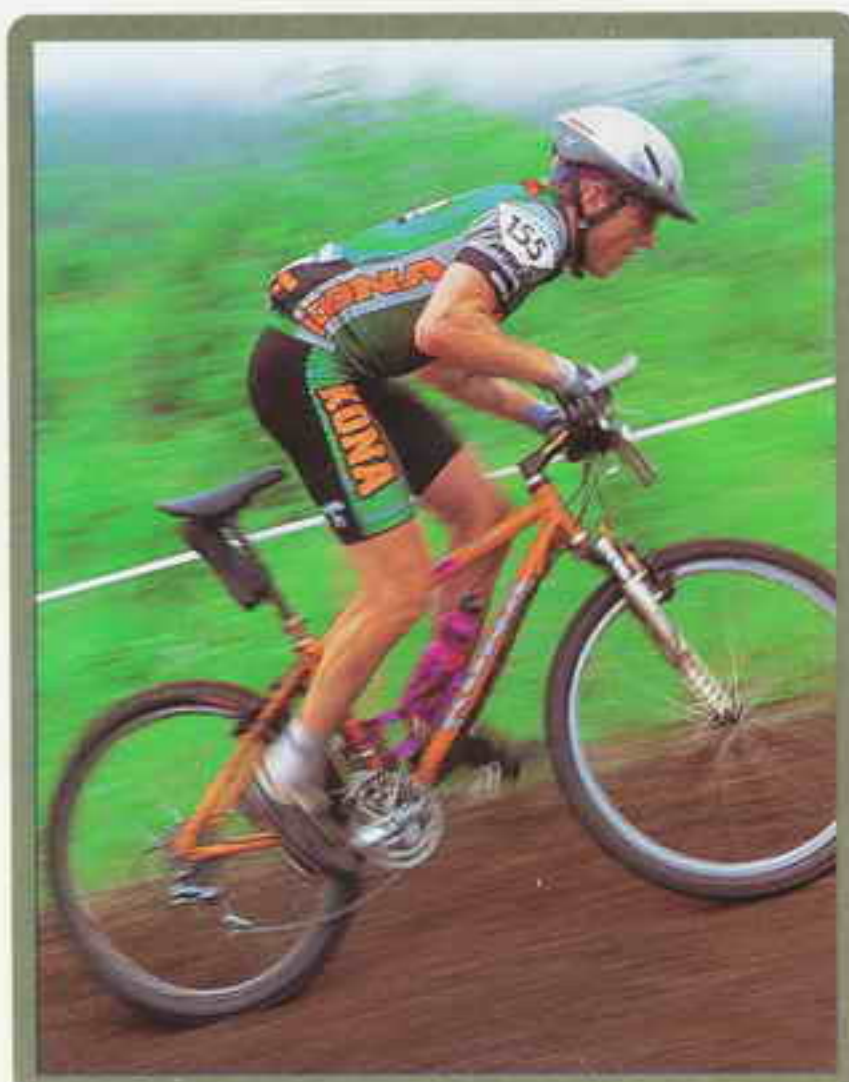


- Lightweight Aluminum Alcoa heat-treated, double-buttressed frame
- NEW adjustable Marzocchi XCR air/oil suspension fork
- Grip Shift 400 combined with Shimano LX/STX derailleurs
- 275 gram heat-treated, double-buttressed Velocity stem
- Lightweight Dia Compe 980 cantilever brakes

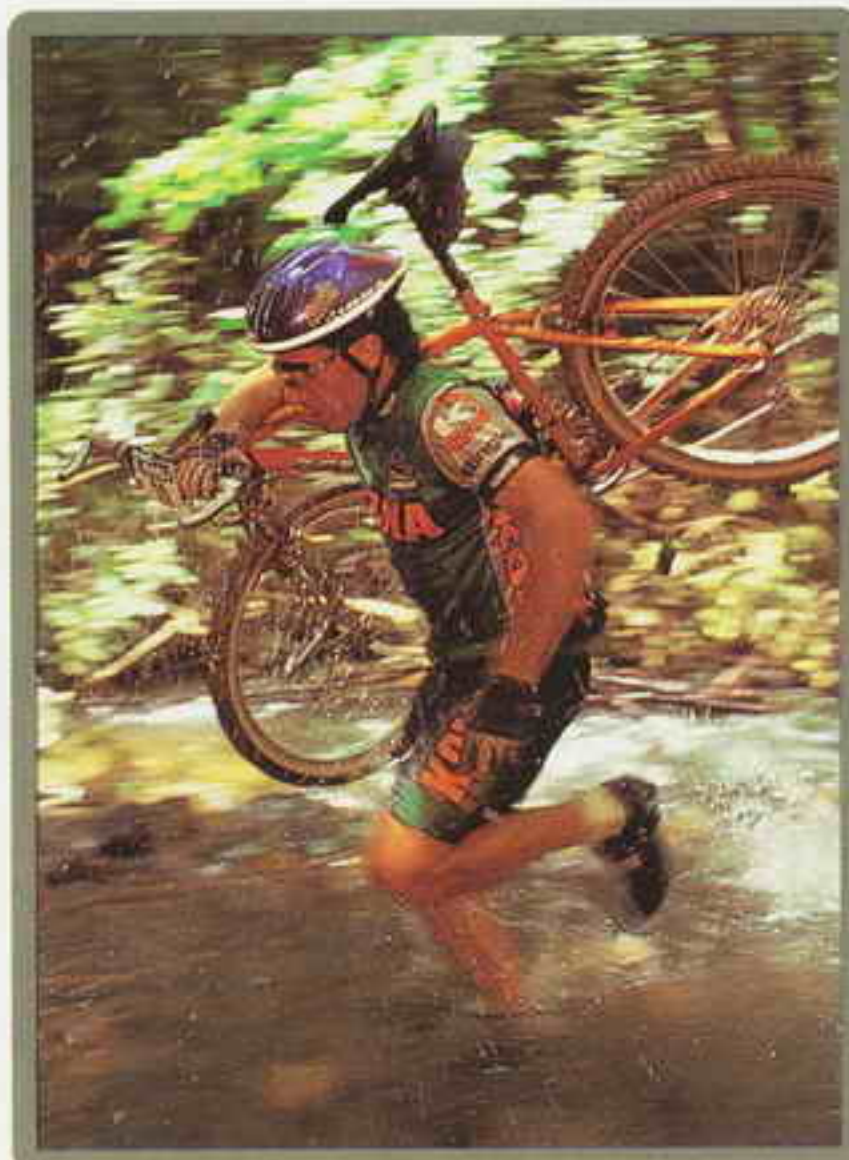
FRAME WEIGHT
4.1 lbs.

FORK WEIGHT
2.7 lbs.

BIKE WEIGHT
26.1 lbs.



Kris Oetter (Canada)

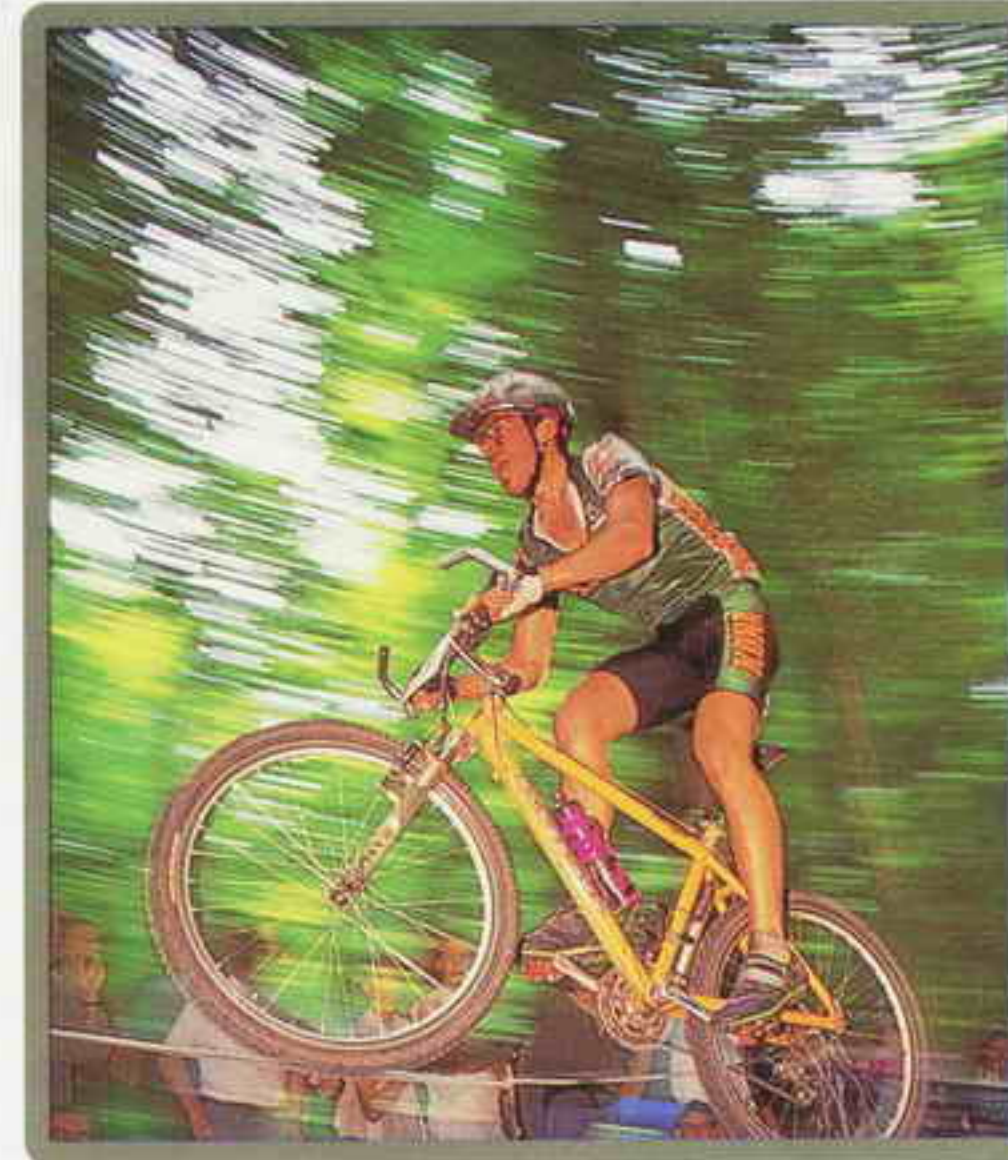


Max Jones.

2-time US National Veteran Champion, Max is an 11-year veteran of professional mountain bike racing. He has held over 50 clinics at World Cup, National Championship series and regional events over the past 3 years, helping thousands of beginning and expert racers prepare for their best-ever performance. An important part of Kona's commitment to mountain bike racing.

Kona Pro Development.

Each year, for the past 6 years, 100 racers from across North America are selected to wear the Kona colors. They receive equipment and tech support from Kona and provide us with important feedback about which frames and which parts are *really* race-reliable.





CINDER CONE

Eclectic Energy.

An ideal and unusual mix of components. A lightweight Tange double-butted steel frame. Cinder Cone is an excellent example of Kona Race Light philosophy.



- 660 gram Sugino Impel 500 cranks
- Mavic 237 rims with UB finish improves braking function
- Powerful Ritchey Logic brakes
- 8-speed Grip Shift 600 with Shimano XT/LX derailleurs
- NEW Race Light Equilibrium saddle with hollow cromoly rails

FRAME WEIGHT
4.5 lbs.

FORK WEIGHT
1.7 lbs.

BIKE WEIGHT
25.8 lbs.



Race Light. The Kona Philosophy.

The cornerstone of our basic design philosophy is summed up in these two words. Make it strong enough to race, and light enough to win. It's a fine balance exemplified in our Race Light MTB category, which features our beautiful, straight-tube Project Two fork on lightweight mountain bike frames.

P2 dropout has been re-designed for 1995, saving weight and allowing easier and quicker wheel removal and installation.

Project Two fork.

After the frame, the fork is the most important part of a well-balanced ride. Since the beginning, Project Two has provided one of the key elements to Kona performance. The large diameter (1 1/8") blades use



triple-butted (1.3-0.8-0.5mm) walls, resulting in excellent torsional rigidity and surprising comfort. At 775 grams, one of the lightest rigid forks made, and definitely one of the strongest.

Suspension Ready. Take off the brake cable hanger and front fork. Install a suspension fork. No change in geometry or need to change the front tire because the Project Two fork is the same length as Marzocchi suspension forks. No need to change the stem since the cable hanger is separate. All quickly and easily done with the Race Light Impact or Control Center headset - all you need is a 4mm & 6mm allen key.





LAVA DOME

Welcome to Kona World.

Lava Dome has every essential Kona design and component needed for no-holds barred off-road performance.



- Very lightweight Tange Infinity double-buttressed cromoly frame
- Triple-buttressed, heat-treated Project Two fork weighs only 795 grams
- Grip Shift 400 combined with Shimano LX/STX derailleurs
- Impact headset can be adjusted on the trail with a 4mm allen key
- NEW Race Light Mr.Dirt and The Cleaner 26 x 2.06 tire combination

FRAME WEIGHT
4.5 lbs.

FORK WEIGHT
1.7 lbs.

BIKE WEIGHT
26.1 lbs.



Equilibrium Saddle.

Race Light Equilibrium saddle. Flat rear platform for comfort. Cutaway shape for weight savings. PVC front and rear bumpers make it long-wearing. Weighs as little as 195 grams with Titanium rails.



High Command Brake Levers.

Re-designed for 1995, High Command is a 3-finger brake lever works particularly well with Grip Shift. A new clamp section and improved blade have excellent leverage. Unobtrusively drilled and threaded to accept our Extension 25 brake lever extensions.



O-Beam seatpost.

Race Light O-Beam seatpost weighs only 250 grams, and features easy-to-use and adjust twin-bolt system for no-slip security.



KONA

Aluminum Power.

Kona is the essence of Kona Mountain Shock, the perfect balance of lightweight aluminum frame rigidity and shock-absorbing suspension stability.



- Lightweight Aluminum Alcoa heat-treated, double-buttressed frame
- NEW Marzocchi Zokes elastomer suspension fork
- Strong double-wall Mavic 236 rims
- Suspension-Strong Kona 999 front hub
- Grip Shift 300 with Shimano STX/Acera-X derailleurs

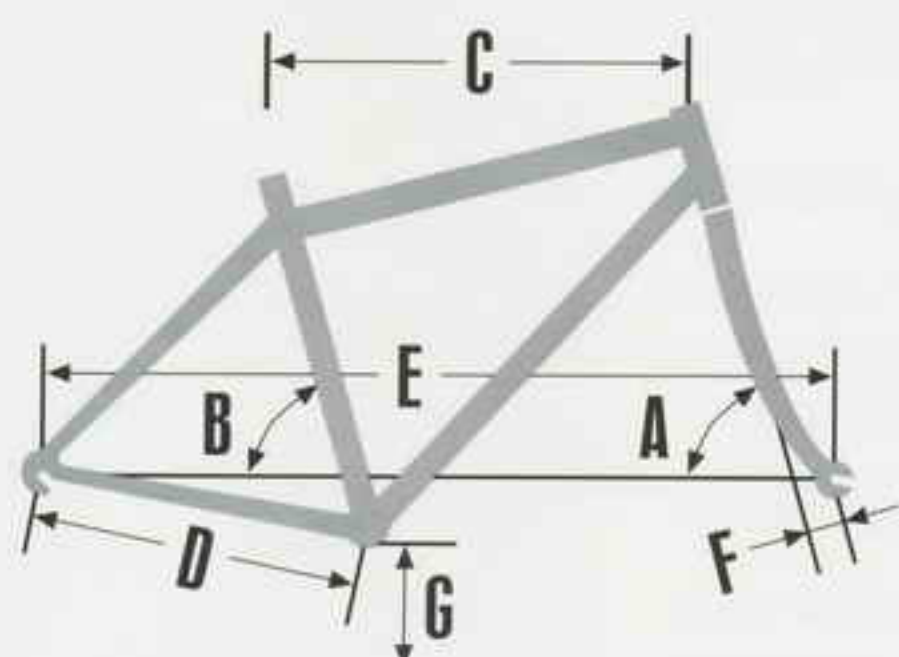


FRAME WEIGHT
4.1 lbs.

FORK WEIGHT
3.0 lbs.

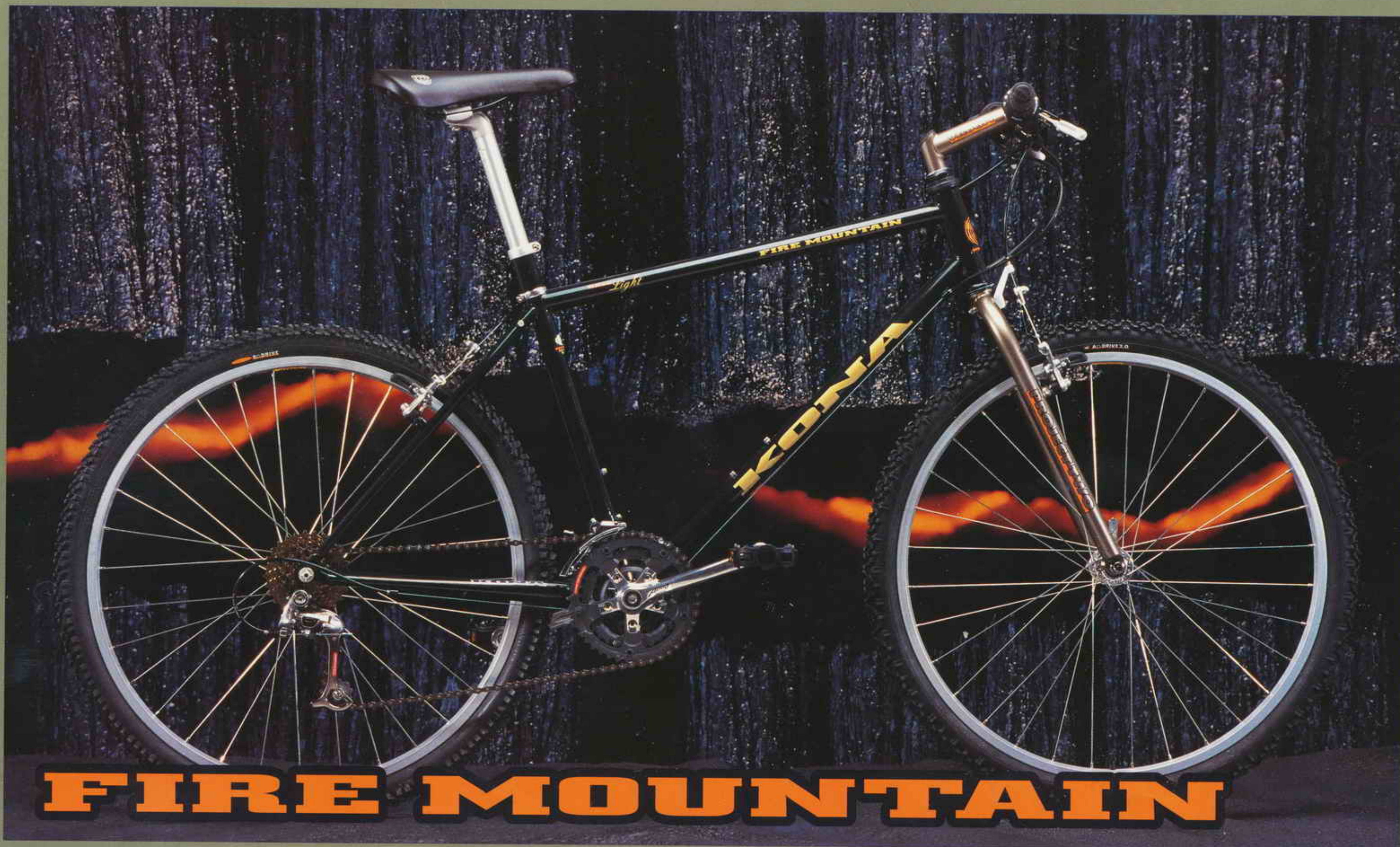
BIKE WEIGHT
26.5 lbs.

GEOMETRY



Hei Hei, Hot, Ku, Kula, Explosif, Kilauea, AA, Cinder Cone, Muni-Mula, Lava Dome, Koa

Frame Size	Head Angle (A)	Seat Angle (B)	Top Tube (C)	Chain Stay (D)	Wheelbase (E)	Fork Offset (F)	Standover Height	Crank Length	Stem Length
14"*	70.5°	74°	21.5	16.75	40.4	1.6	24.0	170	100
16"	70.5°	74°	22.0	16.75	40.9	1.6	26.0	170	100
17"	71°	74°	22.5	16.75	41.5	1.6	27.0	170	110
18"	71°	74°	23.0	16.75	41.9	1.6	28.0	175	110
19"	71°	73°	23.5	16.75	42.2	1.6	29.0	175	125
20"	71°	73°	24.0	16.75	42.7	1.6	30.0	175	140
21"	71°	72.5°	24.5	16.75	43.0	1.6	31.0	175	140



Race Light Reality.

Important upgrades for '95 make the Fire Mountain a strong introduction to enjoyable lightweight off-road performance.



- Complete double-buttet cromoly tubeset
- Grip Shift 300 combined with Shimano STX/Acera-X derailleurs
- NEW High Command brake levers are perfectly compatible with Grip Shift
- Beautiful and strong Race Light seatpost
- Race Light A:\Drive and B:\Drive 26 x 2.0 tires

FRAME WEIGHT
4.7 lbs.
FORK WEIGHT
2.3 lbs.
BIKE WEIGHT
27.4 lbs.



A Couple of Necessities.

Dewey Too handlebar extensions – A necessity for off-road performance. You get 3 additional hand positions and optimum leverage for accelerating and climbing. Check out our Dewey Too, Dewey Bars and High Command handlebar extensions.

Extension 25 brake lever extensions. A simple solution to the problem created by bar ends: How do you stop when you're on the bar ends? Only 35 grams/pair, Extension 25 mounts easily and unobtrusively on our High Command brake levers.

Spiral Grips.

Race Light Spiral grips. Non-slip design and material. Only 75 grams/pair.





HAHANNA

The Real Thing.

Not a facsimile. An honest introduction to off-road riding, Hahanna has the essential elements of a genuine mountain bike.



- All cromoly frame, fork, stem – no hi-tensile tubes hidden anywhere
- Lightweight (185 grams) and strong Race Light aluminum handlebar
- 21-speed Grip Shift combined with Shimano Acera-X derailleurs
- Double-wall Mavic 236 rims weigh only 475 grams
- 15 gauge spokes front, 14 gauge spokes rear

FRAME WEIGHT
4.9 lbs.

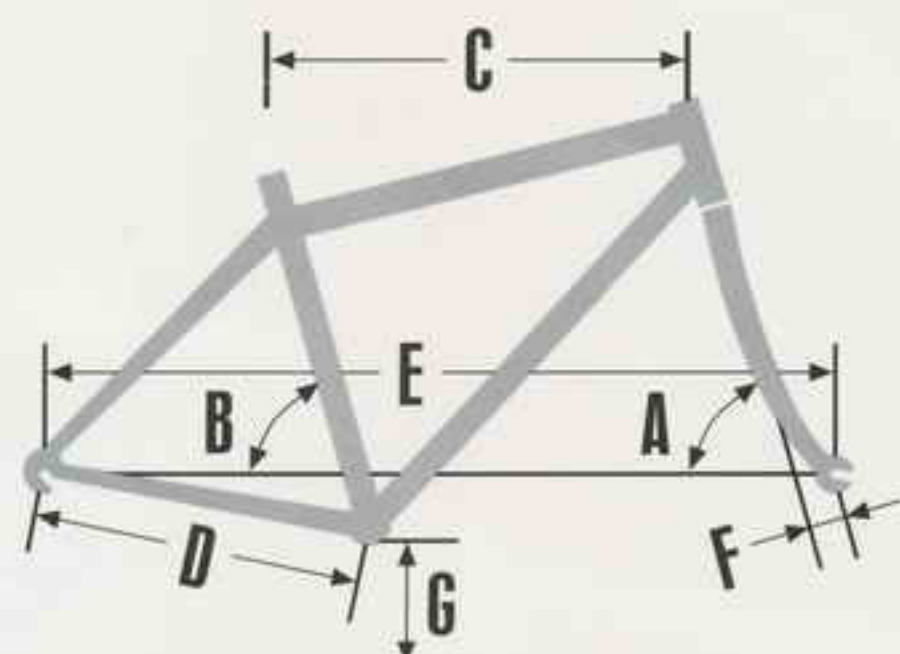
FORK WEIGHT
2.3 lbs.

BIKE WEIGHT
27.7 lbs.

All weights quoted in this brochure are for 18" bicycles.

Fire Mountain, Hahanna

GEOMETRY



Frame Size	Head Angle (A)	Seat Angle (B)	Top Tube (C)	Chain Stay (D)	Wheelbase (E)	Fork Offset (F)	Standover Height	Crank Length	Stem Length
14"*	70.5°	74°	21.0	16.75	40.0	1.6	24.0	170	100
16"	70.5°	74°	21.5	16.75	40.5	1.6	26.0	170	100
18"	71°	74°	22.5	16.75	41.5	1.6	28.0	175	110
19"	71°	73°	23.0	16.75	41.7	1.6	29.0	175	125
20"	71°	73°	23.5	16.75	42.2	1.6	30.0	175	140

*14" Frame size for Hahanna only.



KEIKI

Kona Kids.

They might not even figure out the reason you like it is because it's a safe introduction to mountain biking. Designed for kids age 6-10.



- Full cromoly frame
- Project Two fork
- Aluminum 24 x 1.5 rims
- Shimano 3-speed internal gearing defies trashing
- Internal drum brake PLUS cantilevers



FRAME WEIGHT
4.5 lbs.

FORK WEIGHT
1.9 lbs.

BIKE WEIGHT
22.0 lbs.

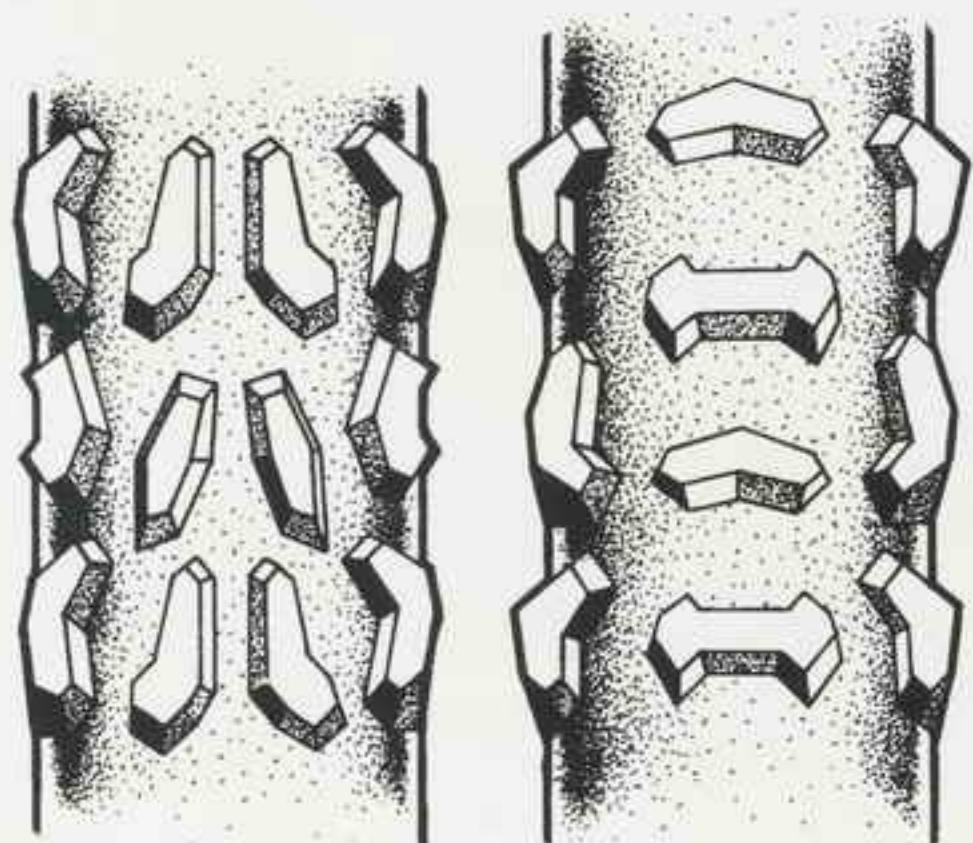
Kona Race Light tires.

Mr. Dirt. NEW for '95, Mr. Dirt is a 26 x 2.06 front tire with wide-spaced knobs for excellent mud clearing. The center knobs form a flying V to push mud forward. The oversize side knobs are 7-9mm high to provide solid support for cornering. 675 grams in the steel bead version.

The Cleaner. Mr. Dirt's partner, The Cleaner is also a directional 26 x 2.06 tire with a paddle-style center knob grouping for positive traction. These knobs are angled up sharply on the traction side and more moderately on the clearing side. The Cleaner has the same side knobs as Mr. Dirt and works extremely well on a wide range of surfaces while providing excellent mud clearing. 625 grams in the steel bead version.

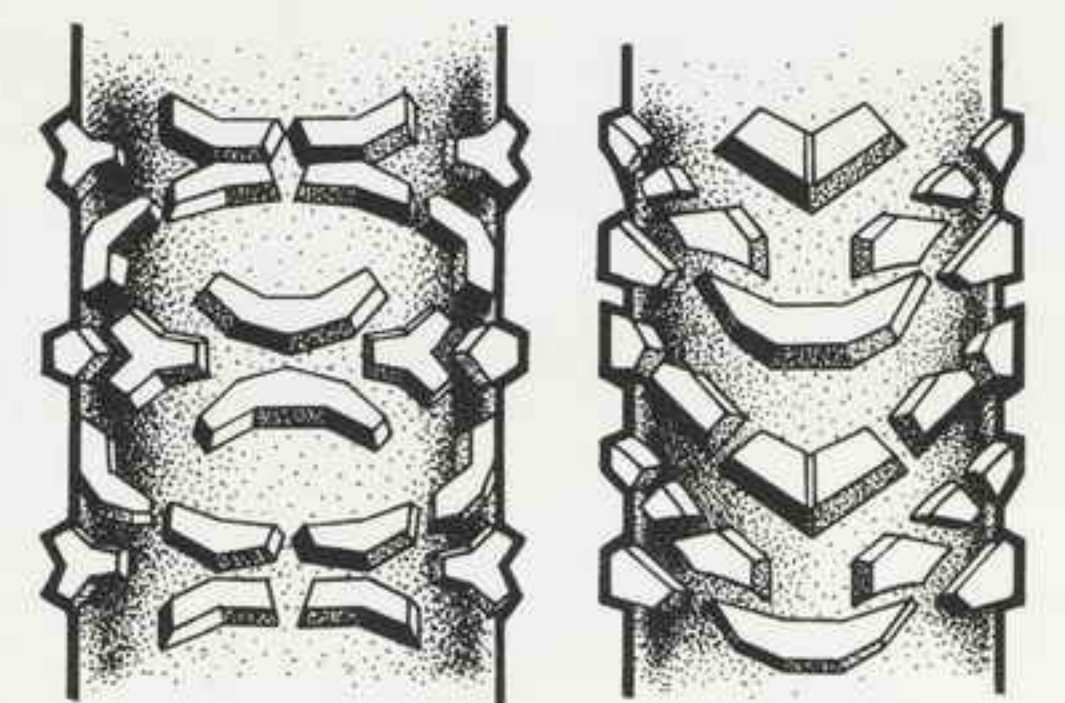
A:\Drive. Front tire with a mid-sized 26 x 2.0 casing, with low and well-spaced center knobs for mud clearance, and taller, tighter spaced side knobs for sideways control. Very light at 575 grams (steel bead) and ideal for hard packed surfaces.

B:\Drive. Complementary rear tire for A:\Drive, also a mid-sized 26 x 2.0 casing. Two rows of medium height V-shape knobs for traction, taller side knobs for turning. Only 595 grams.



Mr. Dirt
26 x 2.06

The Cleaner
26 x 2.06



A:\Drive
26 x 2.0

B:\Drive
26 x 2.0



Before the Mountain Bike.

A complicated name
for a basic bike.

It figures.



- Full cromoly frame, fork and stem
- There is a reason for the 2nd top tube
- 425 gram Sun No.5 Orange rims made in USA
- High performance single speed freewheel
- Race Light High Command brake levers

FRAME WEIGHT
5.1 lbs.

FORK WEIGHT
2.3 lbs.

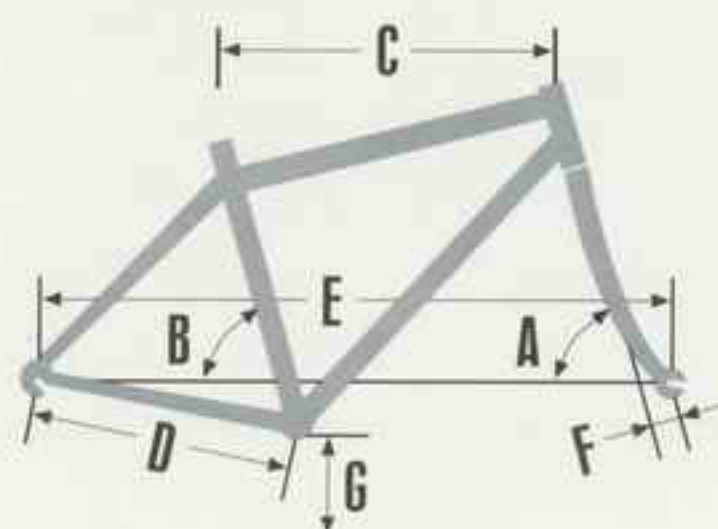
BIKE WEIGHT
26.1 lbs.



Before the Mountain Bike, there were Cruisers – old and converted balloon-tire bikes from the 40's and 50's. Parts were borrowed and made to fit from road and BMX bikes. They were heavy and slow – uphill, but “by gar” they were fun to ride and race downhill. Those were the good old days when a bike was a bike and dogs tried to rip the bell bottoms off your jeans as you pedalled by.

Somehow, the Cruiser bike has never gone out of style in mountain and beach towns where bicycles rule the roads and trails. Those are the old-fashioned “beach” cruisers, still made out of the same old cast-iron tubing. Our Cruisers are different – made with lightweight cromoly double-butted frames and forks and aluminum rims. Seven or Three or One speed, these are still just as much fun to ride as the pioneer bikes – just a lot lighter and easier to pedal.

GEOMETRY



A'ha, Humuhumu-Nukunuku-A-Pua'a, Keiki*

Frame Size	Head Angle (A)	Seat Angle (B)	Top Tube (C)	Chain Stay (D)	Wheelbase (E)	Fork Offset (F)	Standover Height	Crank Length	Stem Length
16"	70.5°	70.5°	22.2	18.2	41.5	1.6	28.0	170	80
18"	70.5°	70.5°	23.5	19.0	43.5	1.6	30.0	170	80
14"*	70.5°	70.5°	20.5	16.1	38.5	1.6	23.0	165	80

*14" Frame size for Keiki with 24" wheels only.



Cool Cruisin'.

This bike blows *US* away.
There has never been a
Cruiser like this before.



- Full cromoly frame
- Project Two cromoly fork
- Shimano internal 7-speed hub
- Internal rear hub brake plus cantilevers
- A:\Drive 26 x 2.0 knobbies



FRAME WEIGHT
5.1 lbs.
FORK WEIGHT
2.3 lbs.
BIKE WEIGHT
26.2 lbs.

Kona Clothing.

Team Issue Jersey. Sublimated "Fieldsensor" jersey by Sugoi. Sizes: small, medium, large, extra large.

Team Issue Shorts. Sublimated lycra 6-panel shorts by Sugoi. Sizes: small, medium, large, extra large.

Green Thumb Cap. 100% wool US-made baseball cap by New Era. One size.

White Thumb Cap. 100% cotton baseball cap by CCH. One size.

Thumb t-shirt. 100% cotton Hanes Beefy-T in white, blue, green. Sizes: medium, large, extra large.

Race Light t-shirt. 100% cotton Hanes Beefy-T in white. Porcine "Don't Discriminate" design. Sizes: medium, large, extra large.





Congratulations! to Jen Kamel of Peterborough, New Hampshire, who *didn't* come up with a new name for the Haole, but made the terrific suggestion of **Kapu**, which we selected for our new production road model. Thanks, Jen!



HAOLE

Strong & Muscular.

New tubing and new design for the bike that wouldn't be re-named.



- Lightweight and rigid Columbus MiniMax tubing
- Custom sizing, colors & braze-ons available
- Electronic Mavic ZAP shifting
- Beautiful 3TT stem and handlebar
- Handbuilt wheels, Wheelsmith double-buttet spokes

FRAME WEIGHT
3.1 lbs.

FORK WEIGHT
1.3 lbs.

BIKE WEIGHT
20.9 lbs.

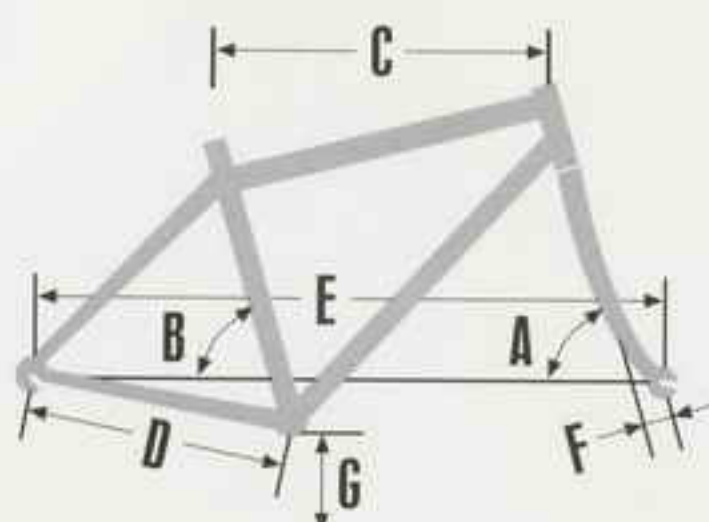


To make a long story short, **Bici = Bike. Strada = Road.**

You roadies already knew that from studying Italian opera. Mountain bikers, take note of the clever skinny tires, rims and frame tubes that make these bikes so light. It's true that they are **NO GOOD** for the gnarly singletrack that runs out of your backyard. This is for the front door, and the smooth, paved stuff that goes almost everywhere. Use it for good

weather, for training, racing. Kona road bikes have sano angles, are good for all-round riding, and the top tubes are the right length – not mountain bike length. We incorporated the classic Kona sloping top tube, to get a tight and fast accelerating rear triangle. There's also an unmistakably Italian influence – which makes sense when you realize that Campagnolo components and Columbus tubing are practically synonymous with classic road bikes.

GEOMETRY



Haole, Kapu

Frame Size*	Head Angle (A)	Seat Angle (B)	Top Tube (C)	Chain Stay (D)	Wheelbase (E)	Fork Offset (F)	B/B Height (G)
49 cm	73°	74°	53.0 cm	41.0 cm	96.9 cm	4.2 cm	27.0 cm
52 cm	73°	74°	54.0 cm	41.0 cm	98.0 cm	4.2 cm	27.0 cm
54 cm	73.5°	73.5°	55.0 cm	41.0 cm	97.5 cm	4.2 cm	27.0 cm
56 cm	73.5°	73°	56.0 cm	41.0 cm	98.0 cm	4.2 cm	27.0 cm
58 cm	73.5°	73°	58.0 cm	41.0 cm	100.0 cm	4.2 cm	27.0 cm
60 cm	74°	73°	59.0 cm	41.0 cm	100.5 cm	4.2 cm	27.0 cm

*Size designation due to sloping top tube. Add 3.4 cm for actual center to top. Subtract 5.2 cm for actual center to center.



Kona Mudshark fork. 600 grams.



KONA

Unforbidden.

An Italian influence for our excellent production road machine.



- Columbus Genius frame tubing
- 600 gram Mudshark fork
- Campagnolo Veloce group with Ergopower
- Veloce clipless pedals
- Race Light Impact headset

FRAME WEIGHT
3.1 lbs.

FORK WEIGHT
1.3 lbs.

BIKE WEIGHT
20.9 lbs.

What does the press say about Kona?

"I loved the Explosif...this gem has won me over with an eclectic, well-planned parts mix seldom seen on the showroom floor."

— bike (Explosif test - April 1994)

"They are built the way bikes are meant to be ridden; hard, fast, through technical terrain, the tougher the better. Kona does a lot of things right."

— Mountain Biking (Kula test - July 1994)



"We like the Kona because it's light, nimble, and has a simple elegance."

— Bicycling (Hahanna test - June 1994)

"Blazing through singletrack is second nature to the Hot, whether it's up or down. The point-and-shoot steering on twisting tight stuff makes this bike a joy."

— Bicycle Guide (Hot test - April 1994)

"On the trail, the Kona felt balanced and active in the steering department...the bike could do no wrong."

— Mountain Bike Action (Kilauea test - April 1994)

SPECIFICATIONS

	HEI HEI	HOT	KU	SEX TOO	KULA	EXPLOSIIF	KILAUEA	SEX ONE
FRAME	Sandvik 3-2.5 Titanium Alloy	Tange Prestige Ultimate/Concept DB	Easton Elite DB Aluminum	Easton Elan DB Aluminum	Easton Elan DB Aluminum	Columbus MAX Race Light DB Stays	Tange Concept Race Light DB Stays	7005 Butted Aluminum
FORK	Marzocchi XC 600	Marzocchi XCR	Marzocchi XCR	Marzocchi XCR front A25 rear shock	Marzocchi XC 600	Marzocchi XCR	Marzocchi XCR or Project Two TB	Marzocchi XCR front C25 rear shock
HEADSET	Race Light Control Center	Race Light Impact	Race Light Impact	Race Light Impact	Race Light Control Center	Race Light Control Center	Race Light Impact	Race Light Impact
CRANKS	Cook Bros.	Sugino Mighty 900	Sugino Mighty 900	Sugino Impel 700	Sugino Mighty 900	Sugino Mighty 900	Sugino Impel 700	Shimano STX
BOTTOM BRACKET	KSS TLS	KSS TLS	KSS TLS	KSS TLS	KSS TLS	KSS TLS	KSS TLS	Shimano LP20
PEDALS	Shimano Deore XT Clipless	Shimano Deore LX Clipless	Shimano Deore LX Clipless	LXT Aluminum	Shimano Deore LX Clipless	Shimano Deore LX Clipless	LXT Aluminum	LXT Aluminum
CHAIN	Super Shuttle	Super Shuttle	Super Shuttle	Super Shuttle	Super Shuttle	Super Shuttle	Super Shuttle	Shimano I630
FREEWHEEL	Shimano XTR 12-32 8-speed	Shimano Deore XT 11-28 8-speed	Shimano Deore XT 11-28 8-speed	Shimano Deore XT 11-28 8-speed	Shimano Deore XT 11-28 8-speed	Shimano Deore XT 11-28 8-speed	Shimano Deore XT 11-28 8-speed	Shimano I650 11-28 7-speed
FRONT DERAILLEUR	Shimano XTR	Shimano Deore LX	Shimano Deore LX	Shimano Deore XT	Shimano Deore XT	Shimano Deore XT	Shimano Deore XT	Shimano STX
REAR DERAILLEUR	Shimano XTR	Shimano Deore XT	Shimano Deore XT	Shimano Deore XT	Shimano Deore XT	Shimano Deore XT	Shimano Deore XT	Shimano Deore LX
SHIFTERS	Grip Shift X-Ray	Grip Shift X-Ray	Grip Shift X-Ray	Grip Shift SRT-600	Grip Shift X-Ray	Grip Shift X-Ray	Grip Shift SRT-600	Grip Shift SRT-400
BAR	Bontrager Titanium	Bontrager Titanium	Bontrager Titanium	Bontrager Titanium	Bontrager Titanium	Bontrager Titanium	Bontrager Titanium	Kona Slim Aluminum
STEM	Velocity HT	Velocity HT	Velocity HT	Velocity HT	Velocity HT	Velocity HT	Velocity HT	Velocity HT
BRAKES	Machine Tech	Shimano Deore XT	Shimano Deore XT	Ritchey Logic	Ritchey Logic	Ritchey Logic	Ritchey Logic	Dia Compe 980
BRAKE LEVERS	Odyssey Paralever	Race Light High Command	Race Light High Command	Race Light High Command	Race Light High Command	Race Light High Command	Race Light High Command	Race Light High Command
FRONT HUB	Hugi Pro	Kona Suspension 999	Kona Suspension 999	Kona Suspension 999	Shimano Deore XT	Shimano Deore XT	Kona Suspension 999	Kona Suspension 999
REAR HUB	Hugi Pro	Shimano Deore XT	Shimano Deore XT	Shimano Deore XT	Shimano Deore XT	Shimano Deore XT	Shimano Deore XT	Shimano STX
RIMS	Mavic 217	Mavic 237	Mavic 237	Mavic 237	Mavic 217	Mavic 217	Mavic 237	Mavic 238
SPOKES	Wheelsmith	156 front / 146 rear	156 front / 146 rear	156 front / 146 rear	156 front / 146 rear	156 front / 146 rear	156 front / 146 rear	156 front / 146 rear
FRONT TIRE	Mr. Dirt 26 x 2.06 Kevlar	Mr. Dirt 26 x 2.06 Kevlar	Mr. Dirt 26 x 2.06 Kevlar	Mr. Dirt 26 x 2.06 Kevlar	Mr. Dirt 26 x 2.06 Kevlar	Mr. Dirt 26 x 2.06 Kevlar	Mr. Dirt 26 x 2.06 Kevlar	Mr. Dirt 26 x 2.06
REAR TIRE	The Cleaner 26 x 2.06 Kevlar	The Cleaner 26 x 2.06 Kevlar	The Cleaner 26 x 2.06 Kevlar	The Cleaner 26 x 2.06 Kevlar	The Cleaner 26 x 2.06 Kevlar	The Cleaner 26 x 2.06 Kevlar	The Cleaner 26 x 2.06 Kevlar	The Cleaner 26 x 2.06
SADDLE	Race Light Equilibrium Titanium	Race Light Equilibrium Hollow Cro-Mo	Race Light Equilibrium Hollow Cro-Mo	Race Light Equilibrium Hollow Cro-Mo	Race Light Equilibrium Hollow Cro-Mo	Race Light Equilibrium Hollow Cro-Mo	Race Light Equilibrium Hollow Cro-Mo	Race Light Equilibrium
SEATPOST	Race Light O-Beam	Race Light O-Beam	Race Light O-Beam	Race Light O-Beam	Race Light O-Beam	Race Light O-Beam	Race Light O-Beam	Kona Race Light
COLOR	Kohanna	Custom	Custom	Kula Gold Metallic	Glacier Green Metallic	Red Metallic	Pearl White	Black
SIZES	14, 16, 17, 18, 19, 20	14, 16, 17, 18, 19, 20	14, 16, 17, 18, 19, 20	16, 18, 19, 20	16, 18, 19, 20	16, 18, 19, 20	16, 18, 19, 20	16, 18, 19, 20
WEIGHT	22.8 lbs.	24.5 lbs.	23.8 lbs.	26.9 lbs.	23.8 lbs.	24.4 lbs.	23.5 lbs. (P2)	27.5 lbs.
EXTRAS				Clips/Straps			Clips/Straps	Clips/Straps

SPECIFICATIONS

	AA	CINDER CONE	MUNI-MULA	LAVA DOME	KOA *	FIRE MOUNTAIN	HAHANNA
FRAME	7005 Butted Aluminum	Kona Butted Cromoly	7005 Butted Aluminum	Kona Butted Cromoly	7005 Butted Aluminum	Kona Butted Cromoly	Kona Cromoly
FORK	Marzocchi XCR	Project Two TB	Marzocchi XCR	Project Two TB	Marzocchi Zokes	Project Two Sport	Project Two Sport
HEADSET	Race Light Impact	Race Light Impact	Race Light Impact	Race Light Impact	Sealed Tech	Sealed Tech	Sealed Tech
CRANKS	Sugino Impel 500	Sugino Impel 500	Shimano STX	Shimano STX	Shimano Alivio	Shimano Alivio	Shimano Alivio
BOTTOM BRACKET	KSS TLS	KSS TLS	Shimano LP20	Shimano LP20	Shimano LP20	Shimano LP20	Shimano LP20
PEDALS	LXT Aluminum	LXT Aluminum	LXT Aluminum	LXT Aluminum	LXT	LXT	LXT
CHAIN	HP70S	HP70S	Shimano IG30	Shimano IG30	UG50	UG50	UG50
FREEWHEEL	Shimano HG70 11-28 8-speed	Shimano HG70 11-28 7-speed	Shimano IG50 11-28 7-speed	Shimano IG50 11-28 7-speed	Shimano HG30 11-28 7-speed	Shimano HG30 11-28 7-speed	Shimano HG30 11-28 7-speed
FRONT DERAILLEUR	Shimano Deore LX	Shimano Deore LX	Shimano STX	Shimano STX	Shimano Alivio	Shimano Acera-X	Shimano Acera-X
REAR DERAILLEUR	Shimano Deore XT	Shimano Deore XT	Shimano Deore LX	Shimano Deore LX	Shimano STX	Shimano STX	Shimano Acera-X
SHIFTERS	Grip Shift SRT-600	Grip Shift SRT-600	Grip Shift SRT-400	Grip Shift SRT-400	Grip Shift SRT-300	Grip Shift SRT-300	Grip Shift SRT-300
BAR	Kona Slim Aluminum	Kona Slim Aluminum	Kona Slim Aluminum	Kona Slim Aluminum	Kona Slim Aluminum	Kona Slim Aluminum	Kona Slim Aluminum
STEM	Velocity HT	Velocity HT	Velocity HT	Velocity HT	Velocity	Velocity	Velocity
BRAKES	Ritchey Logic	Ritchey Logic	Dia Compe 980	Dia Compe 980	875AG	875AG	875AG
BRAKE LEVERS	Race Light High Command	Race Light High Command	Race Light High Command	Race Light High Command	Race Light High Command	Race Light High Command	Race Light High Command
FRONT HUB	Kona Suspension 999	Kona Suspension 999	Kona Suspension 999	Kona Suspension 999	Kona Suspension 999	Kona Suspension 999	Shimano Altus
REAR HUB	Shimano Deore LX	Shimano Deore LX	Shimano STX	Shimano STX	Shimano Acera-X	Shimano Acera-X	Shimano Acera-X
RIMS	Mavic 237	Mavic 237	Mavic 238	Mavic 238	Mavic 238	Mavic 238	Mavic 238
SPOKES	156 front / 146 rear	156 front / 146 rear	156 front / 146 rear	156 front / 146 rear	156 front / 146 rear	156 front / 146 rear	156 front / 146 rear
FRONT TIRE	Mr. Dirt 26 x 2.08	Mr. Dirt 26 x 2.08	Mr. Dirt 26 x 2.08	Mr. Dirt 26 x 2.08	A:\Drive 26 x 2.0	A:\Drive 26 x 2.0	A:\Drive 26 x 2.0
REAR TIRE	The Cleaner 26 x 2.08	The Cleaner 26 x 2.08	The Cleaner 26 x 2.08	The Cleaner 26 x 2.08	B:\Drive 26 x 2.0	B:\Drive 26 x 2.0	B:\Drive 26 x 2.0
SADDLE	Race Light Equilibrium Hollow Cro-Mo	Race Light Equilibrium Hollow Cro-Mo	Race Light Equilibrium	Race Light Equilibrium	Kona Race Light	Kona Race Light	Kona Race Light
SEATPOST	Kona Race Light	Kona Race Light	Kona Race Light	Kona Race Light	Kona Race Light	Kona Race Light	Kalloy SP242
COLOR	Charcoal Metallic	Turquoise Metallic	Magnificent Mustard Metallic	Midnight Blue Metallic	Kula Blue Metallic	Forest Green Metallic	Works Silver Metallic
SIZES	16, 18, 19, 20	16, 18, 19, 20	16, 18, 19, 20	14, 16, 18, 19, 20	16, 18, 19, 20	16, 18, 19, 20	14, 16, 18, 19, 20
WEIGHT	25.5 lbs.	25.8 lbs.	26.1 lbs.	26.1 lbs.	26.5 lbs.	27.4 lbs.	27.7 lbs.
EXTRAS	Clips/Straps	Clips/Straps	Clips/Straps	Clips/Straps	Clips/Straps		

*Not available in the U.K.

*Kona reserves the right to change specifications.

SPECIFICATIONS

	A'HA*	HUMUHUMU	KEIKI*	HAOLE	KAPU
FRAME	Kona Cromoly	Kona Cromoly	Kona Cromoly	Columbus MiniMax	Columbus Genius
FORK	Project Two Sport	Project Two Sport	Project Two Sport	Kona Mudshark	Kona Mudshark
HEADSET	Sealed Tech	Sealed Tech	Sealed Tech	Race Light Impact	Race Light Impact
CRANKS	O-Tech	O-Tech	O-Tech	Mavic 631	Campagnolo Veloce
BOTTOM BRACKET	Shimano LP20	Shimano LP20	Shimano LP20	Mavic 610	Campagnolo Veloce
PEDALS	LXT	LXT	LXT		Campagnolo Veloce Clipless
CHAIN	UG50	UG50	UG50	Sedisport SL	Campagnolo Veloce
FREEWHEEL		JT 18T 1-speed		Mavic 12-21 8-speed	Campagnolo Veloce 12-24 8-speed
FRONT DERAILLEUR				Mavic 862	Campagnolo Veloce
REAR DERAILLEUR				Mavic ZAP	Campagnolo Veloce
SHIFTERS	Shimano ST-7S20 Trigger Lever		Shimano SL-3C20 Trigger Lever	Mavic ZAP	Campagnolo Veloce Ergopower
BAR	LT Steel	LT Steel	LT Steel	3TT Forma SL	3TT Forma
STEM	Velocity	Velocity	Velocity	3TT Record 84	Velocity HT
BRAKES	875AG / Shimano Internal	875AG	875AG / Shimano Internal	Mavic 451	Campagnolo Veloce
BRAKE LEVERS	Race Light High Command	Race Light High Command	Race Light High Command	Mavic 451	Campagnolo Veloce
FRONT HUB	KK 370	KK 370	KK 270	Mavic 571	Campagnolo Veloce
REAR HUB	Shimano 7-speed Internal	KK 909	Shimano 3-speed Internal	Mavic 571	Campagnolo Veloce
RIMS	Sun No.5 Orange	Sun No.5 Orange	Alex	Mavic 195	Mavic 195
SPOKES	156 front / 146 rear	156 front / 146 rear	156 front / 146 rear	Wheelsmith	156 front / 146 rear
FRONT TIRE	A:\Drive 26 x 2.0	A:\Drive 26 x 2.0	Crazy	Michelin Super Comp	Michelin Hi-Lite Competition
REAR TIRE	A:\Drive 26 x 2.0	A:\Drive 26 x 2.0	Crazy	Michelin Super Comp	Michelin Hi-Lite Competition
SADDLE	Kona Race Light	Kona Race Light	Kona Race Light	Race Light Equilibrium Titanium	Race Light Equilibrium Hollow Cro-Mo
SEATPOST	Kalloy	Kalloy	Kalloy	Race Light O-Beam	Kona Race Light
COLOR	Grimy Green	Royal Blue	Powerful Purple	Custom	Red
SIZES	16, 18	16, 18	14, (24" wheel)	49, 52, 54, 56, 58, 60cm	49, 52, 54, 56, 58, 60cm
WEIGHT	26.5 lbs.	26.1 lbs.	22.0 lbs.	20.9 lbs.	21.1 lbs.
EXTRAS					

IKONIA

INTERNATIONAL DISTRIBUTORS

Argentina • Megacycles • Gascon 5675 • Mar del Plata 7600 • tel: 23-074-2169

Austria • Rosner & Temper • Brauhausgasse 7 • 2325 Himberg • tel: 2235-87353

Australia • Groupe Sportif • 69 Flinders Street • Mentone, Victoria 3194 • tel: 3-583-0833

Belgium • Team Sporting Goods • Bredastraet 121 • B-2060 Antwerpen • tel: 3-226-9145

Brazil • Brasbike Ltda • Rio de Janeiro - Brazil • Av. Rio Branco, 12/20 Andar • Cep 20090-000 • tel: 21-263-9179

Denmark • Ettol Sport • Grenaavej 670 • DK-8541 Skoedstrup/Aarhus • Denmark • tel: 458-699-2000

England • Second Level Sport • Clockhouse Lane • Bedfont, Feltham, Middlesex • TW148QA • tel: 0784-251000

Finland • Mountain Bike Keskus • Lauttasaarentie 54 • SF-00200 Helsinki • tel: 358-0672-798

France • Chapak-Cham S.A. • 176 rue J. Cugnot • Z. I Grezan • 30000 Nimes • tel: 66 26 21 72

Germany • Ultrasport. Phillipp Reisstrasse 15 • D-63128 Dietzenbach • tel: 6074-85000

Hungary • Oak Limited • Branyiszko ut 30 • 1026 Budapest • tel: 1-136-7592

Israel • Harry Pick Enterprises • 168 Iben-Gevirol St. • Tel-Aviv • tel: 3-544-2123

Korea • Bumil Trading Company • Koex 4G-23 No. 159 • Samsung-Dong, Kangnam-Ku • Seoul 135-731 • tel: 2-551-6992

New Zealand • Kona New Zealand • Box 37685 • Parnell, Auckland • tel: 9-302-3272

Norway • Hard Rocx • Sterndalen 9-11 • 1345 Osteras • tel: 67-14-7240

Portugal • Motor Dealer • Parque Ind. Europolis • Edif. Bruselas, calle Z, bloque 4, nave 1 • 28230 Las Rozas (Madrid) • tel: 637-7097

Singapore • Thong Chuan Impex • No. 28 Bendemeer Road • Singapore 1223 • tel: 289-1515

South Africa • Sportscraft Marketing • Box 413 • Cramerview 2060, Johannesburg • tel: 11-789-7810

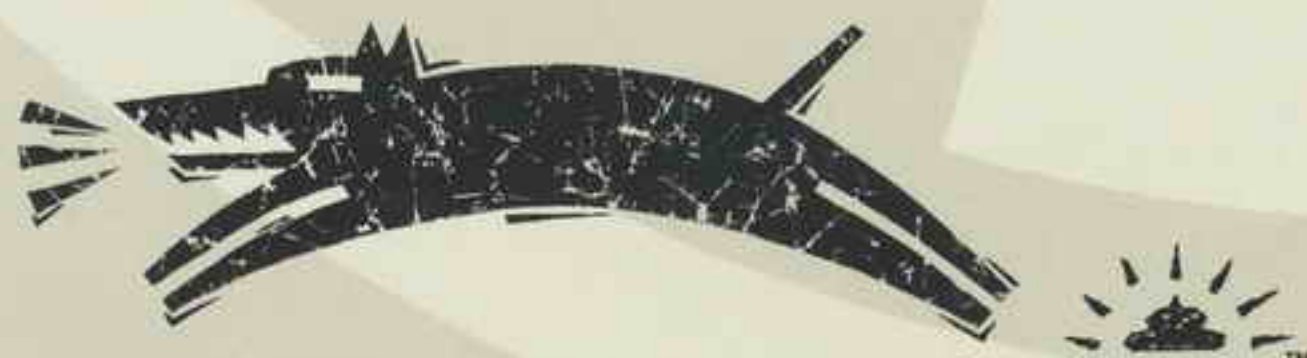
Spain • Motor Dealer • Parque Ind. Europolis • Edif. Bruselas, calle Z, bloque 4, nave 1 • 28230 Las Rozas (Madrid) • tel: 637-7097

Sweden • Sjöberg Trading • Enhagsslingan 19 • 183 39 TÄBY • Sweden • tel: 8-758 05 50

Switzerland • B&S Sport AG • Worbstrasse 233 • Gumligen 3073 • tel: 31-951-0081



The Hei Hei in front of Brad's awesome photo.



THANKSPICTURESBRADLEWISBOBALLENTIMHARVEYALUM-INUMCHRIS
HATOUNIANRAEFFMILESTOMMORANMIKEMCKINNELLNEALPALUMBO
THUMB&PARKERSIWORDSNICKOEDITINGLJJDESIGN&SWEATKEV



8/24/94

Aloha Kevin,

Greetings from the Garden. I just returned home from a Mauna Kea trip and got your fax. Here's some information to pass onto Lew concerning the background photo. I'm assuming that you are using one of the images of Pahoehoe lava with a hot crack in it. This was taken in the Puna District of Kilauea Volcano on the Big Island of Hawaii. It is pahoehoe lava that was a molten flow the day before. Because it is still flowing underneath, the surface has inflated and cracked, thus exposing the hot, inner matrix. I took this image at dawn, using a tripod. This flow is from an eruption that began in 1983 and has been going ever since. At present, 550,000 cubic meters of lava pump each day from the vent at Pu'u O'o and flow seven miles down slope, and into the ocean. That is my office.

Please call me if you have any further questions.

Best regards,

Brad