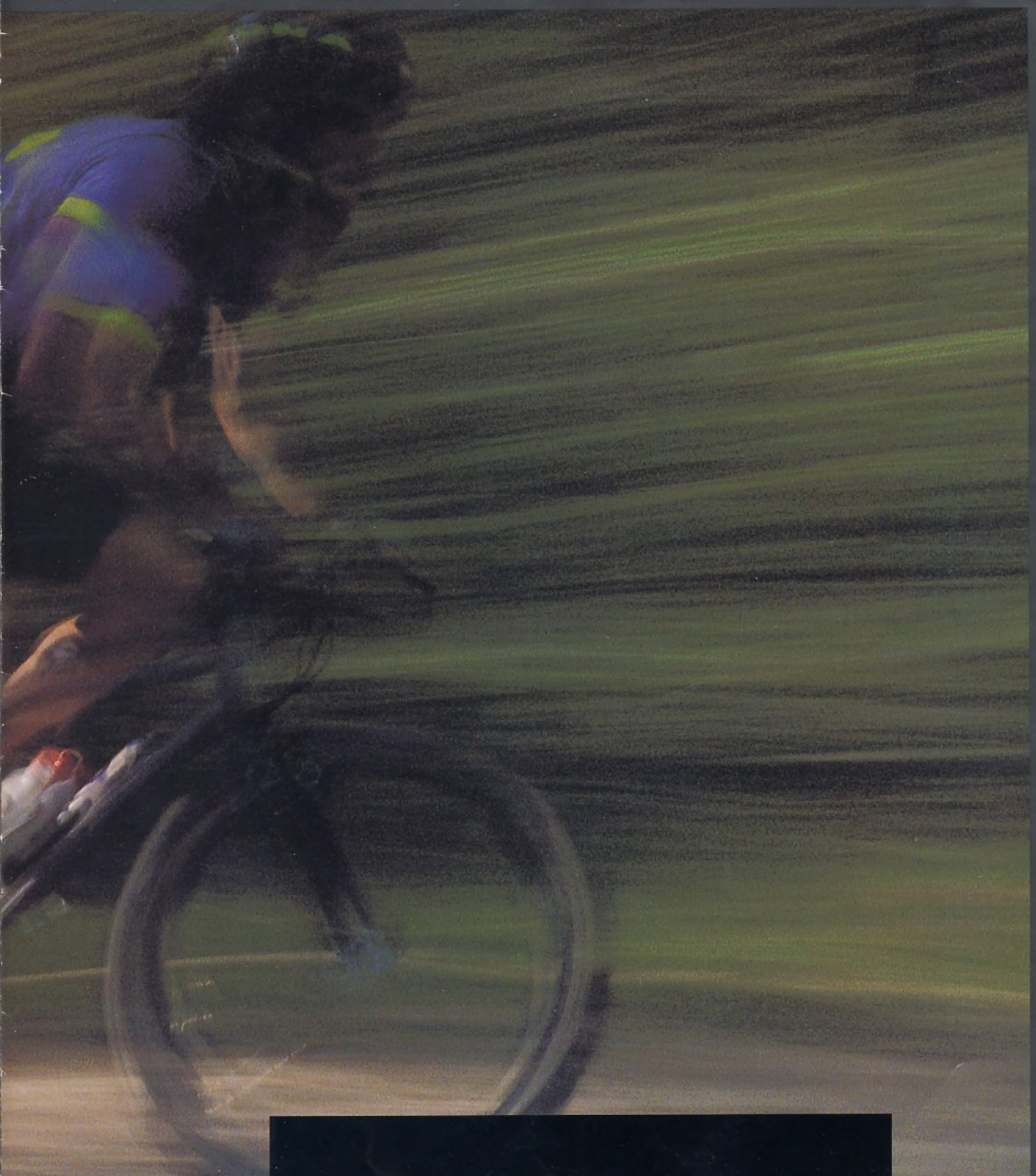
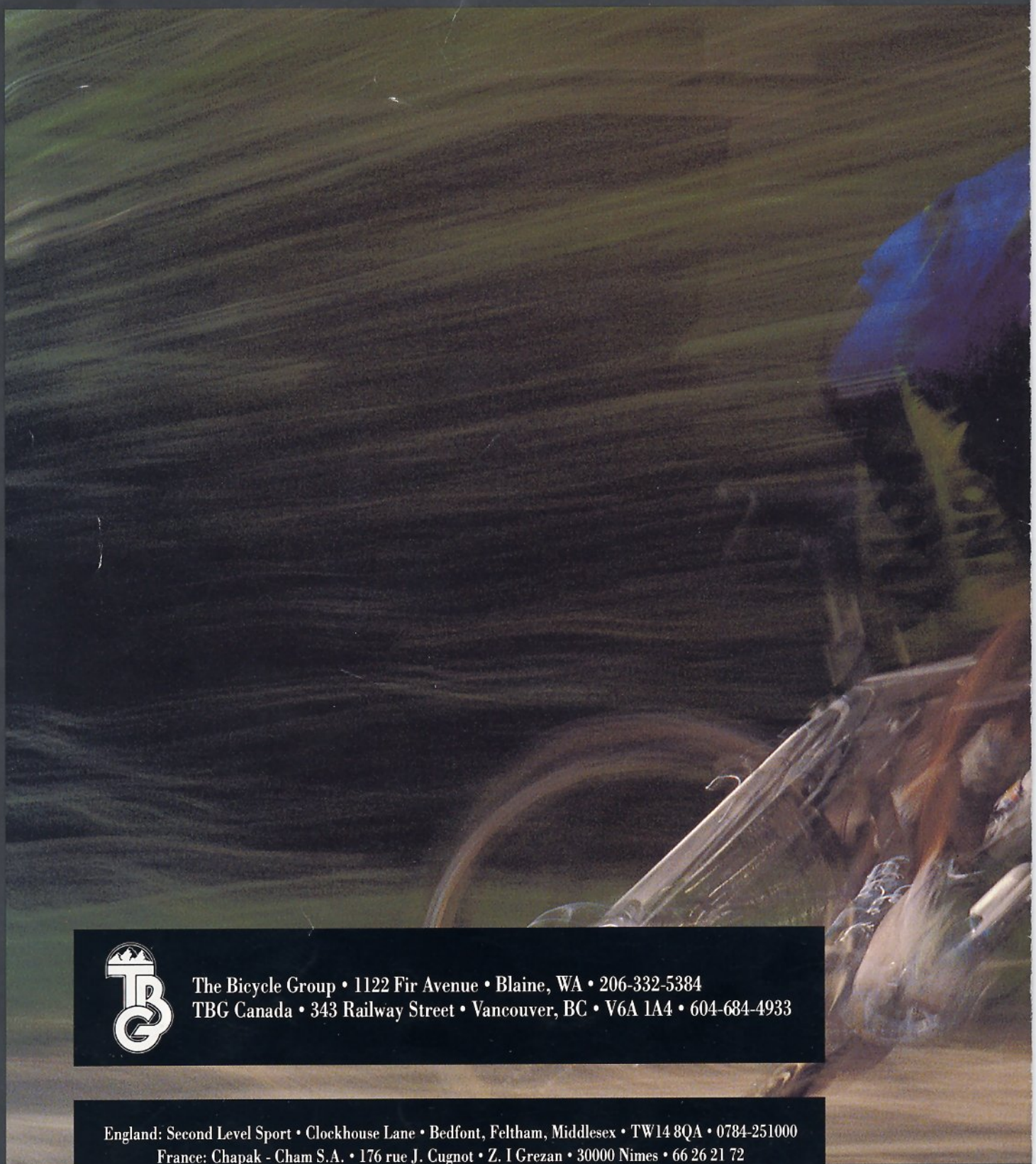
KONA



# 1991 MOUNTAIN BIKES

# KONA



The Bicycle Group • 1122 Fir Avenue • Blaine, WA • 206-332-5384
TBG Canada • 343 Railway Street • Vancouver, BC • V6A 1A4 • 604-684-4933

England: Second Level Sport • Clockhouse Lane • Bedfont, Feltham, Middlesex • TW14 8QA • 0784-251000
France: Chapak - Cham S.A. • 176 rue J. Cugnot • Z. I Grezan • 30000 Nimes • 66 26 21 72
Germany: Jorg-Peter Fricke Radsport International • Breite Str. 24 • D-3300 Braunschweig • 0531-41270
Italy: Pats • Via Regaldi 10/A • 10154 Torino • 011-284472
Japan: Deki Bicycles • 17-2-1 Sakurano-Cho-Nishi • Sakai-City • Osaka • 0722-38-1881
Japan: Tokyo San Esu • 7-1, Ueno 3-Chome, Taito-ku • Tokyo • 03-834-2041
Switzerland: Via Handels • Worbstrasse 233 • 3073 Gumligen • 031-526333

DESIGNFRONT
Printed in Canada

# KONA

## SPECIFICATIONS

| | KONA HAHANNA* | KONA FIRE MOUNTAIN | KONA LAVA DOME | KONA CINDER CONE |
|---|---|---|---|---|
| FRAME | Kona Cromoly | Kona Cromoly | Kona Butted Cromoly | Kona Light Butted Cromoly |
| FORK | Joe Murray Project Two Sport | Joe Murray Project Two Sport | Joe Murray Project Two | Joe Murray Project Two |
| HEADSET | Sealed Tech | Sealed Tech | Joe Murray Impact | Joe Murray Impact |
| CRANKS | Shimano 200 LX | Shimano 300 LX | Shimano 500 LX | Suntour XC LTD |
| CHAINRINGS | Shimano Biopace | Shimano Biopace | Shimano Superglide | Suntour Powering |
| BOTTOM BRACKET | Tange with Greasealer | Tange with Greasealer | Tange with Greasealer | Suntour LTD with Greasealer |
| PEDALS | LXT | LXT Racing | LXT Racing Alloy with Joe's Clips | SR Sakae Low Fat with Joe's Clips |
| CHAIN | Shimano Hyperglide | Shimano Hyperglide | Shimano Hyperglide | Suntour Accushift Plus |
| FREEWHEEL | Shimano Hyperglide 13-30 7 Speed | Shimano Hyperglide 13-30 7 Speed | Shimano Hyperglide 13-30 7 Speed | Suntour Accushift Plus 12-28 7 Speed |
| DERAILLEURS | Shimano 200 LX 7 Speed Rapidfire | Shimano 300 LX 7 Speed Rapidfire | Shimano 500 LX 7 Speed Rapidfire | Suntour XC LTD 7 Speed X-Press |
| HANDLEBAR | Kona MTB | Kona MTB | Kona 165 Aluminum | Kona 165 Aluminum |
| STEM | Joe Murray Velocity Sport | Joe Murray Velocity Sport | Joe Murray Velocity | Joe Murray Velocity |
| BRAKES | Shimano 200 LX Low Profile Cantilever | Shimano 300 LX Low Profile Cantilever | Shimano 500 LX Low Profile Cantilever | Suntour XC LTD Low Profile Cantilever |
| HUBS | Shimano 500 LX Cassette | Shimano 500 LX Cassette | Shimano 500 LX Cassette | Suntour XC LTD Cassette |
| RIMS | Araya MP-22 | Araya VP-20 | Araya RX-7 | Ukai UM-17 32 Hole |
| FRONT TIRE | Joe Murray Maximum 26 x 2.2 | Joe Murray Maximum 26 x 2.2 | Joe Murray Maximum 26 x 2.2 | Joe Murray Equilibrium 26 x 2.2 |
| REAR TIRE | Joe Murray Reaction 26 x 2.0 | Joe Murray Reaction 26 x 2.0 | Joe Murray Reaction 26 x 2.0 | Joe Murray Propulsion 26 x 2.0 |
| SADDLE | Avocet Touring | Avocet Racing | Avocet Racing | Avocet Racing I |
| SEAT POST | Kalloy 300mm Alloy | Kalloy SP-242 300mm | Kalloy SP-242 300mm | Kalloy SP-243 300mm |
| COLORS | Magenta or Black | Sajel Blue or Black | Purple or Black | Cinder Gold or Black |
| BRAZE-ONS | Fender, Rear Rack Mounts Two Water Bottles | Fender, Rear Rack Mounts Two Water Bottles | Fender, Rear Rack Mounts Two Water Bottles | Fender, Rear Rack Mounts Two Water Bottles |
| EXTRAS | | | Joe Murray Combo Cage | Joe Murray Combo Cage |
| OPTIONS | | | | |

*Not available in USA*

## GEOMETRY




| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 16" | 70.5 | 74 | 21.75" | 16.75" | 41.5" | 1.65" | 11.5" |
| 18" | 71.0 | 73 | 23.0" | 16.75" | 42.5" | 1.65" | 11.75" |
| 19" | 71.0 | 73 | 23.5" | 16.75" | 43.0" | 1.65" | 11.75" |
| 20" | 71.0 | 73 | 24.0" | 16.75" | 43.7" | 1.65" | 11.75" |

Specifications subject to change without notice.

# KONA

## SPECIFICATIONS

| | KONA EXPLOSIF | KONA XT | KONA HOT* | KONA HEI HEI* |
|---|---|---|---|---|
| FRAME | Tange Prestige Concept | Tange Prestige Concept | Tange Prestige Concept | Titanium Alloy 3-2.5 |
| FORK | Joe Murray Track Two | Joe Murray Track Two | Joe Murray Track Two | Joe Murray Track Two |
| HEADSET | Joe Murray Impact | Joe Murray Impact | Tange Vantage | Tange Vantage |
| CRANKS | Shimano Deore DX | Shimano Deore XT | Suntour XC Pro | Shimano Deore XT |
| CHAINRINGS | Shimano Superglide | Shimano Superglide | Suntour Powering | Shimano Superglide |
| BOTTOM BRACKET | Shimano DX with Greasealer | Shimano DX with Greasealer | Suntour Grease Guard | Shimano XT with Greasealer |
| PEDALS | SR Sakae Low Fat Comp with Joe's Clips | SR Sakae Low Fat Comp with Joe's Clips | Suntour Grease Guard with Joe's Clips | Shimano Deore XT Clipless |
| CHAIN | Shimano Hyperglide | Shimano Hyperglide | Suntour Accushift Plus | Shimano Hyperglide |
| FREEWHEEL | Shimano Hyperglide 12-28 7 Speed | Shimano Hyperglide 12-28 7 Speed | Suntour Accushift Plus 12-28 7 Speed | Shimano Hyperglide 12-28 7 Speed |
| DERAILLEURS | Shimano Deore DX 7 Speed Rapidfire | Shimano Deore XT 7 Speed Rapidfire | Suntour XC Pro 7 Speed X-Press | Shimano Deore XT 7 Speed Rapidfire |
| HANDLEBAR | Kona 165 Aluminum | Kona 165 Aluminum | Kona 150 Titanium | Kona 150 Titanium |
| STEM | Joe Murray Velocity | Joe Murray Velocity | Joe Murray Velocity | Joe Murray Velocity |
| BRAKES | Shimano Deore DX Low Profile Cantilever | Shimano Deore XT Low Profile Cantilever | Suntour XC Pro Low Profile Cantilever | Shimano Deore XT Low Profile Cantilever |
| HUBS | Shimano Deore DX Cassette | Shimano Deore XT Cassette | Suntour Grease Guard Cassette | Shimano Deore XT Cassette |
| RIMS | Ukai UM-17 32 Hole | Ukai UM-17 32 Hole | Araya RM-17 32 Hole | Araya RM-17 32 Hole |
| FRONT TIRE | Joe Murray Equilibrium 26 x 2.2 | Joe Murray Equilibrium 26 x 2.2 | Joe Murray Equilibrium Kevlar | Joe Murray Equilibrium Kevlar |
| REAR TIRE | Joe Murray Propulsion 26 x 2.0 | Joe Murray Propulsion 26 x 2.0 | Joe Murray Propulsion Kevlar | Joe Murray Propulsion Kevlar |
| SADDLE | Avocet Racing I | Avocet Racing I | Avocet Racing II | Avocet Racing II |
| SEAT POST | Kalloy SP-4130 Cromoly | Kalloy SP-4130 Cromoly | Suntour XC Comp | Shimano Deore XT |
| COLORS | Deep Purple or Black | Black | Most Dupont Imron | Kohanna |
| BRAZE-ONS | Fender, Two Water Bottles | Fender, Two Water Bottles | Two Water Bottles | Two Water Bottles |
| EXTRAS | Joe Murray Combo Cage | Joe Murray Combo Cage | Joe Murray Combo Cage | Joe Murray Combo Cage |
| OPTIONS | Top Mount Shifters | Suntour XC Comp Top Mount Shifters | Shimano Deore DX Shimano Deore XT Suntour XC Comp Top Mount Shifters | Suntour XC Pro Top Mount Shifters |

*Not available in Canada*
*UK: Frameset Only*

*UK: Frameset Only*

Your dealer: Madgetts Cycles 0379 650412.

## GEOMETRY




| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 16" | 70.5 | 74 | 21.75" | 16.75" | 41.5" | 1.65" | 11.5" |
| 18" | 71.0 | 73 | 23.0" | 16.75" | 42.5" | 1.65" | 11.75" |
| 19" | 71.0 | 73 | 23.5" | 16.75" | 43.0" | 1.65" | 11.75" |
| 20" | 71.0 | 73 | 24.0" | 16.75" | 43.7" | 1.65" | 11.75" |

Specifications subject to change without notice.

# KONA HAHANNA



## INNOVATIVE DESIGN. MULTI-PURPOSE FUN.

Most companies lavish all their time and attention on a top of the line model, then expect you to believe the "trickle-down theory" of perfomance. Not KONA. Every bicycle shares the same design philosophy, including our multi-purpose on-off road vehicle, Hahanna (means "hot" in Hawaiian). Joe Murray's sloping top tube performance geometry. Project Two Sport fork. Maximum/Reaction tires. Velocity Sport stem. Greasealer bottom bracket. Shimano 200 LX component group with cassette hubs. It's a hot performance package with all of the up to date technology to make your fat tire riding the most fun you've ever had.

# KONA FIRE MOUNTAIN

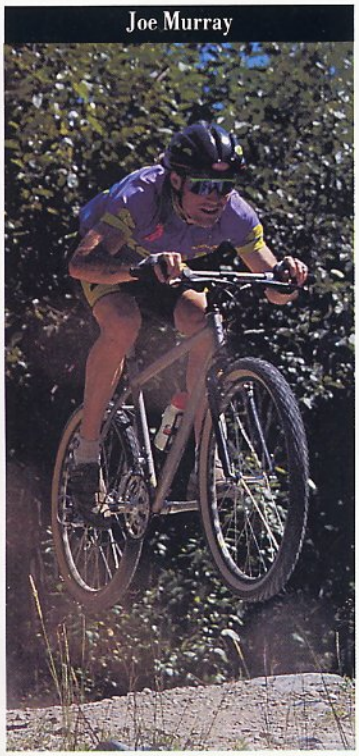


## OUTSTANDING PERFORMANCE. ENTRY LEVEL PRICE.

The Fire Mountain demands and deserves to be ridden hard. Joe Murray's performance geometry on a cromoly frame with Project Two Sport fork will give you the confidence to ride stronger than ever before. We firmly believe that no other company makes a better *real* mountain bike in this price range. The component package includes Shimano 300 LX component group with cassette hubs, Maximum/Reaction tires, Velocity Sport stem, and Greasealer bottom bracket. We know you'll be a believer, too!

# THE IMP

Joe Murray



## JOE MURRAY

### WINNING RACER. WINNING DESIGNS.

Joe Murray has been racing and defeating the world's best mountain bike racers for 10 years, longer than any other competitor. With over 75 victories and two NORBA National Championships, his outstanding achievements in the sport were recognized with his induction as an original member of the Mountain Bike Hall of Fame in 1988.

During this time, Joe has created over 50 original frame and component designs, drawing on his experience as a racer, and his working relationship with some of the world's leading frame and component makers to develop innovative and intelligent designs for the Bicycle Group.

## THE BICYCLE GROUP

### THE COMPANY.

Most bicycle companies are driven by marketing ambitions that list world domination and the bottom line as their ultimate goal. Not The Bicycle Group. TBG is a company of partners and associates who have an extensive range of experience in the sport and business of cycling. Based for many years in the Pacific Northwest, we have been serving a clientele that demands the right cycling equipment for extreme weather conditions. As specialists in mountain bikes since 1981, we have a working understanding of the development of fat-tire bikes at all levels.

## SLOPING TOP TUBE FRAME

### GOOD REASONS FOR A GOOD DESIGN.

Joe Murray didn't invent the sloping top tube. The design has been around for over 100 years. But he adapted and refined and tested and raced the design with so much success that almost every bicycle company in the world offers one or more sloping top tube mountain bikes in their line.

It makes sense. Clearance and stand over height is greater. The frame is smaller and lighter. With a shorter seat tube, there is less flex at the bottom bracket, the rear triangle is tighter and smaller, and the acceleration is significantly improved.

Impact Headset



## KONA LAVA DOME



### RACE MACHINE. READY TO FLY.

Joe Murray set out to design the most affordable and best performing true race machine.The Lava Dome. It's an unqualified success. Racing geometry. Kona double-butted tubing. Project Two fork. Race components and accessories by Joe Murray: Impact headset, Maximum/Reaction tires, Velocity stem, Kona 165 aluminum bar, Joe's Clips, Combo Cage and Shimano 500 LX component group. You'll be proud to fly with the Lava Dome at the races.

## KONA CINDER CONE

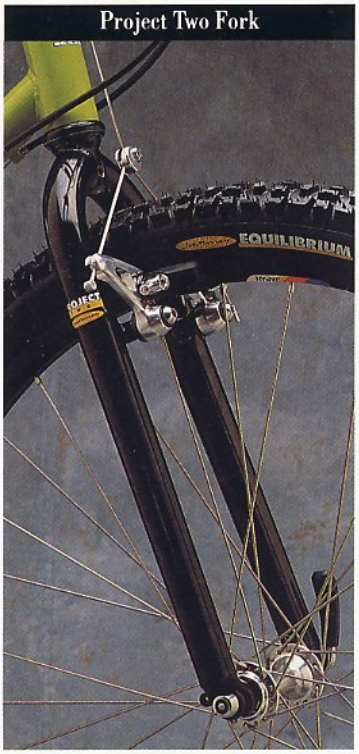


### HOT TUBES. HOT RIDE.

The Cinder Cone takes advantage of bicycling's best value in a mountain bike component group: Suntour XC Limited. A worthy successor to the popular XCD group, XC LTD is often found on bicycles priced almost twice as high. Joe Murray's sloping top tube performance design uses the lightest Kona butted cromoly tubing and Project Two fork. Combined with the outstanding Equilibrium/Propulsion tires, and Joe Murray's performance component package, the Cinder Cone is a flaming hot ride!

# ORTANCE

Project Two Fork




## JOE MURRAY IMPACT HEADSET

### ELEMENTARY STRENGTH.

A headset is not a complicated part of a bicycle. Very simply, it must be strong in the lower race and easy to adjust. Most headsets require expensive tools and fussy adjustment. The Impact can be adjusted by hand and secured with a simple 5mm allen key. The lower ball bearings are 1/4", much stronger than standard 5/32" bearings used in other headsets. Combined with the longer head tube created by Kona's sloping top tube frame, the Impact headset will last longer than any other "revolutionary" headset made.

## JOE MURRAY PROJECT TWO FORK

### THE PROFESSIONAL CHOICE.

Next to the frame, the front fork is the most important in determining riding performance. That's why 7 of the top 30 men and women from 5 different professional teams use the Project Two fork. Re-designed for 1991, the P2 is better than ever. With larger diameter taper guage cromoly blade, the Project Two fork provides exceptional torsional strength, steering and comfort.

## JOE MURRAY TRACK TWO FORK

### SHARP CUT. SMOOTH RIDE.

The evolution of mountain bike forks continues with Track Two. Also re-designed for 1991, it features a lighter and stronger T6 6061 aluminum crown, providing extra strength where it's needed. The first triple butted fork blade for mountain bikes is joined to a beautiful investment cast dropout. It's a beautiful balance of light weight, torsional strength, stability and comfort. Specifically designed for the punishing rider, the Track Two fork has clearance for the fattest tires made, and allows for replacement of both blades.

Track Two Fork



## KONA EXPLOSIF

### COMPLETE HIGH PERFORMANCE RACE PACKAGE.

The Explosif has quickly and quietly gained a reputation as the limited production bike that rides like a hand built. It starts with the best heat-treated mountain bike tubing: Tange Prestige Concept. Original in it's thin wall, specially shaped design, it is remarkably strong, rigid and light. Joe Murray's Track Two fork adds another dimension of strength, stability, and steering. To the frame are added Joe Murray designed Equilibrium and Propulsion tyres, Velocity stem, Impact headset, and Joe's Clips. A component choice of either Shimano Deore DX, XT or Suntour XC Comp all with a top mount shifter option enables you to choose the ultimate race bike to suit your pocket and riding style.




## KONA BLACK

### CLASSIC BLACK.

Every Kona mountain bike is available in Black, in addition to it's stock color. All of our tires have black skinwalls, too. There is an undisputable elegance to a color who's simplicity incorporates every other color. Combined with black chrome Project Two and Track Two forks you have the best designed and the hottest looking bike in the dirt or on the streets. Kona have redefined the term "Classic Mountain Bike".




# OF GOOD

Equilibrium/Propulsion Tires



## JOE MURRAY EQUILIBRIUM/ PROPULSION TIRES

### A PERFECT MATCH.

Mountain bike tires have to work together. Equilibrium 26 x 2.2 on the front, combined with Propulsion 26 x 2.0 on the rear, work beautifully. Equilibrium is designed to absorb maximum shock, improve stability, and provide confident steering. Propulsion's V-shape tread accelerates and climbs efficiently. Both made with the highest quality casing in the world, available in Kevlar bead (600 grams) or Steel bead (650 grams).

## JOE MURRAY MAXIMUM/ REACTION TIRES

### THE ORIGINAL PAIR.

Maximum/Reaction was the first pair of matching mountain bike tires, pioneering the concept for Equilibrium/Propulsion. Maximum 26 x 2.2 front tire is comfortable, provides predictable steering. Reaction 26 x 2.0 rear tire has a wide center band of knobbies for excellent acceleration and climbing characteristics. Available in Kevlar bead (625 grams) and Steel bead (675 grams).

## JOE MURRAY VELOCITY STEM

### STRONG DIRECTION.

Riders who demand high performance from their bike and body need the right link between the frame and the handlebar. Joe Murray's Velocity stem is a low profile design, primarily designed for racing and training, The quill is 1" longer than other stems, allowing adjustment for higher riding positions. The new slotted cable guide enables quick cable maintenance and adjustment.

Maximum/Reaction Tires



## KONA HOT

### AMERICAN CRAFTSMANSHIP. INCREDIBLE VALUE.

It *is* possible to quantify the difference between an individually hand-crafted mountain bike frame and a production bike. It *is* worth the wait for an American built frame for those who understand and ride mountain bikes to the limit. Kona Hot is the collaboration of Joe Murray and one of America's most experienced and respected mountain bike builders. It takes advantage of Tange Prestige Concept tubing, and is TIG welded for strength and light weight. Kona Hot features Suntour's *hot* new XC Pro "Grease Guard" component group. In addition, Kona's custom selection of colors, braze-ons, component groups, and component options let you create the bike of your dreams.



## KONA HEI HEI

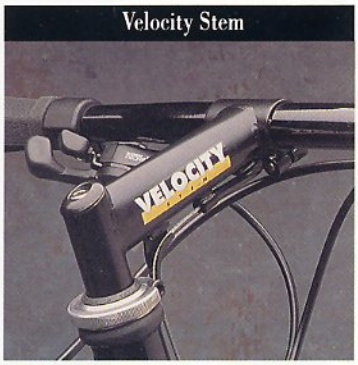
### THE RACE OF YOUR LIFE. ON STRATEGIC METAL.

Joe Murray has been designing and racing titanium mountain bikes from the beginning. He has proven the reliability and performance of titanium with four successful years of racing. It's only natural that he would design a completely new Kona team race machine that is all his own. Titanium alloy is the ideal material for a mountain bike, stronger than the best cromoly steel, lighter, more comfortable and efficient than aluminum. Made in the USA with aircraft quality titanium alloy, the Hei Hei (means "Race" in Hawaiian) is the ultimate in high-technology mountain bike racing performance.

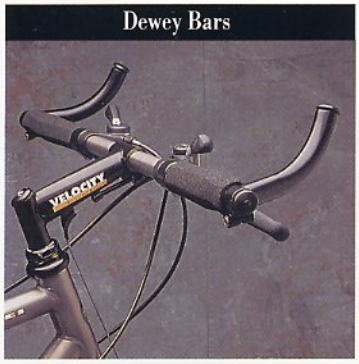


# DESIGN

Velocity Stem




Dewey Bars




## KONA HANDLEBARS

### THE WEIGHT FACTOR.

Lighter than the lightest heat-treated cromoly handlebar, aluminum (165 grams) and titanium (150 grams) provide weight savings of 100 to 200 grams while being more forgiving to tired arms, necks and backs.

## DEWEY BARS

### LOGICAL EXTENSION.

Racers crossing over from off-dirt competition have sought in vain for a position that matches their road bikes. Dewey bars are handlebar extensions that provide the most efficient position for climbing and flat-out power.

## GREASEALER BOTTOM BRACKET

### GREASE INJECTION SYSTEM.

Every Kona mountain bike has a bottom bracket that can be greased without dismantling. Simply pump two or three times with your grease injector through the grease port located under the bottom bracket.

## JOE'S CLIPS

### COMFORT IN THE POWER ZONE.

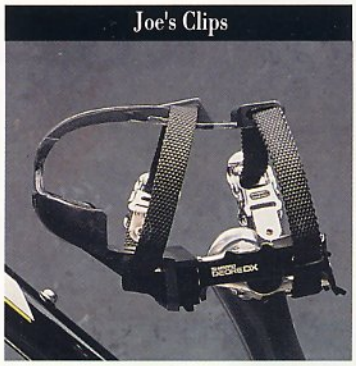
The first ergonomically designed toe clip system, Joe's clips have a wide platform and a specially shaped toe box to give full support. Foothold and shoe position can be fine tuned with two toe straps. Toe flips allow easy pedal access.

## JOE MURRAY COMBO CAGE

### ESSENTIALS.

Don't leave home without a fully stocked Combo Cage.
This original design carries a water bottle, patch kit and tire levers in one simple and neat package, easily mounted and reached on the Kona down tube braze-on fittings.

Joe's Clips



Combo Cage

