

A CLUMP OF BIKES

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KONA DESIGN TEAM _

During the last couple of years, the fascination and enthusiasm for the New School of off-road riding has exploded _ It started out of our home trails on the North Shore Mountains of BC _ Many companies have tried to associate themselves with this hotbed of Out of Bounds riding, some have even ventured to register the name as a trademark in hopes that it would make them appear to be in touch with the new breed _ Fact is, Kona people have been riding the North Shore trails for the past 20 years and using it as the bottom line test for reliability since we started making bikes in 1988 _ These days we're being praised for carefully building strong and durable machines with a balanced ride when before, the same bikes were just considered heavy by the skeptics _ Thing is, the new breed of riders have raised the bar for bike performance and we've always believed in being right there with them _ Now you might wonder what this Kona Clump thing is all about and think we've just moved off in a weird tangent _ What we've always liked to keep in mind is that while you need to understand the science and technology behind the design and materials, it's even more important to keep in touch with the organic nature of just plain riding _ There has never been an inventor who can come up with a concept and turn it into the greatest bike since the wheel was invented _ The Kona way is to use the whole Clump of people that work here to really understand what works and why it works _ To put the pieces together we have the Kona Design Team and this is who they are _

PADDY WHITE

THE BEAR _

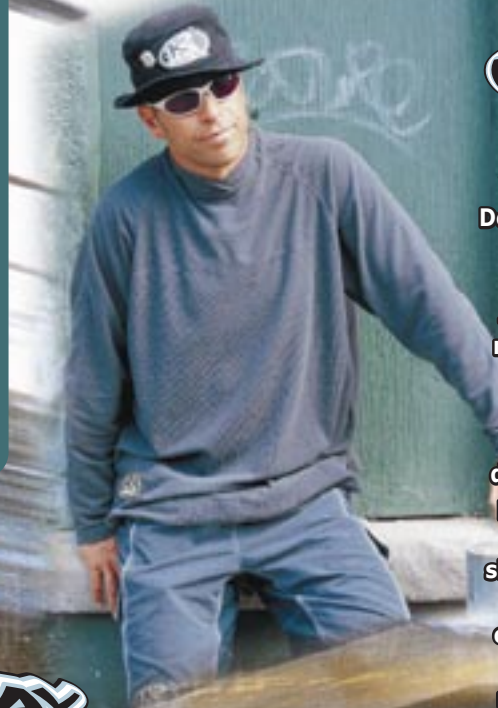
Lot of people call Paddy The Bear because he can get real grumpy sometimes _ Paddy hails from Wyoming and heads up the Kona Design Clump because no one else wants to do it and he's real good at it _ Paddy is a damn fine bike handler who's raced a lot of downhill _ When he rode the track people knew to stay out of his way in the miss and out _ hell of a motocross rider too _ never seen anyone who can eat as much salted licorice as The Bear _ his favorite trail is Devil Cross on Galbraith Mountain _



DR DEW

THE DIRTY DR _

Well you can call him Dewey or Dr. Dew _ he's the guy who figures out all the technical drawings from the sketches and thoughts that Paddy, Jake & DJ dump on him _ Dew was real good at math in school, when it came time to start drafting on a computer about 10 years ago, he taught himself how to run a CAD drafting program on his own _ there probably isn't anything that Dewey can't ride... water skis, tele skis, skateboard, the other day he came in carrying an old woody ski with a couple of skate trucks mounted and started ridin, it around the neighborhood _ whoeee that was a sight when Dewey cruised down Main on the longboard wearing that funky brown coat he found in a dumpster over top of his shorts, gumboots and a 3 color beanie _ his favorite trail is Smoke's on Seymour _



CLAY

HIS DAD CALLS HIM JACK _

Clay's a homeboy, grew up in B'ham, Washington riding BMX dirt & track all day long _ well he grew up smart got a degree in science & technology at the U and learned a lot of really cool stuff _ like stress corrosion occurs by galvanic action _ which led to a dream job straight outta college designing lotsa cool BMX frames 'n parts _ Clay's stuff is all over the Kona BMX bikes and sneakin' into the rest of the bikes too _ didja notice his cromoly bulge crank on the Stab Primo _ his favorite trail is Double Black Diamond on Chuckanut Mountain _



HEART OF KONA

SLOPING TOP TUBE

The essential element of Kona frame design _ Tighter rear triangle = better acceleration _ Superior main frame modulation _ Stronger head tube area _ More standover clearance and maneuverability _ It's why the Kona ride is recognized as the most balanced & efficient ride in the business _ 13 years later, the design we pioneered is now the standard for almost every mountain bike made _

4 - BAR LINKAGE REAR SUSPENSION

4 links for high torsional rigidity and longer bearing/bushing life _ Shock function is affected by weight, force and gravity - not by pedalling forces _ With homework and testing it was evident the 4-Bar concept was the way to deliver a truly balanced & efficient ride _ By continuously refining testing and adapting 4-Bar, we're able to use this proven design as the basis for Kona Cross-Country, Downhill, Dual Slalom and Out of Bounds machines _

REINFORCED HEAD TUBE

Kona sloping top tube allows a longer head tube _ Distributes fork load over a greater area _ Fork, headset and frame maintain strength and integrity _ Long travel suspension forks ramp up that load so Kona headtubes have an expensive CNC machined reinforced area both top and bottom _

COLD-FORGED YOKES, DROPOUTS & ROCKER ARMS

They add strength and durability to combat the powerful forces exerted on the rear suspension system _ Torsional rigidity is considerably superior as a result and critical to the efficient use of rear suspension _

DISC BRAKE MOUNT

Discs run vastly higher forces on a frame compared to a rim brake _ Kona disc tabs are integrated in the forged dropout not added on as a useless sales feature _ Any Kona with a disc tab has a reinforced chainstay - standard stays cannot handle the increased force of a disc brake _

K-NINE IS KONA'S GROUP OF TECHNICAL CLOTHING, PROTECTIVE WEAR, PACKS & BAGS _ WE BELIEVE THAT BIKE CLOTHING & GEAR SHOULD BE CONSIDERED AS FUNCTIONAL EQUIPMENT, NOT FASHION ACCESSORIES. OUR MISSION IS TO DESIGN, DEVELOP, TEST AND MAKE K-NINE HARDWEAR IN SAME WAY THAT WE MAKE OUR BIKES

www.konaworld.com/knine.html



METAL SPECIFICATIONS

Our frames may be copied but that's not the whole story _ The Kona ride is set apart by the design and the careful choice of frame materials and specifications to match the intended use of the bike _ It's not enough to buy steel, aluminum or titanium from a catalog _ The process in creating a great ride relies on intelligent selection of materials, alloy, the location and type of taper and butting _ Followed by intensive machine and road testing by the Kona Clump before we start making anything _ See the 2001 Kona Technical Information booklet if you want to know everything _ www.konaworld.com/2001techarea.html



2001

TECHNICAL INFORMATION