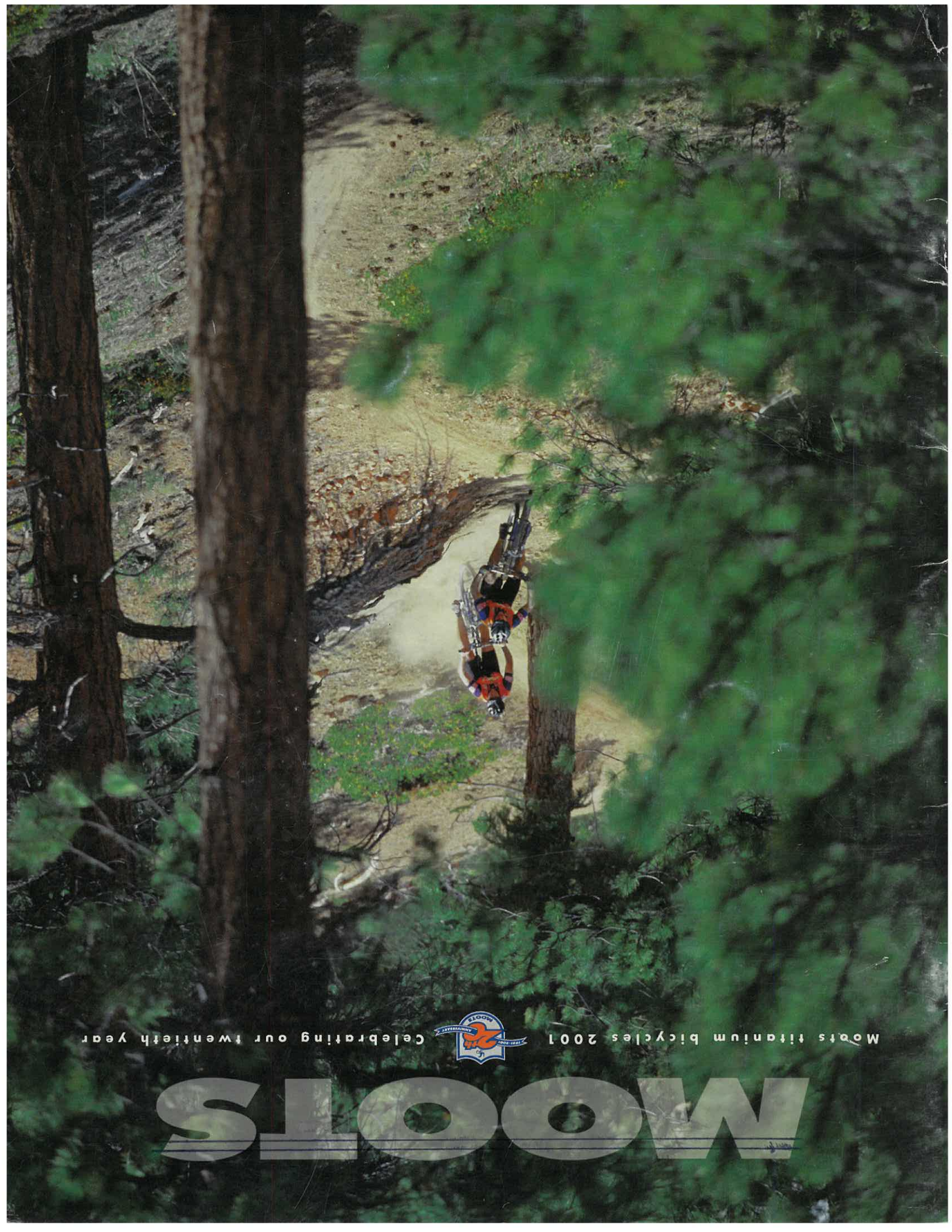




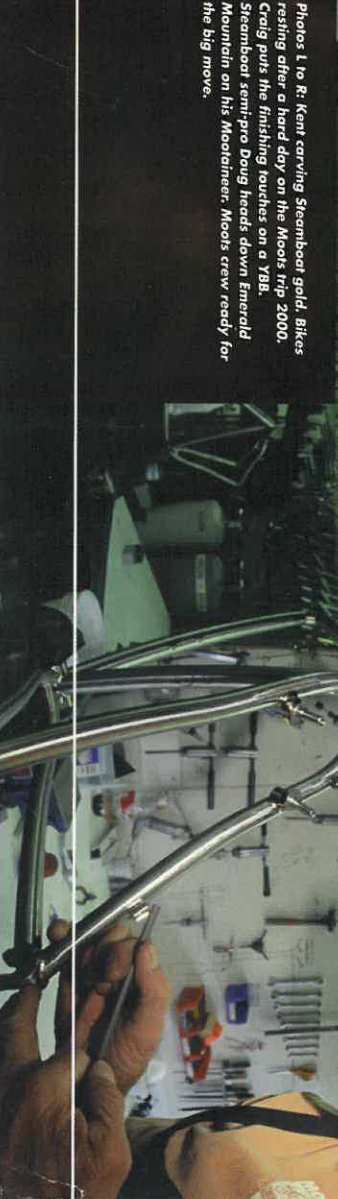
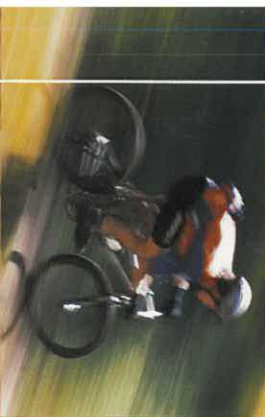
Moos titanium bicycles 2001 Celebrating our twentieth year



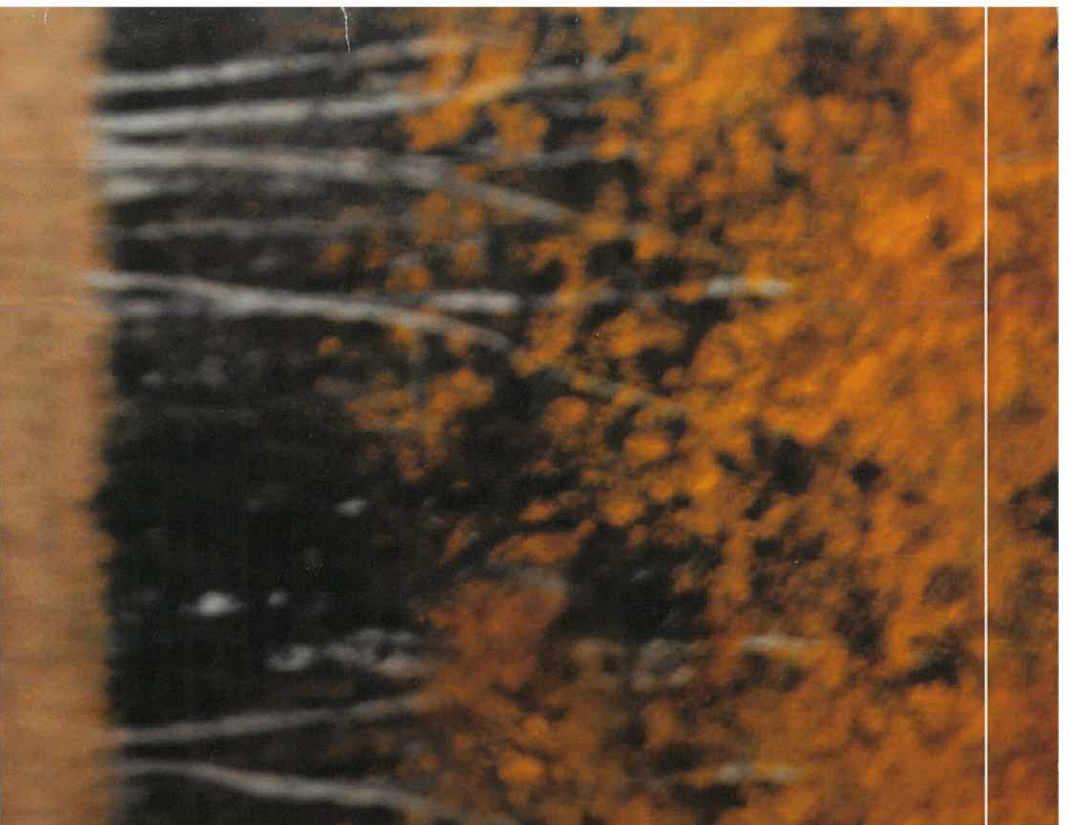
MOOS



Moots turns twenty



Photos L to R: Kent carving Stearnbear gold, Bites resting after a hard day on the Moots trip 2000. Craig puts the finishing touches on a Y&B. Stearnbear semi-pro Doug Heads down Emerald Mountain on his Montaineer. Moots crew ready for the big move.



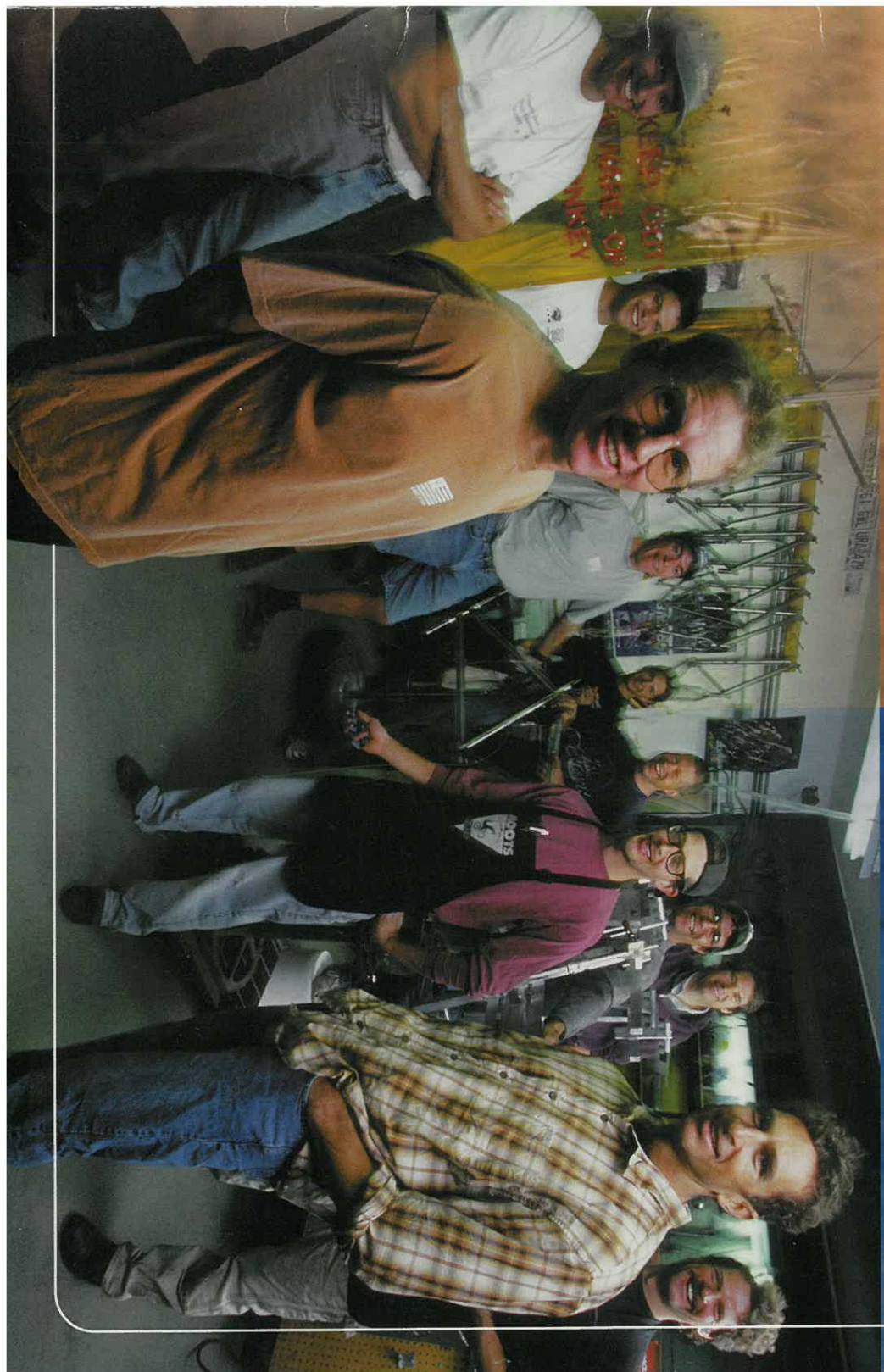
It was twenty short years ago that Moots was born. Kent Eriksen decided to start building bike frames because he couldn't buy what he really needed...a bike to ride the game trail that led to his home which, at the time, was a tree house in the woods surrounding Steamboat Springs. Now, 1981 might not seem like such a long time ago, but as far as mountain bikes are concerned, it was the beginning... the big bang.

For the first ten years we built innovative steel frames. Working with steel, Kent refined sweeping bends on seatstays and chainstays. Mitering, jig building, geometries and alignments were dialed. Today you can still see these bikes being ridden around town by the locals who have owned them for up to two decades. Then came the YBB and with it our switch to titanium.

We have always let the product speak for itself. Whether it is the perfect welds, the precise alignments, the incredible handling, the perfectly prepared frames or the beautiful finish, we are confident ours is the best line of titanium frames money can buy. Over the last few years Moots has quietly watched as the rest of the industry has adopted both our softail designs and our full suspension swing-arm designs... building versions of their own. We accept this as a sign of respect.

So what does the future hold for Moots? For 2001 we're as ambitious as ever. New designs like the Smoothie, our new stem and new Moots designed tubing give you a better selection and better quality. We are currently building a new factory here in Steamboat Springs that will triple our floor space and allow us to comfortably increase production at a rate that places quality, and our customers, first. By the time you read this we'll be moving in.

We're proud of what we've become and are excited to know that now, more than ever, riders are turning to Moots for the world's finest Titanium bikes.



Hand built one at a time, right

When Kent first opened the doors to Moots back in 1981 little did he know he was laying the foundation for what twenty years later would become the producer of the finest, hand-crafted titanium bicycles in the world.

Kent arriving in Steamboat and putting down roots was an example of serendipity at its finest. And we think it has totally shaped the evolution of our bicycles. Then again, when you have unlimited access to the finest singletrack Mother Nature has to offer a little natural selection is going to happen. That's precisely the reason why a Moots rides and handles like a Moots. Perfection.



Manufacturing in a mountain town is a challenge we love. Materials are shipped from all four corners of the U.S. and when we are done bending, machining, welding and finishing this raw stock into a rolling piece of art we then ship it out to all four corners of the world. This year Moots is moving into our dream factory, just about a mile from sweet singletrack and epic road rides. What could be better than to have a state of the art factory space in a perfect slice of riding heaven? Maybe a little more saddle time?

Materials All of our models use size specific geometry and tubing that takes full advantage of the great ride quality of our CWSR Pi-Tech tubeset. Our

tubesets utilize gauges from .023"-.083" and diameters ranging from 5/8" - 1-3/4" allowing us to tune the ride of each size bike. Through two decades of building custom bikes we have developed our size specific CWSR Pi-Tech tubeset for our stock frames. Why Pi-tech? Well, you surely know that there are a lot of shaped tubes in the world these days and they're available to us as well. We have found that starting with the highest quality thin gauged round tubing and then subtly ovalizing it allows us to get the perfect ride.

Wonder why we choose straight gauge tubing for our frames? You hear a lot about various manipulations to what started as a round straight gauged tube. Our extensive experience as builders and riders has shown us that choosing the correct diameter and gauge gives us a bike that is lighter, stronger and rides better. The trick is using the highest grade thin-walled tubes and manufacturing the frame using precise methods of mitering, subtle ovalizing, cleaning and welding. Any tube you see that is shaped or butted is altered from the tested material the mill produces. Which is better? Take a ride... then decide.

Riding is all about feel. Whether it means carving through the woods and meadows on some sweet singletrack or rolling smoothly over the blacktop, when it feels right... you know it. From a framebuilder's perspective there are a lot of things that go into making the bike feel just right. Balance is a key word in the Moots philosophy of design. It's a subtle blending of stiffness, liveliness, comfort and lightweight that gives a Moots the perfect feel. Also important is the balanced weight distribution achieved through the exact sizing from our stock and custom frames and stems. On customs we can match a rider's technique, size, specific fit needs and type of riding to find this balance. Give us a call and talk to one of our experts.



Dave sends some chips flying.



**Team Jerseys, Team Shorts, Team Bib Shorts, Wind Vests,
Rain Jackets, Arm Warmers, Cycling Caps, Baseball Caps,
Winter Jackets, T-Shirts, Shop Aprons, Courier Bags, Saddles
& More.**



Tail Gator

This rack and pack combo is perfect for packing a few essentials for that 70 mile adventure.

The rack is made from the same quality 3/2.5 CWSR titanium tubing and a CNC machined 7075 aluminum clamp to fit a large variety of seatpost sizes. The pack is produced by Fat Eddy's Threedom.

Works right here in Steamboat Springs. There is a top pack - the primary pack - with an expandable top and a hypalon bottom for water resistance and durability. The bottom pack - also with a hypalon bottom - gives you even more volume when you need it. Both packs easily slide on or off.

Rack weight - 150 grams

Bag colors - black, forest green

Recommended carrying capacity: 5 lbs.

Seat posts

Where some manufacturers lathe their tubes to the proper diameter, we use cold worked, stress relieved 3/2.5 tubes made to our specifications to provide us with the strongest possible material. We use heavier tubes for our long posts and lighter tubes for our small posts so you get extra strength where you need it.

Moottus seat posts feature a unique one-piece clamp that surrounds the rail holder, offering infinite seat angle adjustability, light overall weight and superior strength. We knurl the inside of our welded-on clamp and rail holders to prevent slipping. Completing the posts are two dichromate bolts - the strongest we can buy - that resist rust and are durable enough for repeated adjustments and heavy abuse.

Our posts come in two styles...straight and laid-back. The straight version will be favored by those who prefer a normal to forward position. The laid-back post will serve the needs of riders who like more setback. The laid-back version also allows the saddle to be positioned at the center of the rails for better stress displacement for both post and saddle.

Ti seat posts have long been known for their superior damping qualities, their strength and their light weight. The titanium seatposts we build are the finest available today. We recommend you set yourself down on one of the best...ours.

Seat post weights

220cm post - 174 grams

340cm post - 226 grams

Layback seat post

Offers 19mm of layback in 27.2 dia.

and 16mm of layback in 28.6 dia.

Seat posts Straight and Lay Back Version

Diameter	Lengths
26.8"	220, 280, 340, 380
27.0"	220, 280, 340, 380
27.2	220, 280, 340, 380
28.6	230, 280, 340, 380

* Available as straight posts only



Mountain and Road stems

Titanium stems have always been known for their lightweight, tremendous strength and resilient ride, and beginning this year they can be known for stiffness as well. From the mind of Kent Ericksen comes the ultimate titanium stem... the **Ti-Beam**. We begin with a 1-1/2" diameter extension (the same tubing as some of our downtubes), cold work it into an oval and then weld it to a CNC machined titanium plate. The CNC machined aluminum removable face is bolted securely with two 6mm bolts giving you unparalleled strength, stiffness, lightness and versatility in a titanium stem. Oh, and did we mention how beautiful it is? For 2001 this stem will be available in 7 stock sizes for mountain. This spring look for the road version.

Our stock Mountain Stem has been in production for over 6 years. Using an extension material made from CWSR 3/2.5 titanium that starts as a 1-1/4" diameter that is double ovalized through cold working, our stem is lightweight, resilient and bumpproof. Our proprietary dual binder is designed for good knee clearance with smooth machine work throughout.

Over the years, we've noticed that

the need for a custom frame can be circumvented by the use of the

correct size and rise stem.

Therefore, we can build virtually any stem size (25 stock sizes) that you may need. This allows us to perfectly tailor your position on the bike.

Stem weights

Ti-Beam

200grams - 125 x 10"

Stock Mountain

172grams - 130 x 4"

Stock Road

158grams - 120 x 0"

Stock Ahead Mountain 1 1/8"		
Stems		
Length	Rise	
105	-5" 0"	
110		20"
115	-10" -5" 0"	6"
120	4"	10"
125	0"	6"
130	4"	8"
135	0"	6"
140	4"	8"
145	6"	12" 16"
150	4"	8"
Options: Custom stems available		

Stock Ahead Road 1", 1 1/8"		
26.0 handlebar clamp		
Length	Rise	
100	0"	
110	0"	
120	0"	
130	0"	

Stock TiBeam Mountain 1 1/8"		
Removable aluminum face		
Length	Rise	
105	0"	
110	4"	
115	6"	
120	4"	
125	10"	
130	4"	
135	6"	



Handle bars

Take your pick. We've got it: riser bars, braced risers, flat bars (3 lengths and 2 sweeps), and carbon bars. For the lightweight rider that wants a ti riser, we have our new SL riser. This bar is recommended for riders under 145 lbs. Each of our titanium bars is made from the same 3/2.5 CWSR tubing and formed in house, giving you the best selection of ti bars under one roof. The carbon bars are U.S. made and thermo set for superior abrasion resistance, lightweight and strength. Three lengths in our flat ti bars give the fit you need.

Handle bars				
Style	Width	Sweep	Rise	
Ti Standard	21.5", 22", 23"	5, 8"	NA	
SL Ti Riser (not shown)	24.5"	8.5"	1.25"	
Ti Riser	25.25"	8.5"	1.5"	
Ti Braced Riser	26.25"	8.5"	1.5"	
Carbon Standard	23"	5"	NA	

* 8" sweep available on 23" handlebars only





Titanium components

Some have compared our titanium components to fine jewelry. Maybe it's high time you buy that beautiful bike of yours something nice to wear out on the trails.





"Big wheels, big tires... big adventure. This is the ultimate do-it-all machine. From twisty singletrack to flat-out flying on the fire roads, Mooto-X does it all."

Dave M. Rock and Roll, Gunnison

Mooto-X YBB

The Mooto-X is a new take on an old idea. At the turn of the last century - when road surfaces were crappy at best - it took super tall wheels and tires to smooth out the ride. One hundred years later it took a company like Moots to perfect this concept. In the right conditions you'll leave the 26" mountain bike guys in your dust. The tall wheels and huge tires add gear inches - kinda like overdrive for your bike - and roll like a truck over the nastiest terrain. Our YBBeat rear suspension design combines with 700c front suspension to give you a monster sized singletrack machine with handling as fine as our mountain bikes. Mooto-X is the ultimate do-it-all machine. Buy a set of skinny tires for the road and a set of fats for the dirt and you'll be set for life... we promise.



- Replaceable drop out
- Hayes or ISO disc mount
- YBB suspension for added comfort and traction



Frame Size(in)	Effective Top Tube	Seat Tube (c+)	Head Tube Length(cm)	Head Angle	Seat Angle	BB Height (in)	Seat Tube Dia (in)	Down Tube Dia (in)	Top Tube Dia (in)	Chain Stay Length (in)	Stand-over (in)
18	23	18	11.5	71.5	73.25	11.875	1.25	1.563	1.5	17.85	30.75
19	23.5	19	12.7	71.5	73	12	1.25	1.563	1.5	17.85	31.25
20	24.25	20	14.5	71.5	73	12.125	1.375	1.563	1.563	17.85	32

Additional: 1 1/8" headset, 135mm rear spacing, 68mm bb width, English thread, 27.2 seat post (20", 28.6 mm post), 18 & 19", 31.8mm front der. 20" 35mm front der.
Options: Eyebolt (dropouts only), 3rd bottle mount, Cohen's bag, 3rd bottle mount.
Weight: 18" Mooto-X YBBeat - 4.25 lbs. Lifetime warranty on workmanship and materials.
Note: All specs listed measured with partial fork travel.



"When the muck turns to frozen ruts the YBB delivers the perfect ride."

Jon Coriveau, Moots sales guy and cross Nationals racer

Psycho-X YBB Psycho-X

Whether you're at the races or just on an everyday ride, the Psycho-X will take you anywhere you want to go. It's designed to run tires up to 38c in width - with cantilevers or V-brakes - giving you all the stopping power and traction you'll ever need. If you're hungry for a nice slice of singletrack, there's no reason to avoid it on this bike. Set it up with a triple chainring, grab a Forest Service map and head for the hills. Pavement, logging roads and the trails in between are where this bike is meant to be. We recommend the I.F. cross fork for this bike to give you the quality ride you are looking for. The Psycho-X is also available as a rigid (gulp!) frame for you romantic types.



- Replaceable drop out
- Welded on seat post binder
- YBB suspension for added comfort and traction



Frame Size(cm)	Effective Top Tube	Seat Tube (c-t)	Head Tube Length(cm)	Head Angle	Seat Angle	BB Drop (cm)	Seat Tube Dia. (in)	Down Tube Dia (in)	Top Tube Dia (in)	Chain Stay Length (cm)	Front/Center (cm)	Stand-over (in)
50	52.5	50	9.3	72	74.5	5.7	1.25	1.25	1.25	42.3	56.9	29
52	53.8	52	10.1	72.25	74	5.7	1.25	1.25	1.375	42.3	58.1	30
53.5	55	53.5	11.5	72.5	73.5	5.5	1.25	1.375	1.375	42.3	59.41	31.25
55	56.5	55	13	72.25	73.25	5.5	1.25	1.375	1.375	42.3	59.9	32
56.5	57.6	56.5	14.5	73	73	5.5	1.25	1.5	1.375	42.3	60.7	33
58	58.8	58	16	73.25	73	5.5	1.25	1.5	1.375	42.3	61.5	34
60.5	60	60	17.5	73.25	72.5	5.4	1.25	1.5	1.5	42.3	61.9	34.5

Additional: 1" headset, 130mm rear spacing, 68mm bb width, w/ English thread, and 27.2 seat post, top tube cable routing

Options: Custom sizing, down tube cable routing (no charge), eyelets (YBBed - eyelets only on dropouts), 3rd bottle mount

Weight: 55 on Psycho X - 3.3lbs, 55cm Psycho X YBBed - 3.8 lbs
Lifetime warranty on workmanship and materials.



700c Cross and Mountain bikes

Roads, twisty singletrack and everything imaginable in between is where you'll find us at home. Skinny or fat, you'll be rollin', rollin', rollin'...



Someplace between Brian Head and who-knows-where, the Moods crew kicks back.



**"This is the ultimate century or long distance bike.
What the YBB suspension has done for the dirt, this machine
will do for the road - improved comfort and performance."**

Edmund R. Burke, Ph.D., Author of "The Complete Book of Long Distance Cycling"

VaMoots YBB

Designed with the same geometry and exceptional road manners as our VaMoots, the YBB takes it a step further by offering 1" of silky smooth, pivotless suspension travel. On those neglected country roads or pot holed city streets, this 3.4 lb. frame dampens harsh vibrations without robbing your power. Just think how fresh you'll feel after an epic road ride. This bike can easily be built to weigh as little as 18.5 lbs... and still be bullet-proof all day, every day. VaMoots YBBest is the benchmark for suspension road bike performance. In the VaMoots YBBest we have a machine that combines pinpoint handling, superior or lateral stiffness and the light weight of titanium with 1" of supple rear wheel travel for endless miles of total comfort.



- Welded on seat post binder
- Super strong BB area for superior power transfer
- YBB suspension for added comfort and traction



Frame Size(cm)	Effective Top Tube	Seat Tube (c-r)	Head Tube Length(cm)	Head Angle	Seat Angle	BB Drop (cm)	Seat Tube Dia. (in)	Down Tube Dia (in)	Top Tube Dia (in)	Chain Stay Length (cm)	Front/ Center(cm)	Stand-over (in)
48.5	51.8	48.5	9.1	72.5	74.5	7.3	1.25	1.375	1.25	40.5	56.3	28.75
50	52.6	50	9.6	72.75	74.25	7.3	1.25	1.375	1.25	40.3	56.8	29.1
52	53.5	52	10.5	73	74.25	7.1	1.25	1.375	1.25	40.7	57.4	30
53.5	54.5	53.5	12	73.25	74	7.1	1.25	1.375	1.375	40.7	57.31	31
55	55.5	55	13.2	73.5	73.5	7.1	1.25	1.375	1.375	41	58	31.5
56	56.3	56	14	73.5	73.25	7.1	1.25	1.375	1.375	41	58.6	32
57.5	57	57.5	15.5	73.75	73	7.0	1.25	1.5	1.375	41.5	58.9	32.5
59	58	59	17	74	73	7.0	1.25	1.5	1.5	41.5	59.4	33.3
61.5	59.5	61.5	19.5	74.25	72.5	6.9	1.25	1.5	1.5	41.5	60.1	34.25

Additional: 1" headst 48.5cm-52cm, 1 1/8" headst 53.5cm-61.5cm, 1.300mm T/F English thread, 48.5cm bb width w/ English thread, 27.2 seat post, 31.6 mm front der. clamp
Options: Custom Sizing, Aero Sizing, Styling, English, 3rd Bottle Mount, 1 1/8" Reg
Weight: 55cm VaMoots frame - 3 lbs, 55cm VaMoots YBBest - 3 lbs, titanium w/ carry on workmanship and materials



"I first met Kent Ericksen at a mountain bike race in '83 when he supplied me with a bike to race on. Since then I have been buying or begging for his road and mountain bikes."

Andy Hampsten, American road hero

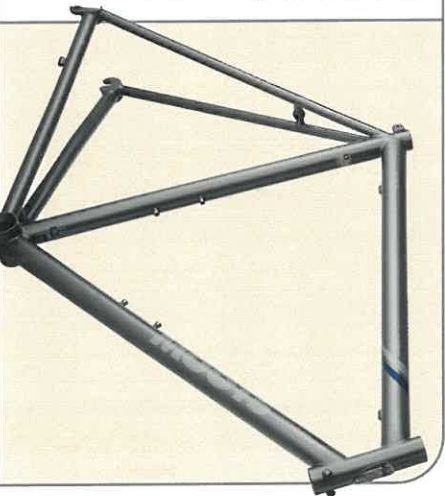
VaMoots

VaMoots 20th Anniversary

If fine framebuilders are artists, then they have long realized their ultimate masterpiece as the road frame. The fine details shine brighter on a graceful machine sculpted for fast smooth rides. At Moots we appreciate the tradition of fine craftsmanship and artistry by producing the VaMoots. You will see the incredible welding and finish. And you'll feel how the subtle ovalizations, bends, size specific tubing and geometries give VaMoots its priceless ride. What you can't see though, are the precise miters, perfect alignments and the dialed in machining that are the hallmark of the framebuilder's craft. By varying the chainstay length, tube dimensions and angles from size to size, the VaMoots has perfect balance in

handling, acceleration and comfort. Let twenty years of road frame craftsmanship show through on your next bike.

- Welded on seat post binder
- Super strong BB area for superior power transfer
- Chameleon paint on 20th Anniversary Limited Edition model



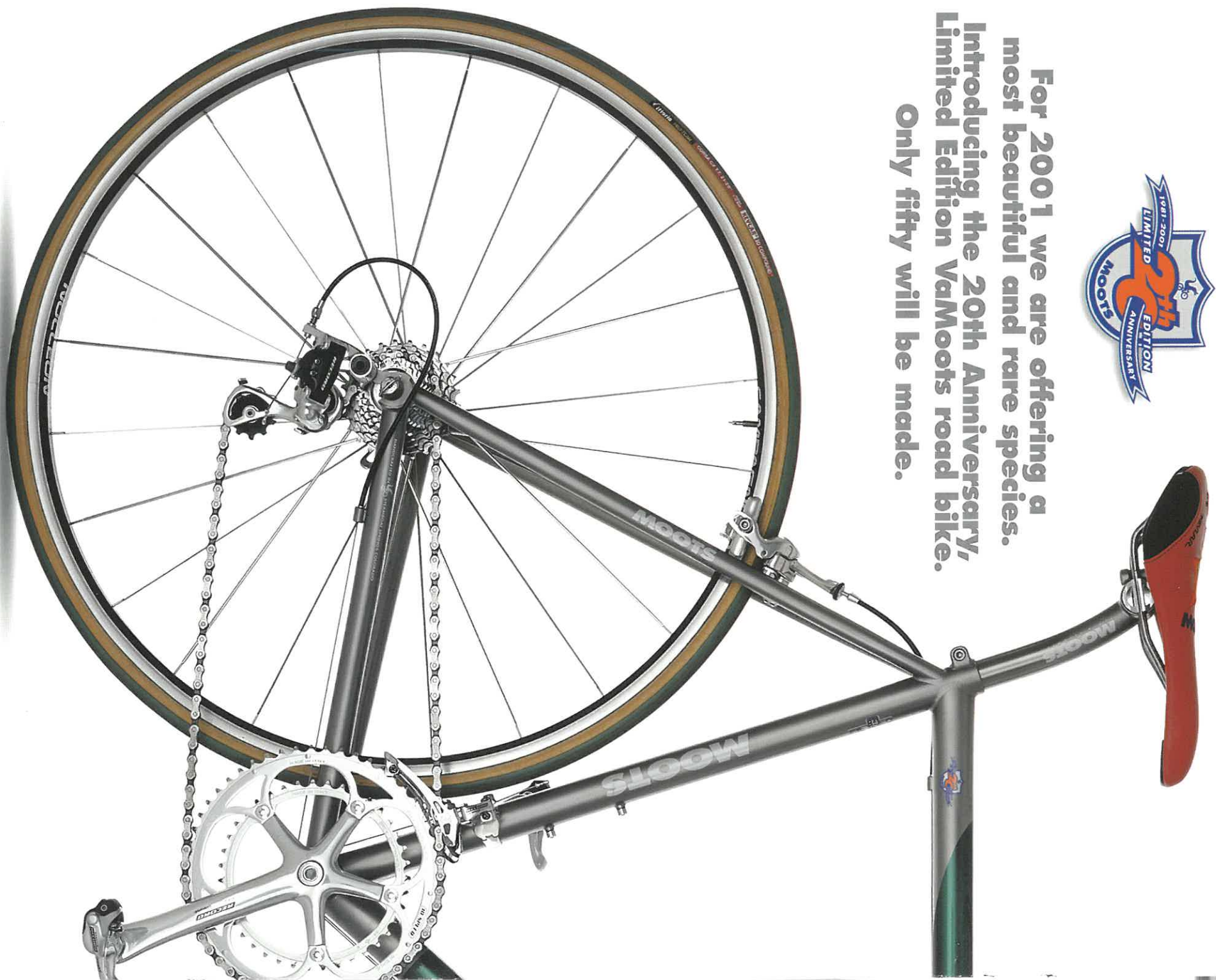
Frame Size(cm)	Effective Top Tube	Seat Tube (c-i)	Head Tube Length(cm)	Head Angle	Seat Angle	BB Drop (cm)	Seat Tube Dia. (in)	Down Tube Dia (in)	Top Tube Dia (in)	Chain Stay Length (cm)	Front/ Center (cm)	Stand-over (in)
48.5	51.8	48.5	9.1	72.5	74.5	7.3	1.25	1.375	1.25	40.3	56.3	28.75
50	52.6	50	9.6	72.75	74.25	7.3	1.25	1.375	1.25	40.3	56.8	29.1
52	53.5	52	10.5	73	74.25	7.1	1.25	1.375	1.25	40.5	57.4	30
53.5	54.5	53.5	12	73.25	74	7.1	1.25	1.375	1.375	40.5	57.31	31
55	55.5	55	13.2	73.5	73.5	7.1	1.25	1.375	1.375	40.7	58	31.5
56	56.3	56	14	73.5	73.5	7.0	1.25	1.375	1.375	40.7	58.6	32
57.5	57.5	57.5	15.5	73.75	73	7.0	1.25	1.5	1.375	41	58.9	32.5
59	58	59	17	74	73	6.9	1.25	1.5	1.5	41.5	59.4	33.3
61.5	59.5	61.5	19.5	74.25	72.5	6.9	1.25	1.5	1.5	41.5	60.1	34.25

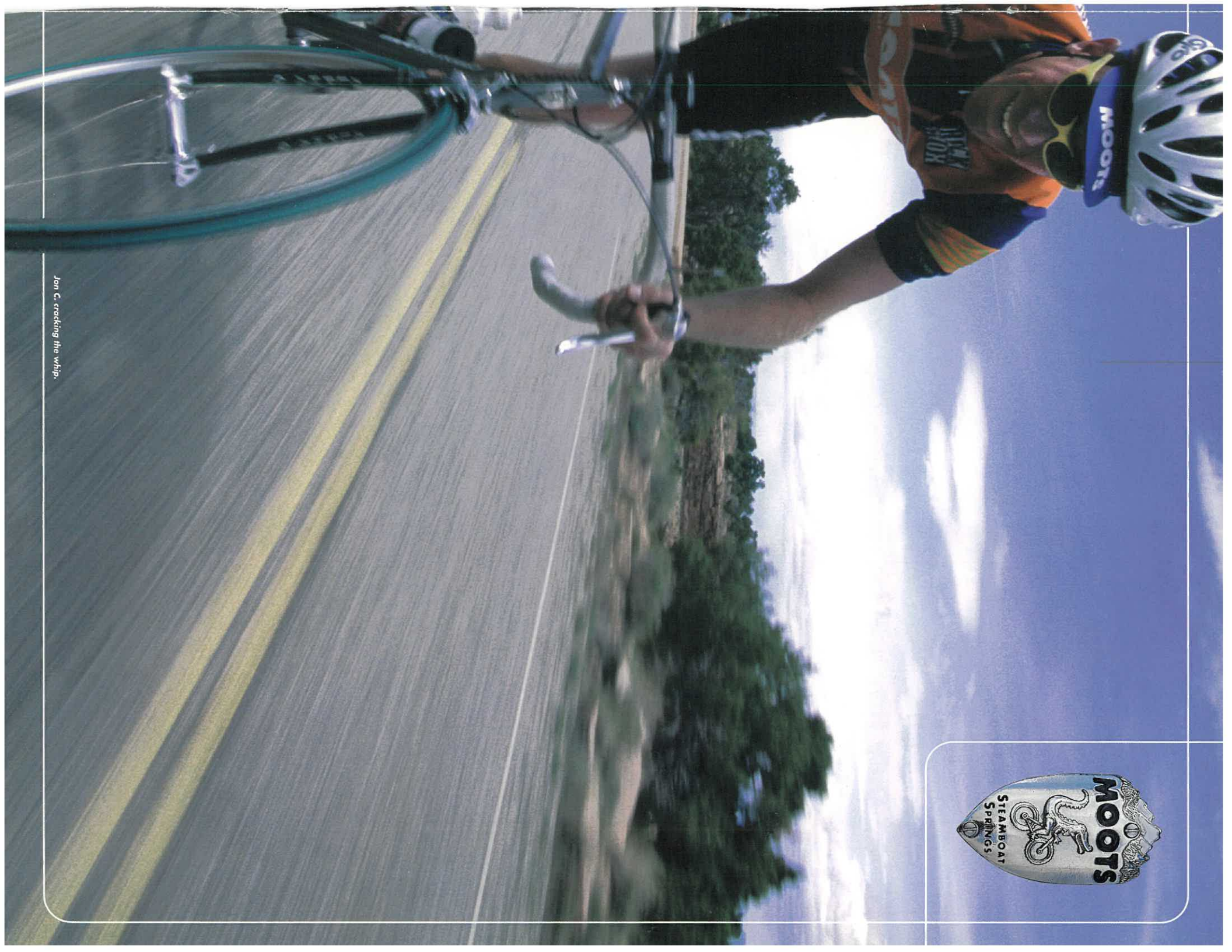
Additional: 1" headset 48.5cm-52cm, 1-1/8" headset 53.5cm-61.5cm, 130mm rear spacing, 68mm bb width w/ English threaded 27.2 seat post, 31.8 mm front dets clamp
Options: Custom Sizing, Aero Seat Stays, Fenders, 3rd Bottle Mount, Pump Peg
Weight: 55cm VaMoots frame - 3 lbs.
 Lifetime warranty on workmanship and materials



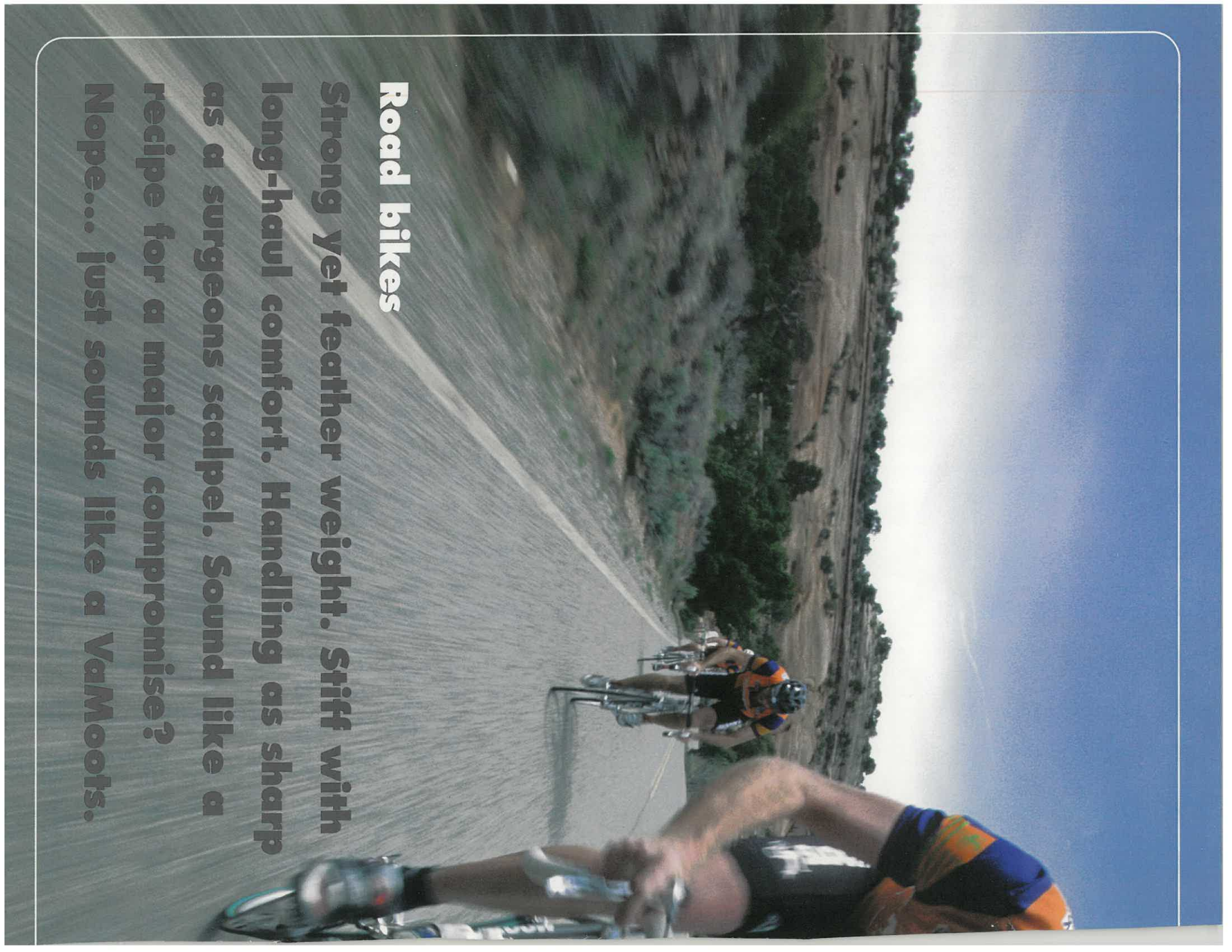


**For 2001 we are offering a
most beautiful and rare species.
Introducing the 20th Anniversary,
Limited Edition VaMoots road bike.
Only fifty will be made.**





Jon C. cracking the whip.

A first-person perspective shot from a cyclist's handlebars, looking down a paved road. The cyclist in the foreground is wearing a blue and orange jersey. In the distance, another cyclist in a similar jersey is riding ahead. The road is flanked by dry, scrubby vegetation and a clear blue sky.

Road bikes

Strong yet feather weight. Stiff with long-haul comfort. Handling as sharp as a surgeons scalpel. Sound like a recipe for a major compromise? Nope... just sounds like a VaMoots.



"For years the Holy Grail of full-suspension design has been a bike that soaks up bumps without robbing its rider of power. Moots has come as close to hitting the target with this bike as any company to date."

BIKE Magazine

Mootaineer MootaineerSL

The perfect "all mountain" bike the Mootaineer weighs in at only 5.1 lbs. for the sm/med size. Large diameter pivots with 1" diameter pins and "Matched Arc" design give this frame great lateral stability with no pedal-induced bobbing. This razor sharp, single track machine features a full 4" of plush rear travel. The sub 17" chain stays deliver a pure cross-country ride. Geometry and handling is reminiscent of our legendary YBBeet. The Mootaineer is available with the Fox Float RC featuring a lock-out lever. We utilize Zerk fittings at the pivots for easier maintenance. Greater stopping power is offered with a Hayes or ISO disc mount option.



- Sloping top tubes for more clearance
- Hayes or ISO disc mount optional
- 4" travel MARC suspension system for superior all-mountain performance



Frame Size(in)	Effective Top Tube	Head Tube Length(cm)	Head Angle	Seat Angle	BB Height (in)	Seat Tube Dia (in)	Down Tube Dia (in)	Top Tube Dia (in)	Chain Stay Length (in)	Stand-over (in)
14	21.46	9.8	70.3	74	12.7	1.25	1.5	1.375	16.9	26.8
16	22	10.4	70.6	73.6	12.8	1.25	1.5	1.5	16.9	27.8
17.5	22.64	10.7	70.9	73.5	13	1.25	1.5	1.5	16.9	28.5
18.5	23.25	11.2	71	73.3	13	1.25	1.5	1.5	16.9	29.2
19.5	23.82	13.5	71.2	73.25	13.25	1.25	1.5	1.5	16.9	30
21	24.8	15.4	71.3	73	13.25	1.375	1.75	1.5	16.9	30

Additional: 1 1/8" headset, 135mm rear spacing, 73mm bb width, English thread, 27.2 seat post

Weight: (fork, seat height) The proper fork for this bike

varies slightly from one manufacturer to another.

The fork length this frame is designed for is 465mm.

This is 100mm of travel for most fork manufacturers.

Lifetime warranty on workmanship and materials.

Note: All specs listed measured with period fork travel.



*"This is the result of eight years of fine tuning.
It's the finest, full-suspension XC race rig we've ever built."*

Kent Eriksen, Moots Founder

Smoothie

Since the inception of the YBB, our goal was to make the best cross-country bike on the planet. Meet the Smoothie. This bike has 3" of fully active travel with no need for a dropout pivot and is designed around an 80mm travel fork to give you race ready performance. The handling is precise and nimble, but with the advantage of 3" of rear wheel travel. Like our Mootaineer, the Smoothie shares our "Marched Arc" suspension system providing smooth, fully active travel with no need for a pivot at the dropout. The Smoothie uses sealed bearings at each pivot for low maintenance and the Float RC air shock from Fox for reliable lightweight performance. Don't be surprised to see someone riding a Smoothie to the top of the podium in the upcoming 2001 season.

- Replaceable dropout standard
- Hayes or ISO disc mount optional
- 3" travel MARC suspension system for superior cross-country & race performance



Frame Size(in)	Effective Top Tube	Seat Tube (c-r)	Head Tube Length(cm)	Head Angle	Seat Angle	BB Height (in)	Seat Tube Dia (in)	Down Tube Dia (in)	Top Tube Dia (in)	Chain Stay Length (in)	Stand-over (in)
14	21.3	14.5	9.8	70	74.1	12.5	1.375	1.5	1.375	16.8	26.75
16	22.2	16	10.4	70.2	74	12.7	1.375	1.5	1.5	16.8	28
17	22.6	17	10.8	70.5	73.8	12.75	1.375	1.563	1.5	16.8	28.5
18	23.2	18	11.2	71	73.7	12.75	1.375	1.563	1.563	16.8	29.2
19	23.6	19	12.5	71	73.6	12.8	1.375	1.563	1.563	16.8	30
20	24.3	20	14.3	71.25	73.5	12.8	1.375	1.563	1.563	16.8	31.25
22	25	22	16.8	72.4	72.4	12.9	1.375	1.75	1.563	16.8	32.25

Additional: 1 1/8" headset, 135mm rear spacing, 72mm lb. width, English thread, 28.6 mm wheels, 35mm top pull from der.
 Weight: 17.7-15.25 lbs.
 Note: (bicycles only) The proper fork for this bike is shown. Lightly from one manufacturer to another. The light length this frame is designed for is 455mm. This is 80mm of travel for most fork manufacturers, and lifetime warranty on workmanship and material.
 Note: All specs listed measured with period fork travel.

YBB YBBSL

In its 13th year of production, the Moots YBBeet has become our most popular bike. Popular enough to spawn a rush to imitations by almost every major builder in the industry (go figure). In the YBBeet, you can own the most advanced, researched, functional and victorious (two NORBA championships and 2000 Masters World Championship) of the soft-tail designs. Observe the sensuous bends of the stays, designed to deliver optimum mud clearance, chain ring clearance and strength. From the 17" frame on up we build with a 1.5" top tube to insure optimum stiffness and stability at high speed. The YBB suspension, combined with a geometry that provides nimble and precise handling, is what makes this frame a legend in its own time.



- Replaceable dropout standard
- Hayes or ISO disc mount optional
- Single speed optional



Frame Size(in)	Effective Top Tube	Seat Tube (-c)	Head Tube Length(cm)	Head Angle	Seat Angle	BB Height (in)	Seat Tube Dia (in)	Down Tube Dia (in)	Top Tube Dia (in)	Chain Stay Length (in)	Stand-over (in)
12**	20.5	12	9.6	70.3	74	11.525	1.25	1.375	1.375	16.8	26.2
14**	21.25	14	10	70.5	73.5	11.75	1.25	1.5	1.375	16.8	27.7
16***	22	15	10.2	70.75	73.25	11.75	1.25	1.5	1.375	16.8	28.2
17	22.5	16	10.8	71	73.25	11.875	1.25	1.5	1.5	16.8	29.2
18	23	17	11.5	71.5	73.25	11.875	1.25	1.563	1.5	16.8	30.2
19	23.5	18	12.7	71.5	73	12	1.25	1.563	1.5	16.8	30.7
20	24.25	19	14.5	71.5	73	12.125	1.375	1.563	1.563	16.8	31.2
22	25	21	16.8	71.75	72.25	12.125	1.375	1.563	1.563	16.8	32.2

Additional: 1 1/8" headset, 135mm rear spacing, 68mm bb width, English thread, 22.2 seat post, 120° 822° 28.6 mm post, 31.8mm front der: 12"-19", 20"-22"
35mm front der
Options: English (dropouts only), 3rd bottle mount, Weight: 17 YBBeet - 4.1 lbs, 17 YBBeet Superlight - 3.6 lbs, * Superlight available to on 18" only ** 12" & 14" YBBeet & YBBeet Superlight come stock with curved TT for greater clearance *** 16" YBBeet & YBBeet Superlight come standard with sloping TT, curved TT is Optional Lifetime warranty on workmanship and materials on standard weight frames, 5 year warranty SL
Note: All specs listed measured with partial lock travel.

"It will mercilessly savage any other bike on the market, suspension or no, when it comes to climbing."

BIKE Magazine



13 years down the trail....the 2001 YBB. Simple, plush, lively and bombproof. At the heart of the system is a spring with an elastomer core. With 1-1/8" of travel this mechanical (vs. air) shock has a compression rate perfect for pivotless suspension. Simple on the outside, this suspension system has a half dozen precision CNC machined parts that requires a skilled technician to install... while maintenance is a snap.



YBB for smaller riders

For the last couple of years one of the propagandized phrases of the bike industry has been "women's specific sizing". This is great for women's cycling and we applaud the big boys for coming to the plate. Moots has been designing and building high quality frames that are perfectly proportioned for many women riders for 20 years now. Our two smallest sizes are designed with relatively short effective top tube lengths in order to fit small people with relatively short torsos. Not only do you get a great fit and superior handling through size specific geometries, we also build these sizes in our rigid or legendary YBBeet softtail platform for added performance and comfort.



**"This bike was definitely a factor
in my Masters Worlds victory."**

Steve Telford, 2000 Masters World Champion





"This year we've decided to offer a SID version of our popular YBB. If you like the idea of an air damped YBB, this is your bike."

Chris Miller, Moos President

YBBair

An air shock on the YBB, why bother? Well, over the last couple of years there have been more than a couple of bike manufacturers coming out with various versions of the softail design. Moos pioneered back in the 80's. We decided that our customers deserve to have a choice of shocks. Now you can buy the race proven geometry of the YBB, the spectacular workmanship of Moos, with the return damping of an air shock. The proven performance of the SID Race mated to our YBB frame gives you 1" of damped rear wheel travel. The Breezer style dropouts welded to our 7/8" diameter chainstays give you great lateral and torsional stiffness. If you are thinking softail and you want some air under your ass, think

YBBair.

- Replaceable dropout standard
- Hayes or ISO disc mount optional
- Single speed optional



Frame Size(in)	Effective Top Tube	Seat Tube (c+)	Head Tube Length(cm)	Head Angle	Seat Angle	BB Height (in)	Seat Tube Dia (in)	Down Tube Dia (in)	Top Tube Dia (in)	Chain Stay Length (in)	Stand-over (in)
17	22.5	16	10.9	71	73.25	11.875	1.25	1.5	1.5	16.8	29.2
18	23	17	11.5	71.5	73.25	11.875	1.25	1.563	1.5	16.8	30.2
19	23.5	18	12.7	71.5	73	12	1.25	1.563	1.5	16.8	30.7
20	24.25	19	14.5	71.5	73	12.125	1.375	1.563	1.563	16.8	31.2
22	25	21	16.8	71.75	72.25	12.125	1.375	1.563	1.563	16.8	32.2

Additional: 1 1/8" handle, 135mm rear spacing, 68mm lb with, English threaded 27.2 and post 120° 8.222" 28.6 mm post, 31.8mm front der, 12x19"

Options: English (dropouts only), 3rd bottle mount, SID Race standard
Weight: 17" YBBair - 4.25 lbs.
 Lifetime warranty on workmanship and materials
Note: All specs listed measured with period fork travel.



"The Rigor Mootis frame makes you realize just how mind-blowingly perfect the craftsmanship at Moots really is. It's something you can feel just standing next to it."

Chris, Speedgoat, PA

RigorMootis

For the purist at heart, the Rigor Mootis is at the core of what riding a titanium hardtail is all about. The ride is pure Moots, and the handling is almost telepathic. On the tightest, twistiest singlettrack you'll become one with this bike. This elegant beauty represents the art of Moots in its most refined form. The Rigor Mootis features oversized top and down tubes, 7/8" chainstays and modified Breezer dropouts which keep the ride stiff. The loving hands of our crew produce the most beautiful and durable finish you'll ever see. If you like to keep it simple, this hardtail will truly be the best bike you've ever owned.



- Replaceable dropout standard
- Hayes or ISO disc mount optional
- Single speed optional



Frame Size(in)	Effective Top Tube	Seat Tube (-1)	Head Tube Length(cm)	Head Angle	Seat Angle	BB Height (in)	Seat Tube Dia (in)	Down Tube Dia (in)	Top Tube Dia (in)	Chain Stay Length (in)	Stand-over (in)
12**	20.5	12	9.6	70.3	74	11.525	1.25	1.375	1.375	16.8	26.2
14**	21.25	14	10	70.5	73.5	11.75	1.25	1.5	1.375	16.8	27.7
16***	22	15	10.2	70.75	73.25	11.75	1.25	1.5	1.375	16.8	28.2
17	22.5	16	10.8	71	73.25	11.875	1.25	1.5	1.5	16.8	29.2
18	23	17	11.5	71.5	73.25	11.875	1.25	1.563	1.5	16.8	30.2
19	23.5	18	12.7	71.5	73	12	1.25	1.563	1.5	16.8	30.7
20	24.25	19	14.5	71.5	73	12.125	1.375	1.563	1.563	16.8	31.2
22	25	21	16.8	71.75	73.25	12.125	1.375	1.563	1.563	16.8	32.2

Additional: 1 1/8" headset, 135mm rear spacing, 68mm bb width, English threaded, 27.2 seat post, 620 & 22.28 6 mm post, 31.8mm front der, 12"-19" 20"-22" 35mm front der
Options: Fyefits (dropouts only), 3rd bottle mount
Weight: 17" - 3.25lbs ** 17" & 14" Rigor Mootis come stock with curved TT for greater standover *** 16" Rigor Mootis comes standard with sloping TT, curved TT is optional. Lifetime warranty on workmanship and materials
Note: All specs listed measured with partial lock thread.



Doug living the dream in Steamboat's backyard. Emerald Mountain singletrack.



Mountain bikes

The performance of your mountain bike can't hide behind the promises of some marketing department. This is where it lives or dies... right here on a sweet piece of single track.

suspension platforms.



We've spent the better part of 13 years refining this outwardly simple, yet technically challenging suspension design. Utilizing a rider weight specific coil spring, our lightweight YBB suspension provides 1 1/8" of supple travel for mountain and 1" for Cross and Road bikes. In short, it lets you climb faster, ride more comfortably and ride longer. Our riding time tells us that the plush and completely reliable YBB suspension out-performs all other pivotless designs. The same suspension that gave Steve Tilford a hand in winning the Masters World Championships in 2000 is available to all of you. Understanding that some people are more comfortable with air damping, we're introducing an adjustable air shocked model for 2001. You can find a stock size YBB to fit you from 4'10" all the way up to 6'6".



About 8 years ago Kent Eriksen developed a way to squeeze 3" to 4" of travel out of a suspension design without using a pivot at the dropout.

Without any fanfare the first frames were constructed using a system we now call "Matched Arc". The name defines the principle behind the design. The different radius arcs created by the pivot locations and the travel paths are so closely aligned, there is no need for a dropout pivot.

The result is increased simplicity, no extra pair of tiny pivots, less pedal induced bobbing and greater power transfer to the rear wheel in a fully active rear suspension. Pure genius. Pure Moos.

Meet Kent Eriksen, Founder of Moos and resident bike genius. Kent doesn't design bikes from behind a computer screen. He dreams about it, then builds it, then rides it. And does it again until he's satisfied.

Take Leonardo DaVinci, add one part Albert Einstein, mix in a little single track and you've got a Kent Eriksen.



The legendary Moots

The YBB suspension. Minimalist perfection.



Joining Techniques With titanium bikes one of the first things someone will notice is the aesthetic quality of the welds. We pride ourselves on having the finest looking welds in the business. But beautiful welds are just a bonus to our process. Tube preparation is the first key step in a strong titanium weld. We carefully deburr and buff the area where welding will occur. Then the material is treated ultrasonically until it is perfectly clean. The tubes are handled with cotton gloves to avoid contamination by fingerprints as they are set into the frame jig. The fit-up in the jig is so precise, that we fusion weld 75% of each joint using no weld wire at all. This is what we call our first pass. Back in the welder's hands he completes this fusion of the joints and then lays down the graceful bead you see with 6/4 ELI

Precision machined from 6/4 titanium our new Breezer style replaceable hanger dropout is form and function at it's best. This socket style gives a stiff and lightweight junction with our 7/8" diameter chainstays and gives you the ease of a replaceable 7075 aluminum hanger. Mountain and cross frames only.

weld wire. Each weld, whether it is a fusion or finish pass, is done in a very specific sequence. Why do we go through these time consuming steps when we could just do a quick tack and then weld it up? Our process makes a stronger, better aligned and more consistent frame. Would you expect anything less? Not from Moots.

Craftsmanship All of the people at Moots take pride in building the finest titanium bicycles. Each person pays close attention to details. We know if we take the extra step at each stage of production to make the product better, the sum of all these details is a better built, aligned, finished and performing product. This includes the little details like our welded in water bottle bosses. These pieces are machined from 6/4 titanium to give strong threads for a lifetime of use. Welding it pieces in is more expensive and time consuming, but in the end they'll never rattle loose or strip out.



Take a step back from a Moots and soak in the details. The look, the geometry, the welding... every thing is right. On first sight many riders have been known to call a Moots the finest bicycle they've ever seen. We couldn't agree more.

Ride Characteristics Geometries are worked out to give you the ultimate singletrack and road riding experience. Words like nimble and agile most accurately describe the handling characteristics you expect from your Moots. How do we come up with the geometries, tubing dimensions and suspension that give this perfect balance? We build it and ride it. Tweak it, build it and ride it again. Just walk into our shop and you can shake hands with the most sophisticated testing machines on the planet. They just so happen to be the people that weld, machine, finish and test each Moots frame before it leaves the factory.

What does this all mean? At Moots, we've never used a lot of hype or jargon to push our products. We like to let our bikes speak for themselves. Whether it is the perfect welds, the precise alignments, the incredible handling, or the beautiful finish, we're confident Moots is the finest line of titanium frames your money can buy.

You know us for the world's most beautiful mountain bikes. One look at the Vahoots and Vahoots Y88 road bikes and you'll know why so many people think we're the best on the road, too. Shown here is our rare and beautiful 20th Anniversary Edition Vahoots.



here in Steamboat Springs, CO.

ling on the cake. The beautiful welds of Moots.