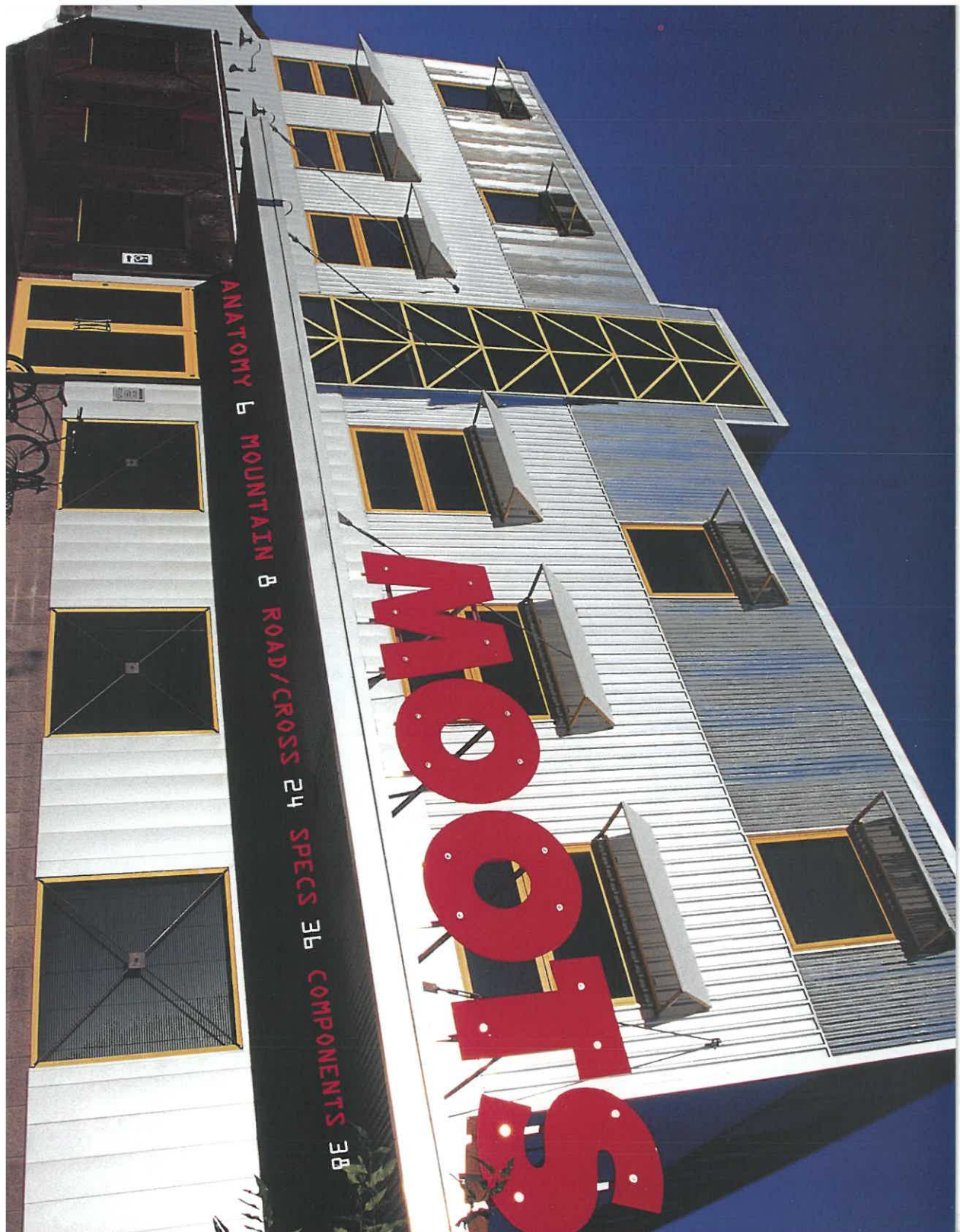


WOOFS





Retropective

30.03.2004

How far back do you go to decide when Moots really began? Was it 1973, when an 18-year-old Kent Eriksen swung a leg over the saddle of his trusty road bike, and rolled out of his home state of Wisconsin? Was it two years later when Kent, still pedaling but out of money and ready to make a home, settled in Steamboat Springs, Colorado and started Sore Saddle Cyclery? Or was it 1981, when, weary of hiking the long dirt trail to his deep woods tree house, he bought a torch and a pile of steel tubes and created the first Moots?

It's impossible to say, but no matter where you start, you end up at the same place: Here. Today. And more importantly, you end up with exactly the same feeling: That elusive sense of grace and power that results from the perfect union of body and bicycle. It's that feeling that has driven Kent and the entire Moots crew for over 20

years. They've ridden thousands of miles in search of that feeling: spent thousands of hours drawing and dreaming and designing. The result? The most comprehensive line of bicycles Moots has ever offered, from the super-hot Vamoots and Compact road frames, to the incredibly efficient and plush Smoothies, to the do-it-all-and-kick-butt-in-the-process Psycho X, to whatever a rider can imagine with the custom road and mountain bike programs. Why so many bikes? Because not everyone rides a bike exactly the same way, but everyone deserves to know the feeling.

Some might argue that a bicycle is simply a tool, a way to get from point A to point B. They're not wrong, but that utilitarian view misses perhaps the most crucial point: A bicycle, especially one built with passion for passionate riders, is not just a tool. It's a way out. Out of where? One ride, and you'll know.

History

You can't get there from here anymore
but the first Moots did it daily



An early policy on employee uniforms
was soon scrapped



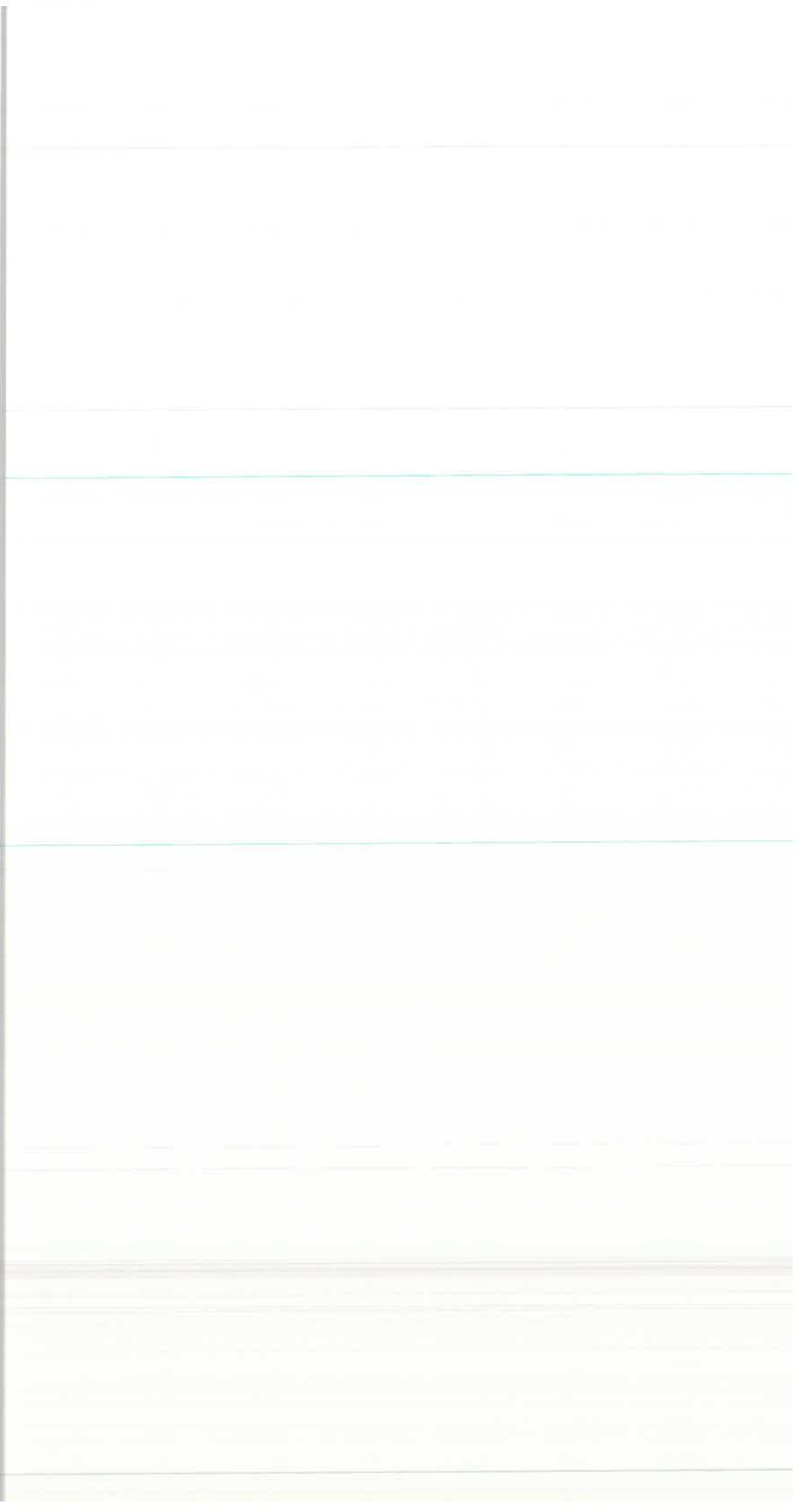
The collection 1985: Moots mounts,
Moots fenders, Moots Road Handles,
Moots Portage Pad - Where's the
adjustable rake fork?



Early Moots: Brazing a steel frame



Best solution for the absence of roof
racks for the long drive to Moab



Moots elevated single track



Seems like sometimes there aren't enough Moots to go around



All it takes is a steady fuzzy hand



Dicing through the muck on vintage Mountaineers



Awaiting their release on some single track, a gang of Moots try to squeeze the life out of a yellow intruder



Gordon dives down the trail on the "legend"...the YBB



Anatomy of a Moos



Each Moos product reflects years of commitment to producing the very best bicycles. Blending the feel for the road and trail into a frame takes years of experience both riding and building frames in pursuit of perfection.

Strength & beauty fig 1,2

Welding titanium is an engineered art. Precise milers, state of the art equipment and incredible skill combine to make the strongest and most beautiful frame available.

Underneath these microscopically precise welds are perfect milers. This allows us to melt the joint together at a relatively low temperature, using no weld wire, assuring the straightest as well as the strongest weld possible. This first pass in the process assures the joint is held tight through the expansion and contraction of welding. Next, 6/4 ELI weld wire is welded to the joined tubes leaving what is visible on the finished frame. On each frame a specific weld sequence is followed in order to maintain precise alignment. This "double pass" weld system has proven to be the strongest weld process for titanium.

machining and materials fig 4,5

Titanium and aluminum bikes need a lot of machined fittings and parts. Bottom bracket shells, head tubes, pivot parts, dropouts... the list goes on. Our Ti Smoothie frame utilizes 45 separate machined parts. Many are made from titanium because they are welded to the tubing that creates the frame. The rest are part of our low maintenance sealed bearing pivot system, both internal and external. Our CNC machinery allows us to produce many of these parts, guaranteeing the quality from the inspection of the raw materials through the tolerance of the finished part.



tubing

In our 13 years of building titanium bikes we have purchased tubing from every American titanium tubing mill. Different mills are better at some sizes than others, but each mill that makes our 32.5 Pi-Tech CWSR tubing certifies each tube for purity, strength and mechanical properties.

titanium - main triangle fig 3,a

The extremely wide variety of both tubing diameters and wall thickness gives us complete control over tuning the ride of each frame we produce. Our Pi-Tech tubesets and the Reynolds 6/4 butted tubesets are size specific to every stock and custom frame we build. Because we use very thin walled large diameter tubing, the mill's quality is extremely important to us. Milling and welding this thin material takes years of experience to do well. The benefit to the rider is a more solid feeling frame that dissipates shock while being very lightweight.

For more specific information on the tubing we use, please see our website.





rear triangle

On all of our road frames 3 gauges of chainstays and seatstays complete our design program, tuning the ride of every frame for each rider's needs. Cold working these stays into subtle bends and ovalizations allows for proper clearances while increasing the strength for the ultimate ride.

aluminum fig 7

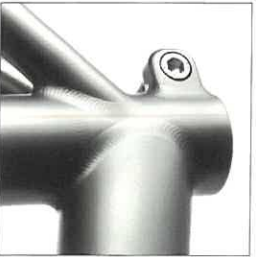
When we decided to produce an aluminum version of the Smoothie, we looked carefully at the options available to us. There were many engineers, tubing manufacturers and frame companies we could work with. Our first priority is always outstanding quality. Worth Technologies has been manipulating raw aluminum into shaped and butted tubes for many years, so when we came to them with the unique tube designs needed to optimize the Smoothie's design their engineers and production teams responded with the ultimate 6061 tubesets. Each tube on the Smoothie Al is made specifically for this frame design using alloys that take advantage of aluminum's stiffness and light weight. Finally, we chose to do some of the cutting, bending and machining in house, while having the rest of the frame production done by the aluminum experts at Ventana Mountain Bikes.

marc fig 8

For the last 10 years we have been tweaking the Matched Arc (Marc) full suspension design. This design works by locating the pivot points and the rear axle very precisely. The arc made by the upper seatstay pivot overlaps the arc made by the rocker assembly. Even though these two arcs have different radii they work in unison because of their precise location relative to the travel. All of our Smoothie models use this unique design giving a supple, fully active ride without the need for a dropout area pivot, thus reducing maintenance and inefficiency. Each pivot uses precisely machined parts fitting into sealed bearings giving the bike low maintenance needs and lateral stiffness. For 2004, the revolutionary Progressive Fifth Element Air shock eliminates pedal induced bobbing while retaining the small bump absorption we have all come to love about the Smoothie.

details fig 9

Cutting corners is not an option at Moos. Things you won't see from other companies such as welded in water bottle bosses and welded on seat binders set us apart in both function and aesthetics. Behind the finished products are hours of details you never see, but you definitely reap the benefits. Alignments to within thousandths of an inch, tube preparation for lifetime welds, facing, thread chasing and reaming to tight tolerances, hand finishing for function as well as beauty. Quality control isn't one person's job at Moos it's everyone's. All of this, and more, combine to make the whole greater than the sum of the parts.





Steamboat Ski Area's Sunshine Trail winds through the trees high above town

mountain

YBB & YBB SL
YBB AIR
RIGOR MOUNTIS
MOOTO-X
SMOOTHIE AT
SMOOTHIE AL
SMOOTHIE BLEND

Get & Get it





Through 15 years of evolution and production, the YBB suspension system has proven reliable, comfortable and fast, finishing 1st, once again, at the World Championship under Steve Tilford.

John & John de

After 15 years of production, the YBB is still the most reliable, high performance and low maintenance soft tail design available. Our YBB suspension offers enhanced traction, comfort and control with 1 1/8" of pivotless suspension. Every aspect of this frame is ready to give you a perfect ride. No shock pumps or added maintenance, just hours of pure riding joy. This bike is an ideal race machine, having won a few

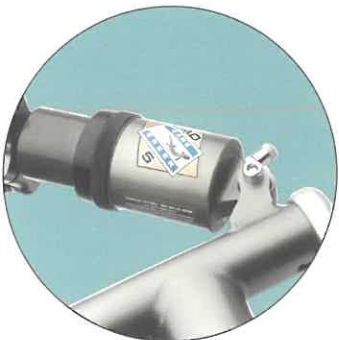


National Championship and Rainbow jerseys. We offer the YBB in a wide variety of sizes to fit just about anyone. The YBB SL is the ultimate lightweight softail for riders under 165 lbs. We also offer brake options in V-brake, ISO disc mount or disc with removable cantilever studs. You can also choose a single speed YBB with the addition of our simple and beautiful Uno dropout.

John | MSRP \$2475
frame only

John de | MSRP \$2550
frame only





For D4 Cane Creek comes through with the next generation of softail shock. CNC machined parts complete the package on this air shocked version of our proven YBB.

YBB Air

Basically a YBB with an adjustable rear shock, this bike comes straight from the same pivotless root as the YBB with the addition of a Cane Creek AD-5 rear shock. The large air volume and stiff shock design are perfect for our soft tail design. Having an air shock gives great adjustability to tune the ride for any size



rider and any type of trail. The YBBAir is available in five sizes with all of our brake mounting options. To simplify life you could try the YBBAir Uno. No pivots, minimal shock maintenance and flawless trail-handling characteristics.

MSRP \$2599
frame only





Underneath the flawless welds are perfect miters to bring together strength and beauty. The Rigor is made for the purists combining a solid ride with the comfort of titanium in a lifetime package.

Rigor Mootis

Technology getting you down? Try the precision of a hardtail mountain bike frame. If you could care less for linkages and damping controls get on a Rigor Mootis. This frame uses a simple, beautifully designed wishbone seatstay rear end. This triangle increases braking power and stiffens the rear end to add more



power to your sprints. The Rigor Mootis will reward your best efforts when the trail gets tight. Choose any brake option. Choose from a large number of custom options including custom fitting. The Rigor Mootis is also very popular as a single speed, once we add the Uno dropout.

MSRP \$2245
frame only

Moos-X 3M





As with all of our mountain and cross frames, the Mooto-X YBB employs the strength, stiffness, and beauty of the replaceable hanger Breezer style dropout.

Mooto-X ybb & Mooto-X

Want to go big while keeping your tires firmly planted on the dirt? The 29 inch wheel design affords a larger footprint and enhanced traction. The bigger wheel also rolls over bumps and holes with greater ease. We offer the simple genius of our YBB design to this big wheeler as well. The YBB suspension, in addition

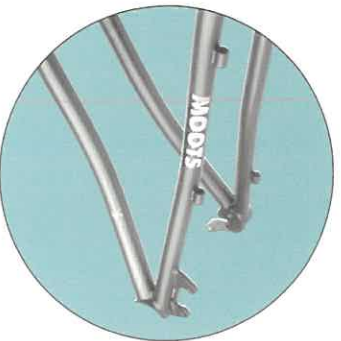


to the bigger wheels, helps to smooth the trail. When your ride changes from singletrack to dirt road, then pavement and back again you'll appreciate the Mooto-x with its big wheels. Like all of our mountain bikes you can pick a brake option or choose to make your bike a singlespeed.

Mooto-X ybb | MSRP \$2550
frame only

Mooto-X | MSRP \$2320
frame only





We offer brake options for every rider. Shown are the clean lines of the ISO disc mount option with through guides for hydraulic lines or cable housing.



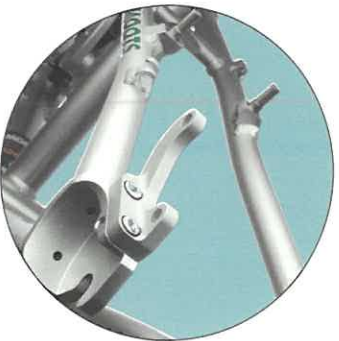
Smoothie 29"

Smoothie is with 3" of fully active travel while being just as adept racing as it is helping you put in those long days in the saddle. We use sealed cartridge bearings to drastically reduce maintenance issues so you have more time to get dirty with your Smoothie. The Smoothie design does not use a rear dropout pivot, simplifying maintenance issues and minimizing rear-end flex. The Smoothie is extremely versatile; you can ride it with an 80mm, 100mm or adjustable travel

fork depending on your personal preference. For 2004 we have worked with Progressive to tune the 5th Element Air shock for plush active travel without pedal induced bobbing. Of course, we will also build your frame with either V-brake studs or ISO disc mount. You can even have a disc mount and removable V-brake studs to allow for possible changes in future brake choices.

MSRP \$3150
frame only





All Smoothie Al frames come standard equipped to handle either disc brakes or V-brakes with removable studs and removable disc mount for a clean appearance.

Smoothie Al

The aluminum version of our Smoothie, Al rolls into its second year. Made of Worth custom butted 6061 aluminum tubing, it goes head to head with the original Smoothie Ti in performance and build quality with the same supple small hit ride qualities of its cousins with the enhanced rigidity and affordability of aluminum. A full 3" of rear wheel travel gives you big hit confidence, with the



incredible trail feel every Moott shares. Like each Smoothie it's designed to be used with an 80mm, 100mm or adjustable travel fork, depending on rider preference. The Progressive 5th Element Air shock gives riders fabulous tunable bob-free performance.

MSRP \$1,550
frame only





On each model of Smoothie the guts of the pivot system are precisely machined and use large diameter Enduro brand sealed bearings for super low maintenance and greater lateral stiffness.

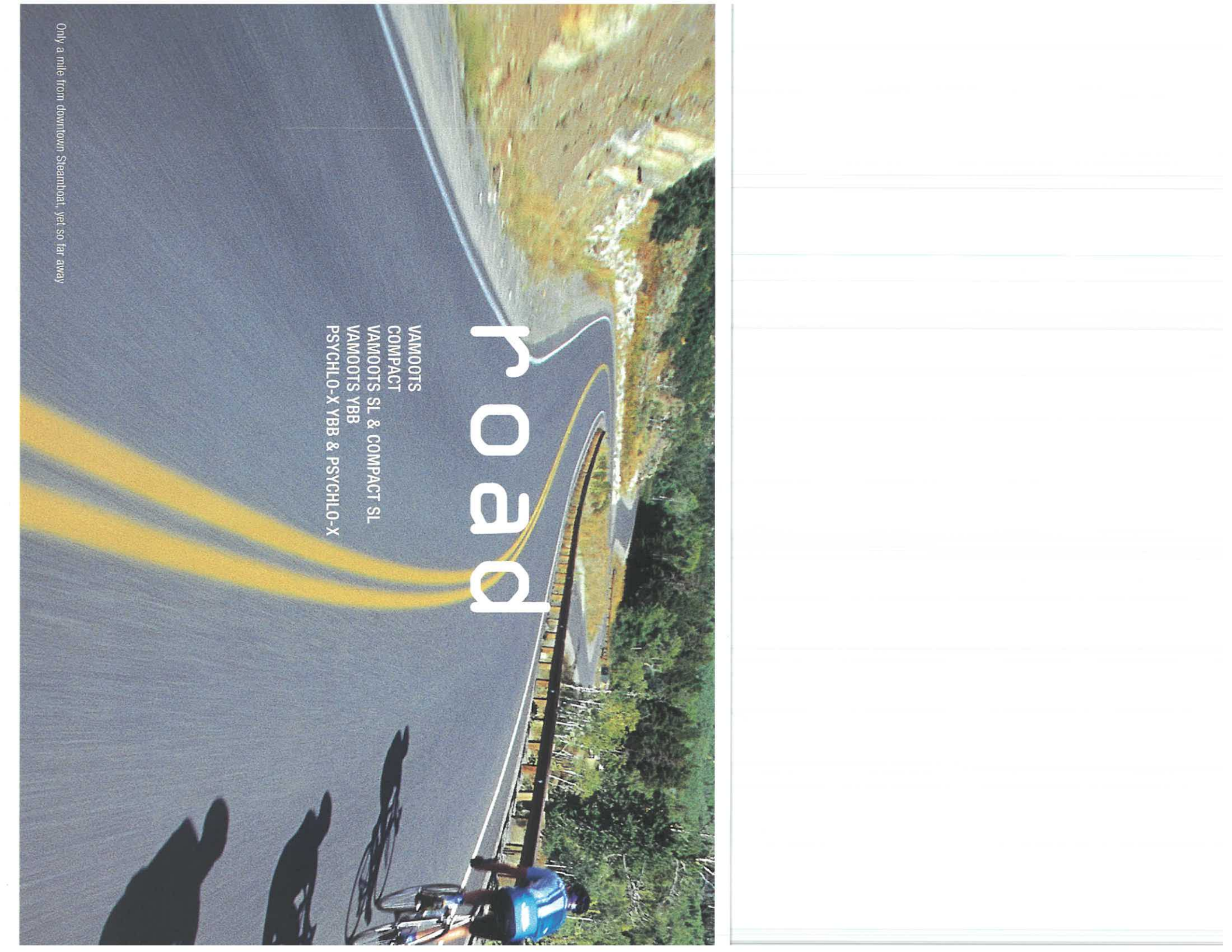
Smoothie Blend

Our new Smoothie Blend combines titanium and aluminum to bring a whole new option into your choices for a full-suspension Moots. The front triangle is built completely of our CWSR 3/2.5 Titanium tubing. Titanium's strength, lightweight, durability, and supple ride are ideally utilized here. The miters and welds are of the same high quality present in all of our titanium bikes. The rear triangle is made of the same custom Worth aluminum tubing used for our Smoothie AI.

MSRP \$2540
frame only



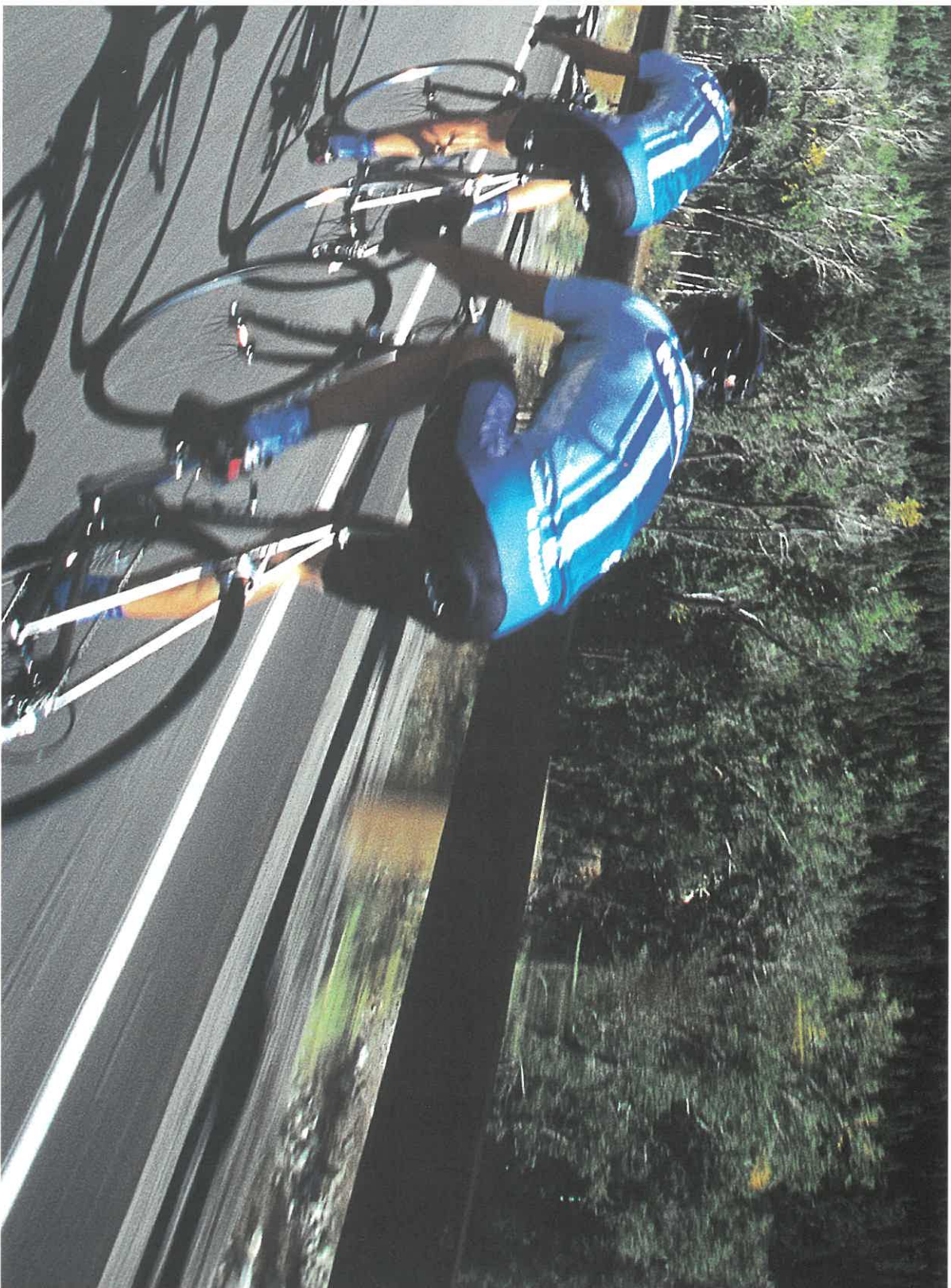
Using aluminum for the smaller tubes of the rear triangle allows the stiffness and light weight of this metal to shine its brightest. Combining the two allows us to maximize both the performance and the aesthetics of our Matched Arc suspension design. We have chosen Progressive Suspension's Fifth Element Air shock to help achieve a ride that limits unwanted bob and still maintains the active and plush ride that the Matched Arc design provides.



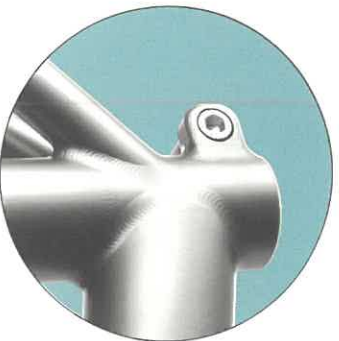
road

VAMOOT'S
COMPACT
VAMOOT'S SL & COMPACT SL
VAMOOT'S YBB
PSYCHLO-X YBB & PSYCHLO-X

Only a mile from downtown Steamboat, yet so far away







Each road frame employs the time consuming yet elegant welded seat post binder for the classic good looks of the old school days. Welding like this is a sign of pure desire to make the best.

Mootts

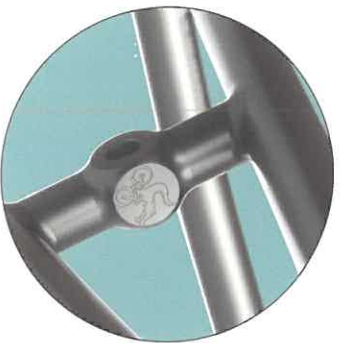
Each Varnoots is made with the rider in mind. Tube diameters and gauges are chosen for perfect balance between light weight and stiffness. Four different chainstay lengths are used in coordination with varying frame geometries to create a fit that inspires complete confidence and comfort for any rider's needs.



All of this in a frame that is perfectly aligned and flawlessly welded. Details like our welded on seatpost binder (a feature you'll only find on a Moott), aero seatstays and Breezer style dropouts complete the package. Ten stock sizes and complete custom fitting are available for the ultimate fit.

MSRP \$2325
frame only





Mr. Moots rides with delight on this b/h brake bridge. Another show of the fine details in each road frame shipped from the factory in Steamboat.

Compact

Lighter in weight yet still stiff enough for any riding conditions our compact geometry places a priority on performance and comfort. The compact design allows the rider to choose a wide variety of top tube lengths without sacrificing standover clearance or paying the higher price of a custom frame. Size specific Pi-Tech tub-



ing, geometries and chainstay lengths perfect the ride in each size frame. As with the Vamoots, you'll find a weld-on seatpost binder, aero seatstays and Breezer dropouts to complete the package. Because a precise fit is so important, the Compact is available in seven stock sizes and in complete custom designs.

MSRP \$2325
frame only



Moots Compact SL



For D4 we went the extra mile shaving some weight while adding elegance to our already beautiful dropout. Machined from 6/4 Ti, strength and lightweight combine to give greater power transfer in a feather weight design.



Namato SL & Compact D4

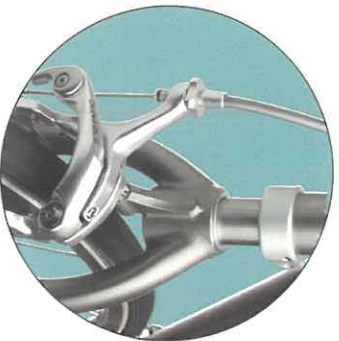
Selecting a double butted tubeset for our SL model was important; the bike had to be lighter and ride as well or better than our standard road frames. When Reynolds developed their 6/4 seamless butted tubing we had what we needed. Lighter, stronger and stiffer than 3/2.5, this tubing gives a confident feel for any type of riding in a frame that is significantly lighter. As with all of our frames, the

SL road frames use our lightweight and stiff 7/8" diameter chainstays welded to our new SL Breezer style dropouts for decreased weight and excellent power transfer. This in combination with our 5/8" diameter seatstays adds up to the perfect balance of stiffness, lightweight and comfort. Once again, a huge variety of stock sizes and complete custom fitting is available.

MSRP \$31.50
frame only







Our YBB suspension will smooth out any ride with the Vamoots YBB. Details include fine machining and incredible welds on a design that has proven comfortable and efficient. With a twist of a bolt, the suspension can be locked for when it's not wanted.

Vamoots YBB

The Vamoots YBB is the ultimate long distance road frame. With 7/8" of rear wheel travel using the YBB's pivotless suspension, this bike has all the performance of the Vamoots with the added comfort of our softail. Rough roads are smoothed over and in the saddle comfort is greatly enhanced so that a more

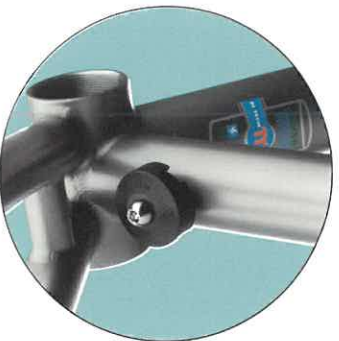


upright riding position is far more enjoyable than on any hardtail. If comfort and efficiency are your priorities then check out the Vamoots YBB. Details, workmanship and materials that you'll only find on a Moots. And like all of our road frames, available in 9 stock sizes and with complete custom sizing and options.

MSRP \$2599
frame only

Spicella-X & Spicella-X girl





Designed to accept either a top pull or bottom pull front derailleur, the Psychlo-X is versatile for all rides. The specially shaped and designed chainstays have clearance for up to a 38c tire.



Psychlo-X & Psychlo-X YBB

Not just for cold season racing, these bikes can do almost anything you need them to do. Using our size specific cross P-Tech tubeset and geometries these bikes take advantage of titanium's great comfort, lightweight and durability. Our Psychlo-X uses a rigid wishbone seatstay configuration that is perfect for racing,

light touring and general riding. The Psychlo-X YBB utilizes our proven YBB suspension to give you added comfort and traction on a bike where you want it most. Seven stock sizes and complete custom fitting round out the package. For those looking for an extra edge, Reynolds 6/4 butted tubes are also available as an option.

Psychlo-X | MSRP \$2399
frame only

Psychlo-X YBB | MSRP \$2650
frame only

Chair Specifications

YBB & YBB SL											
FRAME SIZE (in)	EFFECTIVE TOP TUBE	SEAT TUBE (C-1)	HEAD TUBE LENGTH (CA)	HEAD ANGLE	SEAT ANGLE	BB HEIGHT (in)	SEAT TUBE DIAMETER (in)	DOWN TUBE DIAMETER (in)	TOP TUBE DIAMETER (in)	CHAIR STAY LENGTH (in)	STAND OVER (in)
12**	20.5	12	9.7	70.3	74	11.63	1.25	1.375	1.375	16.8	26.2
14**	21.25	14	10	70.5	73.8	11.75	1.25	1.5	1.375	16.8	27.7
16**	22	16.8	10.4	70.5	73.5	11.75	1.25	1.5	1.375	16.8	28.2
17	22.5	16.8	11	71	73.25	11.875	1.25	1.5	1.5	16.8	29.2
18	23	17	11.7	71.4	73.25	11.875	1.25	1.563	1.5	16.8	30.2
19	23.5	18	12.8	71.5	73	12	1.25	1.563	1.5	16.8	30.7
20	24.25	19	14.6	71.5	73	12.125	1.375	1.563	1.563	16.8	31.2
22	25	21	17.1	71.75	72.25	12.125	1.375	1.563	1.563	16.8	32.2

YBB AIR											
FRAME SIZE (in)	EFFECTIVE TOP TUBE	SEAT TUBE (C-1)	HEAD TUBE LENGTH (CA)	HEAD ANGLE	SEAT ANGLE	BB HEIGHT (in)	SEAT TUBE DIAMETER (in)	DOWN TUBE DIAMETER (in)	TOP TUBE DIAMETER (in)	CHAIR STAY LENGTH (in)	STAND OVER (in)
17	22.5	16	11	71	73.25	11.875	1.25	1.5	1.5	16.8	29.2
18	23	17	11.7	71.5	73.25	11.875	1.25	1.563	1.5	16.8	30.2
19	23.5	18	12.8	71.5	73	12	1.25	1.563	1.5	16.8	30.7
20	24.25	19	14.6	71.5	73	12.125	1.375	1.563	1.563	16.8	31.2
22	25	21	17.1	71.75	72.25	12.125	1.375	1.563	1.563	16.8	32.2

RIGOR MOOTIS											
FRAME SIZE (in)	EFFECTIVE TOP TUBE	SEAT TUBE (C-1)	HEAD TUBE LENGTH (CA)	HEAD ANGLE	SEAT ANGLE	BB HEIGHT (in)	SEAT TUBE DIAMETER (in)	DOWN TUBE DIAMETER (in)	TOP TUBE DIAMETER (in)	CHAIR STAY LENGTH (in)	STAND OVER (in)
12**	20.5	12	9.7	70.3	74	11.63	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	10.4	70.5	73.25	11.75	1.25	1.5	1.375	16.8	28.2
17	22.5	16	11	71	73.25	11.875	1.25	1.5	1.5	16.8	29.2
18	23	17	11.7	71.4	73.25	11.875	1.25	1.563	1.5	16.8	30.2
19	23.5	18	12.8	71.5	73	12	1.25	1.563	1.5	16.8	30.7
20	24.25	19	14.6	71.5	73	12.125	1.375	1.563	1.563	16.8	31.2
22	25	21	17.1	71.75	72.25	12.125	1.375	1.563	1.563	16.8	32.2

MOOTIS-X											
FRAME SIZE (in)	EFFECTIVE TOP TUBE	SEAT TUBE (C-1)	HEAD TUBE LENGTH (CA)	HEAD ANGLE	SEAT ANGLE	BB HEIGHT (in)	SEAT TUBE DIAMETER (in)	DOWN TUBE DIAMETER (in)	TOP TUBE DIAMETER (in)	CHAIR STAY LENGTH (in)	STAND OVER (in)
18	23	16.5	11.5	71.5	74	11.875	1.25	1.563	1.5	17.6	29.5
19	23.5	17.7	12.7	71.75	73.8	12	1.25	1.563	1.563	17.6	30.4
20	24.25	19.5	14.5	72	73.7	12	1.375	1.563	1.563	17.6	32
14	21.3	14.5	10.4	70.4	74.1	12.6	1.375	1.5	1.5	16.8	26.75
16	22.2	16	10.9	70.6	74	12.8	1.375	1.5	1.5	16.8	28
17	22.6	17	11	71	73.9	12.85	1.375	1.563	1.5	16.8	28.5
18	23.2	18	11.7	71	73.8	12.85	1.375	1.563	1.563	16.8	29.2
19	23.6	19	12.8	71	73.7	12.9	1.375	1.563	1.563	16.8	30
20	24.3	20	14.6	71.25	73.6	12.9	1.375	1.563	1.563	16.8	31.25
22	25	22	17.1	71.5	73.5	13	1.375	1.75	1.563	16.8	32.25

SMOOTHIE BLEND											
FRAME SIZE (in)	EFFECTIVE TOP TUBE	SEAT TUBE (C-1)	HEAD TUBE LENGTH (CA)	HEAD ANGLE	SEAT ANGLE	BB HEIGHT (in)	SEAT TUBE DIAMETER (in)	DOWN TUBE DIAMETER (in)	TOP TUBE DIAMETER (in)	CHAIR STAY LENGTH (in)	STAND OVER (in)
15	21.9	14.88	10.8	70.4	74.1	12.6	1.375	1.88	1.5	16.85	26.75
16.5	22.5	16.5	11.4	70.6	74	12.8	1.375	1.88	1.5	16.85	28
18	23.25	18	12.5	71	73.8	12.8	1.375	1.88	1.75	16.85	29.2
19.5	24	19.5	13.3	71	73.7	12.9	1.375	1.88	1.75	16.85	30
21	24.75	21	15.2	71.25	73.6	12.9	1.375	1.88	1.75	16.85	31.25

NOTE: All mountain frames seat tubes are measured approximately from the center of bottom bracket to the top of the top tube. All geometries are measured with partial lock travel. Smoothies measure from bottom bracket to top of seat tube.

ADJUSTABLE 1 1/8" headset, 135mm rear spacing, 68mm lb width, English thread, 27.2 seat post (20' & 22' 28.6mm post), 31.8mm front der. 17"-19", 20" & 22" 35mm front der.
CRANKS English (dropouts only), 3rd bottle mount, available as single speed.
Custom sizing available.
WEIGHT 17.1 lb, 3.6 lbs.
** 12 & 14 Rigor Models come stock with curved TT for greater standover. ** 16 Rigor Models come standard with straight TT.
curved TT is Optional.
Lifetime warranty on workmanship and materials.

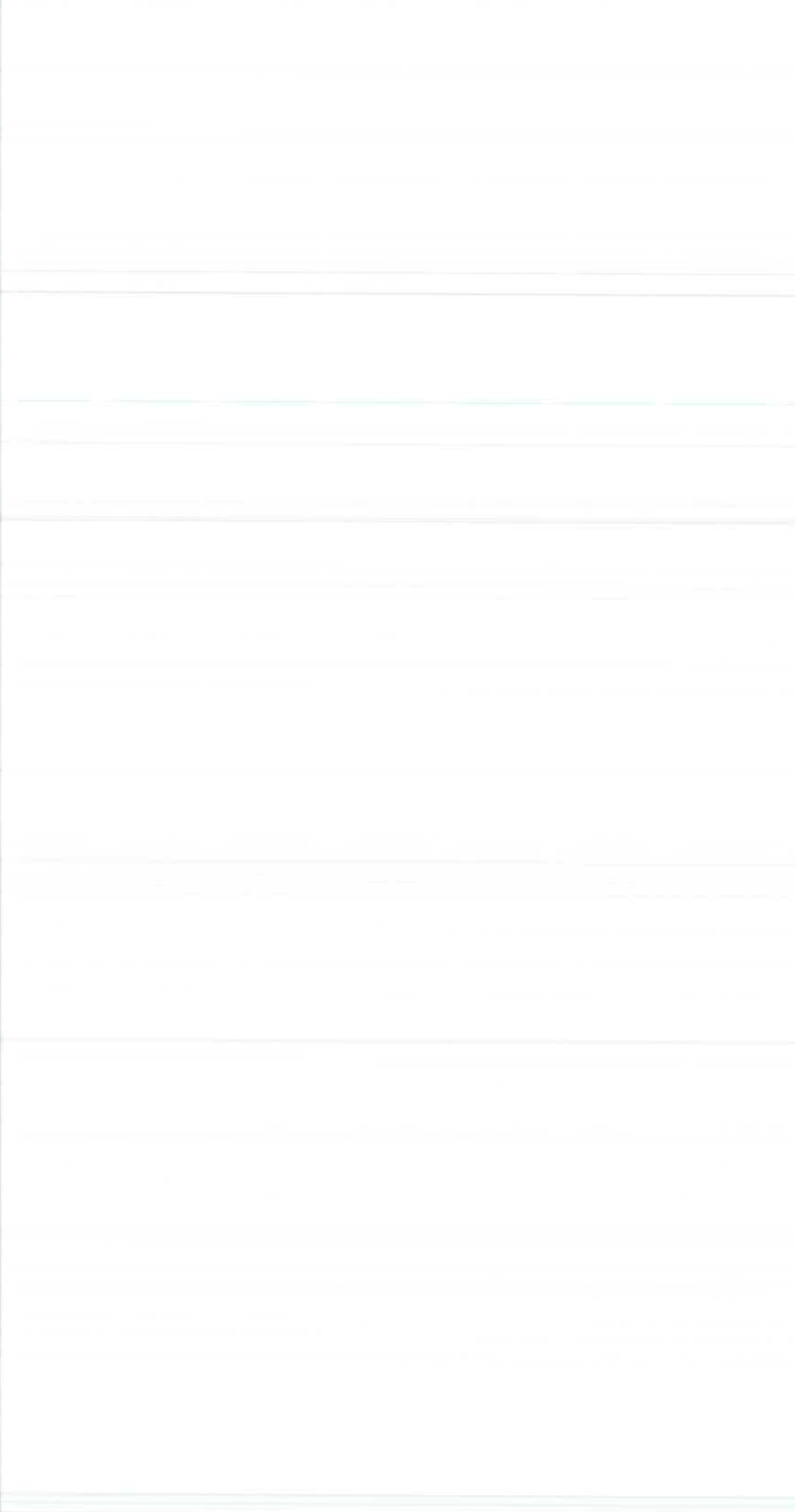
ADJUSTABLE 1 1/8" headset, 135mm rear spacing, 68mm lb width, English thread, 27.2 seat post, 31.8mm front der., 18" & 19" 28.6mm post, 35mm front der. 20".

CRANKS English (dropouts only), 3rd bottle mount, Custom sizing available.
WEIGHT 18.1 lb, 4.25 lbs.
Lifetime warranty on workmanship and materials.

ADJUSTABLE 1 1/8" headset, 135mm rear spacing, 73mm lb width, English thread, 28.6mm seat post, 35mm top pull front der.
WEIGHT 19.1 lb, 5.8 lbs.
NOTE: 60k rds height. The Smoothie is designed for use with either 80mm or 100mm travel fork depending on rider preference and conditions.
Lifetime warranty on all frame members, 2 year warranty on aluminum rear end with generous crash replacement policy thereafter.

ADJUSTABLE 1 1/8" headset, 135mm rear spacing, 73mm lb width, English thread, 28.6mm seat post, 35mm top pull front der.
WEIGHT 19.1 lb, 5.95 lbs.
NOTE: 60k rds height. The Smoothie is designed for use with either 80mm or 100mm travel fork depending on rider preference and conditions.
2 year warranty on workmanship and materials with generous crash replacement policy thereafter.

2" Titanium Components



Seat Posts			
Straight Seat Posts		Laid Back Seat Posts	
Length	Price	Length	Price
220	\$152	220/230 (28.6)	\$167
280	\$159	280	\$173
340	\$164	340	\$178
380	\$167	380	\$181

Available in 27.2mm and 28.6mm diameters
230 comes standard 28.6mm

Straight Laced Seatpost & Lay Back Seatpost

Welded construction for superior strength to weight ratio / 3/2.5 CWSR tubing drawn to exact size for better strength than ground or turned tubing / 4 lengths and 2 diameters to choose from for size specific fit / 220mm Post weighs 147 grams, 340mm weighs 226 grams / Knurled head and clamp to prevent slipping / 6mm dacromet hardened bolts, the highest grade around / Light, strong and beautiful, the perfect compliment to any fine bike / Lay Back model has 19mm set back on 27.2 and 16mm on 28.6 for better fit and less stress on saddle rails



Handle Bars

Take your pick. We've got it: riser bars, braced risers, and flat bars (3 lengths and 2 sweeps). For the lightweight riders that want a ti riser, we have our SL riser. This bar is recommended for riders under 155 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.

Ti Handle Bars					
Style	Width	Sweep	Rise	Weight(g)	Price
Ti Bars	22", 23", 24.5"	5°, 8°	N/A	160	\$115
Ti Riser Bar	24.5"	8.5°	1.5"	220	\$149
Ti Riser Bar SL (not shown)	24"	8.5°	1.5"	190	\$149
Ti Braced Riser Bar	26.25"	8.5°	1.5"	315	\$199



Open Road Ti Stem NEW

Being the first to bring you a removable face titanium road stem wasn't good enough for us, we wanted to make it better. Combining our designing, machining and welding skills we bring you the full titanium Open Road Ti stem. Elegant and lightweight for the road, this stem optimizes the material making it strong, stiff, lightweight and beautiful.

Carbon handlebar compatible with removable dual titanium bands. Double ovalized CWSR 3/2.5 extension for strength and stiffness. Exclusive Moots designed and manufactured dual binder for clamping strength in a no knee bruising design. Large variety of sizes including custom. Steer tube clamp length 42mm. Shims for 1" available. 148 grams 120 length.

Ti-Beam Mountain Stem

Removable face for easy installation. Large diameter oval extension for superior strength and stiffness in a titanium stem. Beautifully machined and welded. Exclusive Moots designed and manufactured dual binder for clamping strength in a no knee bruising design. Large variety of sizes including custom. Steer tube clamp length 50mm. Shims for 1" available. 186 grams 120 length.

Moots Stems	
Style	Price
A-Head Stem (Road), 1 1/8" & 1"	
90 x 0, 100 x 0, 110 x 0, 120 x 0, 130 x 0	\$229
Custom Standard Stem (50% Deposit Required)	\$270
Open Road Ti, Reversible 1 1/8" only*	
90 x ± 6, 100 x ± 6, 110 x ± 6, 120 x ± 6	\$325
90 x 0, 100 x 0, 110 x 0, 120 x 0, 130 x 10, 130 x 0	
Ti Beam Mountain, 1 1/8" only*	
90 x 6, 100 x 6, 110 x 6, 120 x 6, 130 x 10	\$249
Custom Ti Beam Stem (50% Deposit Required)	\$299
Custom Open Road Ti Stem (50% Deposit Required)	\$375



Tailgator Rack & Bag

Super lightweight rack at 150 grams. Beautiful titanium construction for strength and lightweight. Fits large range of seatpost diameters. Double bag has large capacity with tool holders and expandable top (400 cubic inch total capacity). Hypon bottom is very durable and water proof. 5 lb weight limit. 2 year warranty.

\$79, \$46



Moots Standard Road Stem

Elegant, lightweight, bombproof and resilient. Double ovalized extension combining strength and comfort. Moots high quality welding and alignment. Exclusive Moots designed and manufactured dual binder for clamping strength in a no knee bruising design. Large variety of sizes including custom. Steer tube clamp length 40mm. Shims for 1" available. 136 grams 120 length.

Custom Program

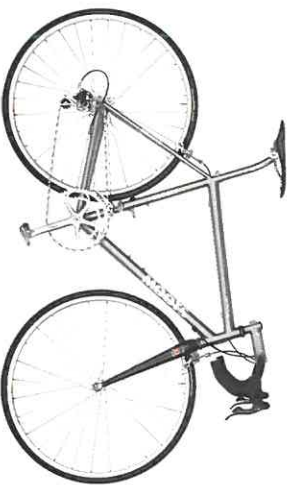
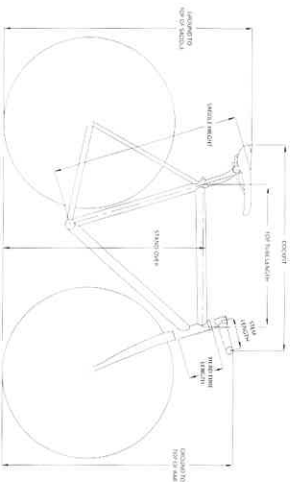


Moots Custom Program

When Moots first started crafting bikes in 1981 they were all custom fits. Using our knowledge, skill and experience we created our line of stock titanium frames in the sizes you see. However, we recognize that these sizes do not fit every rider's needs.

No matter your preferred ride, we can build a frame to do it. World-class road and mountain bike racers buy our frames, round-the-world tourers ride Moots as do the rest of us mere mortals. A couple of the driving reasons behind this are fit and feel. A bike needs to fit the rider ergonomically and be designed correctly for the type of riding.

In our experience the most important information about building the best custom bike is to listen to your needs and get good measurements. Ride characteristics are determined by a number of things including geometry, tubing selection and fit. Our Built-To-Order-Program was developed to pinpoint this information. We intend that you fill out our custom booklet with the help of a quality bike shop. We can then work with you and the shop to finalize a design.



Using the completed information in our booklet and the shop's input we then start to lay out the plan. We use a team to determine geometries and tubing selection to assure the best design using everyone's experience and knowledge. The custom frame we create for you is unique to your needs. By starting the process with a blank sheet we assure the fit and function will meet all of your needs.

Combining all of the variables that make up the best custom frame is more than lengths, angles and weights. After 22 years of making custom frames, we put our knowledge into making a work of art. By fine tuning each aspect of designing the best frame, we present a finished product that reflects our pursuit of bringing beauty and function into one. Your custom Moots.

Options

Whether you are ordering a full custom frame or a stock sized model we offer many options for both. Eyelets for racks or fenders, pump peg, disc brake options with or without the ability to use V-brakes and extra water bottle holders.

For our Built-To-Order booklet please contact your local dealer or Moots directly.

Moots Restaurant



Moots: worn by a staff that loves to ride.

Team Jerseys • Team Shorts • Wind Jackets • Rain Jackets • Cycling Caps • Baseball Caps Wind Jackets • T Shirts • Shop Aprons • Saddles and more...



See you on down the road



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