

product catalog | 2014



# here's to the hand-built ride

There is a certain pragmatism that comes with living in the Rocky Mountains. It's a "roll-up-your-sleeves-and-get-stuff-done" sort of attitude that certainly applies to how we work. But also how we play, as well. And it's a spirit that thrives at Moots.

That's why our focus is, and always has been, on how we build our bikes. The processes we go through. The materials we use. The special details that go into every frame. And our team of craftspeople that bring to life every bike that rolls out of our small factory in Steamboat Springs, Colorado.

Our 2014 model lineup is as robust an offering as we have ever created. And we're proud to share it with you.



### material

Titanium is a magical material. And building with it allows us to do things not possible with any other material. We work exclusively with premium, U.S.-made Moots Pi Tech titanium for all our frames and apply the latest technology, coupled with decades of experience building with titanium, to create frames with a high-performing ride quality that was unheard of even a few years ago. For each frame style and size in our extensive line of bikes, we custom-spec a proprietary blend of tube diameters and wall thicknesses to deliver the exact ride characteristics we seek — no matter the size. The result: A beautiful frame that performs with true purpose and withstands the rigors of day-to-day riding better than any other material on the planet.

> ERIC HINDES LEAD MACHINIST / DESIGN, RARE PARTS HISTORIAN Years with Moots 13 / Moots Ride of Choice Mooto X 120mm / Hidden Hobby Fly-fishing newbie Most-played MP3 'High on Fire' by Spoon / Longest Ride 3,400 miles, Fairbanks to Iowa





# "THE MOOTO X IS A GREAT BIKE FOR WHAT I LIKE TO RIDE: FAST, SNAPPY, CLIMBS GREAT, NO FLUFF AND IF I NEED TO SEND IT, IT CAN HANDLE THAT, TOO."

TO HEAR ERIC TALK MORE ABOUT HIS MOOTO X, VISIT MOOTS.COM/COMMUNITY



# "THE PSYCHLO X ALLOWS ME TO ACCESS ALMOST ANY SURFACE, FROM ROAD TO GRAVEL, TO MODERATE SINGLE-TRACK, ON ONE SWEET RIG."

TO HEAR NATE TALK MORE ABOUT HIS PSYCHLO X, VISIT MOOTS.COM/COMMUNITY



# craftsmanship

Every Moots bike frame and component is hand-crafted by a team of experienced, passionate cyclists. Mitering and shaping tubes. Welding. Applying our signature finish and graphics. Even attaching our classic die-cast head badge. Road. Mountain. Cross. Custom. Every frame is built to precise specs with extremely tight tolerances at every stage of the process. It results in more than just an outstanding bike. It also creates in us a deep-seated, personal connection with every frame and component that leaves our shop. And a clean, beautiful aesthetic that blurs the lines between art and craft.



lifetime

We know that calling our bikes "lifetime bikes" is a pretty big claim. But the truth is, our bikes really do last a lifetime. It centers on the unique qualities of our titanium and our commitment to building bikes that are as durable as they are enjoyable to ride. No other material provides as perfect a balance of liveliness and stiffness, responsiveness and control, performance and comfort, and weight and durability as titanium. So the magical ride quality you get on day one is the same experience you'll have thousands and thousands of miles later. Buy it right. Buy it once. Enjoy it forever.

SAM GORDON LEAD FINISHER, IN-HOUSE CHEF Years with Moots 8 / Moots Ride of Choice Mooto X YBB-142mm x 12mm postmount, 3rd Hz0 / Hidden Hobby Hunting Longest Ride 113 miles, Routt County dirt road Belgian Death March / Most-played MP3 Manu Chao





# "IT WAS A TOTAL GROUP EFFORT TO BRING THIS BIKE TO LIFE AND TO THE TRAIL. PROJECTS LIKE THIS REINVIGORATE EACH OF US TO THINK OUTSIDE THE BOX WHILE BRINGING A SMILE TO OUR FACES."

BUTCH BOUCHER DESIGN. CNC CARETAKER // TO HEAR BUTCH TALK MORE ABOUT THE IMBA TRAIL BIKE, VISIT MOOTS.COM/COMMUNITY





As a company, we try to operate as responsibly as we can. And we encourage our team to bring that commitment to life in their own special ways. This year, for example, we worked with the teams at IMBA and Routt County Riders, our local Steamboat IMBA Chapter, to design a bike that would help them create and sustain the trail systems we all love to ride. The result was a one-of-a-kind bike that reinvented the way you get to the trailhead to build the trail. Sure, we have solar panels to help power our factory. And we recycle 100 percent of the materials we use in our build process. And we try to leave the cars at home and ride our bikes to work through the snow. Not because it's the trendy thing to do, but because it's the way we've always done it.

 TOOLS ON BOARD

 Rogue Hoe / Folding Saw / Pruners / 18" Chainsaw / Telescoping, Break-apart Handle System

 0.6 Liter of Fuel / Chain Oil / Flask / Gloves / Rain Gear / Six Pack



# **RACE SUPER LIGHT**

Each model in our Race Super Light (RSL) collection was designed and built to be ridden at the highest level of the sport. Whether on the road, the mountain, or the cross circuit, they incorporate proprietary Moots double-butted tubing and unique forming and shaping in select frame areas to achieve the perfect integration of low weight, stiffness and responsiveness without sacrificing long-distance comfort.

Additionally, each RSL frame utilizes an oversized, Press Fit 30 bottom bracket for reduced weight and increased stiffness in the drive line, an oversized 30.9mm seat post for increased stiffness up top and either a standard, or optional, 44mm head tube, depending on model, to provide increased handling responsiveness up front. Finally, all of the frames can be mated seamlessly with our RSL stem.

On average, these bikes are significantly stiffer, more responsive and up to 15 percent lighter than their quite capable non-RSL brethren. And to top it all off, they come with the same lifetime durability of every Moots frame.



VAMOOTS RSL





MOOTO X RSL

**PSYCHLO X RSL** 

## "MOOTS HAS DESIGNED THE HIGHEST-PERFORMING TITANIUM BIKE EVER MADE." PELOTON MAGAZINE

ROAD

JON "I NEVER MET A DIRT ROAD I DIDN'T LOVE" CARIVEAU AND HIS PSYCHLO X RSL IN PURSUIT OF HIGHER GROUND UNDER THE WATCHFUL EYE OF THE SLEEPING GIANT. TO HEAR JON TALK ABOUT HIS PSYCHLO X RSL, VISIT MOOTS.COM/COMMUNITY

Over the last couple of years, the road cycling category has expanded beyond things like racing and touring to include endurance, gravel and mixed-surface riding. For us, this is nothing new, as our titanium has always allowed us to design and build bikes that can handle virtually any conditions the road can throw at them. Today, our lineup includes models that truly specialize in certain categories, as well as those that gracefully blur the lines between them. Bikes that push both design and tubing limits, in order to test your imagination of the places you can ride them. Road bikes capable of taking you to the outer reaches of the pavement and beyond.



the VAMOOTS RSL Highest-performance Moots road machine, race, road endurance, all-day comfort without sacrificing performance, pavement to smoother dirt roads, 27mm tire capacity.



the VAMOOTS DISC Road, road endurance, Gran Fondo, rain bike, mixed-surfaces, 28mm tire capacity, modern road disc brake ready.



the VAMOOTS CR Road, road endurance, pavement to rough dirt roads, 28mm tire capacity, after-work hour of power to your Sunday monuments.



the **PSYCHLO X RSL** 

Highest-level Cyclocross racing to off-season base miles and everyday driver of dirt roads and beyond. 35mm tire capacity.



the VAMOOTS Road, long-haul comfort, classic handling, mixed-surfaces, 28mm tire capacity.



the **PSYCHLO X** 

Cyclocross course high-level racer and adventure seeker. Not afraid to be ridden on road, in group rides and beyond. Adventure/mixed-surface epics during the "off season." 35mm tire capacity.

# MOUNTAIN 50

THE JOYS OF EVENING SINGLE-TRACK. EVAN AND HIS DIVIDE LOCK IN ON THE PRIME LINE WHILE EYEING THE UPCOMING EMERALD MOUNTAIN LEFT-HANDER. TO HEAR EVAN TALK ABOUT HIS DIVIDE. VISIT MOOTS.COM/COMMUNITY

Over thirty years ago, when mountain bikes were born, they were the thing to have. For most, it was a passport to discover what existed beyond the end of the road and deep into the woods. Everything from smooth, flowy trails to grand hike-a-bike adventures grabbed our imaginations. From truly race-ready, superlight frames, to all-mountain-capable big wheels, Moots has been there since the beginning, designing and building a broad line of models designed to address each rider's definition of the perfect roadless adventure.



the MX DIVIDE 29'' Cross-country, all-day enduro testers, go-fast after-work loops, comfort for all. 2.2" tire capacity.



the MOOTO X  $29^{\prime\prime}$ The daily driver. Cross-country to Tour Divide. Longer travel hardtail ready for adventure, on or off the course. 2.2" tire capacity.



the MOOTO X RSL 29'' Highest-level cross-country hardtail. Single-track scalpel. Pure performance for the purist in each of us. 2.2" tire capacity.



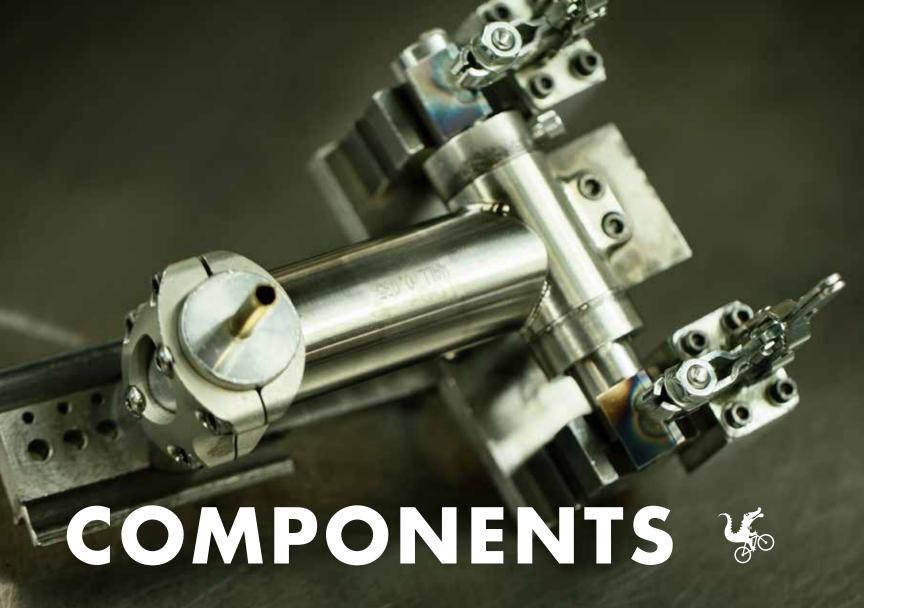
the MOOTO X YBB 29" Cross-country cruising. Simple, effective classic Moots rear suspension. One hour to 24 hours to 24 days, always there, always ready. 2.2" tire capacity.



the ROGUE YBB 27.5" Mid-wheel-size cross-country arrow. Not in love with big wheels? You might just have to change your mind. 2.2" tire capacity. Also available as a hardtail RSL.



the DIVIDE 26''Cross-country, all-day enduro testers, go-fast after-work loops, comfort for all. 2.2" tire capacity.



The touch points of a bicycle are as important as spokes in a wheel. Stems, seatposts and handlebars all connect rider to machine. Rider input to the rest of the bike is only as good as those points. Moots makes that connection seamless in our hand-built components, no matter the brand of your bike.



#### **CINCH SEATPOST**

The Moots Cinch seatpost is the simplest, most hassle-free titanium seatpost on the market today. It features a clever dual independent adjustment that allows you to set your saddle tilt and fore-aft without affecting the other.





#### A RSL FORK

This one-piece, Moots-designed monocoque constructed carbon fiber fork is built to complement the ride of the Vamoots RSL frame. Incorporating the highest-quality carbon and layup process.

#### ROAD FORK

Our all-purpose Road fork is designed to enhance the ride of our Vamoots CR, Vamoots and any older 1 1/8" head tube Moots frame. It incorporates a leading-edge, one-piece monocoque design, with the highest-quality carbon and layup process.

#### **G** CYCLOCROSS FORK

Light, stiff and offering a tremendous amount of mud and tire clearance, the Moots cyclocross fork is ready for anything the nastiest cross racecourse can throw its way.

#### A RSL STEM

Designed and built as part of the RSL family of frames, this stem achieves the same increased stiffness and reduced weight objectives while upholding our passion for durable "real-world" bicycle components.

#### **B** TI STEM

We have melded the Moots Open Road and Open Trail into one stem that serves many purposes, off road or on road. There are three rise options (+6, 0, -6) with five length options, as well as custom. Determine your position needs and select the Moots Ti stem that dials in your perfect fit.



## made to order

To us, each bike makes its own unique tire print on the world – a perfect blend of geometry, intended use, accessories and ultimate ride quality, all tailored to the individual rider.

Our dealer partners are a critical component of the Moots fit, custom design and build process for our new owners. Together, we work with each customer to dream, spec, build and deliver the perfect bike, whether on one of our stock frames or as a complete custom creation.

So, in a sense, every bike we make is custom at some level. The right tube set for a particular ride quality. The right geometry to fit the owner. And all the little bits that dial it in perfectly, from simply locating pump pegs and bottle bosses to all the accessories that make your bike the absolute, perfect ride.







#### **ROAD TOUR CROSS**

#### the VAMOOTS RSL

FRAME SIZE [CM]	EFFECTIVE TOP TUBE [CM]	SEAT TUBE /c-t/ [CM]	HEAD TUBE LENGTH [CM]	HEAD ANGLE	seat Angle	BB DROP [CM]	Chain Stay Length [Cm]	STAND- OVER [IN]	TOP TUBE SLOPE	FORK RAKE [MM]		
48	51.5	45.0	10.0	72.50	74.75	7.4	40.5	28.5	11.1	50		
50	52.5	46.0	10.5	72.75	74.50	7.4	40.5	28.8	10.4	50		
52	53.5	47.0	11.5	73.00	74.25	7.3	40.5	29.2	10.5	45		
54	54.5	48.0	12.5	73.25	74.00	7.2	40.5	29.6	10.3	45		
55	55.5	49.0	13.5	73.50	73.50	7.2	40.7	30.0	10.2	45		
56	56.5	50.0	14.5	73.50	73.25	7.2	40.7	30.4	10.1	45		
58	57.5	51.5	16.0	73.75	73.00	7.1	41.0	30.9	10.3	40		
60	58.5	53.0	17.5	74.00	73.00	7.0	41.0	31.6	10.0	40		
62	59.5	55.0	19.5	74.25	72.50	6.8	41.5	32.3	9.9	40		
MAX TIRE WIDTH 27MM												

#### the VAMOOTS CR

size top tube /c-t/ length angle angle [cm] length [cm] [cm] [cm] [cm]	over slop [in]	E RAKE [MM]
<b>48</b> 51.5 45.0 10.0 72.50 74.75 7.4 40.5	28.6 9.0	50
<b>50</b> 52.5 47.0 10.5 72.75 74.50 7.4 40.5	29.1 7.2	50
52 53.5 48.5 11.5 73.00 74.25 7.3 40.5	29.6 6.7	45
54 54.5 50.0 13.0 73.25 74.00 7.2 40.5	30.2 6.6	45
<b>55</b> 55.5 51.0 14.0 73.50 73.50 7.2 40.7	30.5 6.6	45
<b>56</b> 56.5 52.0 15.0 73.50 73.25 7.2 40.7	30.9 6.5	45
<b>58</b> 57.5 53.5 16.5 73.75 73.00 7.1 41.0	31.5 6.7	40
<b>60</b> 58.5 55.0 18.0 74.00 73.00 7.0 41.0	32.1 6.6	40
<b>62</b> 59.5 57.0 20.0 74.25 72.50 6.8 41.5	32.9 6.5	40

MAX TIRE WIDTH 28MM

#### the VAMOOTS

FRAME	EFFECTIVE	SEAT TUBE	HEAD TUBE	HEAD	SEAT	BB DROP	CHAIN STAY	STAND-	TOP TUBE	FORK
SIZE	TOP TUBE	/c-t/	LENGTH	ANGLE	ANGLE	[CM]	LENGTH	OVER	SLOPE	RAKE
[CM]	[CM]	[CM]	[CM]				[CM]	[IN]		[MM]
			10 5							
48	51.0	48.0	10.5	71.50	74.75	8.0	41.0	28.8	7.9	50
50	52.0	50.0	11.0	72.00	74.50	8.0	41.0	29.3	6.3	50
52	53.0	52.0	12.0	72.00	74.25	7.8	41.0	29.9	4.8	50
54	54.0	54.0	14.0	72.25	74.00	7.8	41.5	30.7	4.8	50
04	04.0	04.0			1 1100			0011		
55	55.0	55.0	15.0	72.50	73.50	7.6	41.5	31.1	4.9	50
	50.0	50.0	10.0			= 0	44 5	04 F		
56	56.0	56.0	16.0	72.75	73.25	7.6	41.5	31.5	5.0	50
58	57.0	58.0	17.0	72.75	73.00	7.6	42.0	32.1	3.9	50
60	58.0	60.0	19.0	73.00	72.50	7.2	42.0	32.9	3.7	45
62	59.0	62.0	21.0	73.00	72.50	7.2	42.0	33.6	3.6	45
02	53.0	02.0	21.0	15.00	12.30	1.2	72.0	55.0	5.0	40

MAX TIRE WIDTH 28MM

#### the VAMOOTS DISC

FRAME SIZE [CM]	EFFECTIVE TOP TUBE [CM]	SEAT TUBE /c-t/ [CM]	HEAD TUBE Length [Cm]	HEAD ANGLE	SEAT Angle	BB DROP [CM]	Chain Stay Length [Cm]*	STAND- Over [IN]	TOP TUBE SLOPE	FORK RAKE [MM]
48	51.5	45.0	12.0	71.50	74.75	7.6	41.0	28.6	13.2	43
50	52.5	47.0	12.0	72.00	74.50	7.6	41.0	29.0	12.2	43
52	53.5	48.5	13.0	72.00	74.25	7.5	41.0	29.7	11.6	43
54	54.5	50.0	15.0	72.25	74.00	7.5	41.0	30.3	11.2	43
55	55.5	51.0	16.0	72.75	73.50	7.5	41.5	30.7	11.0	43
56	56.5	52.0	17.0	73.00	73.25	7.5	41.5	31.0	10.7	43
58	57.5	53.5	18.0	73.00	73.00	7.3	41.5	31.5	10.2	43
60	58.5	55.0	20.0	73.25	72.50	7.1	41.5	32.2	10.0	43
62	59.5	57.0	22.0	73.25	72.50	7.0	41.5	32.9	9.9	43
MAX TIRE	WIDTH 29	MM								

#### the **PSYCHLO X RSL**

FRAME SIZE [CM]	EFFECTIVE TOP TUBE [CM]	SEAT TUBE /c-t/ [CM]	HEAD TUBE LENGTH [CM]	HEAD ANGLE	SEAT ANGLE	BB DROP [CM]	Chain Stay Length [Cm]	STAND- OVER [IN]	TOP TUBE SLOPE	FOR RAK [MN
50	52.5	48.0	11.0	71.50	74.50	6.3	42.3	30.5	10.4	47
52	53.5	52.0	12.0	72.00	74.00	6.3	42.3	31.5	6.6	47
54	55.0	54.0	13.0	72.50	73.50	6.1	42.3	32.0	5.3	47
55	56.0	55.0	14.0	72.50	73.50	6.1	42.3	32.4	5.2	47
56	57.0	56.0	15.0	72.50	73.00	6.1	42.3	32.8	5.3	47
58	58.5	58.0	16.0	73.00	73.00	6.1	42.3	33.4	4.2	47
60	60.0	60.0	18.0	73.00	72.50	6.0	42.3	34.1	4.0	47
MAX TIR	E WIDTH 34	мм								

#### the PSYCHLO X + PSYCHLO X YBB ZUPDATED

FRAME SIZE [CM]	EFFECTIVE TOP TUBE [CM]	SEAT TUBE /c-t/ [CM]	HEAD TUBE LENGTH [CM]	HEAD ANGLE	SEAT ANGLE	BB DROP [CM]	Chain Stay Length [Cm]*	STAND- Over [IN]	TOP TUBE SLOPE	FOR Rak [MN
50 RIG	51.5	46.0	12.0	70.75	75.00	7.1	42.3	30.0	14.2	47
50 YBB	51.5	50.5	12.0	70.75	75.00	7.1	43.0	30.8	8.6	47
52 RIG	52.5	48.0	14.0	71.00	74.25	7.1	42.3	31.0	14.3	47
52 YBB	52.5	50.5	14.0	71.00	74.25	7.1	43.0	31.2	9.8	47
54	54.0	51.0	15.0	71.50	74.00	6.9	42.3	31.6	11.6	47
55	55.0	52.0	16.0	71.50	73.50	6.9	42.3	31.9	11.5	47
56	56.0	53.0	17.0	72.00	73.25	6.9	42.3	32.4	11.0	47
58	58.0	55.0	18.0	72.00	73.00	6.9	42.3	32.8	10.6	47
60	59.5	57.0	20.0	72.50	72.75	6.8	42.3	33.7	10.1	47

· Effective Top Tube: Measured parallel to ground,

from top of head tube center to seat tube center

· Seat Tube Length: Measured from center of BB to

BB Drop: Measured from axle center line to BB center

. The combination of some frame sizes, foot size and

tire sizes may result in toe overlap

top of seat tube

\*PSYCHLO X YBB CHAIN STAY IS NON-FORMED AND LENGTH IS 43.0CM - ALL SIZES 45CM OPTIONAL CHAIN STAY - MAX TIRE WIDTH 40MM

#### Spec Definitions and Notes

- All Road Bikes: Stand-Over measured with 23c tire
- All CX Bikes: Stand-Over measured with 32c tire
- All CX Bikes: Designed with 44mm head tube using external lower bearing head set compatible with straight and tapered forks

#### MOUNTAIN

the <b>M</b>	X DIV	IDE 29	"							FRAME SIZE [IN]	EFFECTIVE TOP TUBE [IN]	SEAT TUBE /c-t/ [IN]	HEAD TUBE LENGTH [CM]	HEAD ANGLE	SEAT ANGLE	bb height [in]	Chain Stay Length [in]	STAND-OVER [IN]	FORK TRAVEL
FRAME SIZE	EFFECTIVE TOP TUBE	SEAT TUBE /c-t/[in]	HEAD TUBE LENGTH	HEAD ANGLE	SEAT ANGLE	BB HEIGHT [IN]	CHAIN STAY LENGTH	STAND-OVER [IN]	FORK TRAVEL	14*	21.50	15.0	11.0	68.80	74.50	11.80	16.9	29.1	100mm
[IN]	[IN]		[CM]				[IN]			15*	22.00	15.0	11.0	69.00	74.50	11.80	16.9	29.1	100mm
16	22.50	17.0	10.0	70.50	74.00	13	17.8	30.8	100mm	16*	22.50	16.0	11.0	69.00	74.25	11.80	16.9	29.8	100mm
17	23.00	17.0	11.0	70.50	74.00	13	17.8	30.9	100mm	17*	23.00	17.0	11.0	69.00	74.25	12.00	16.9	30.1	100mm
18	23.50	17.5	12.0	71.00	74.00	13	17.8	30.9	100mm	18	23.50	18.0	12.0	69.50	74.00	12.00	16.9	31.9	100mm
19*	24.25	19.0	12.0	71.00	74.00	13	17.8	31.1	100mm	19	24.25	19.0	13.0	69.50	74.00	12.00	16.9	32.4	100mm
20*	24.75	19.5	13.0	71.50	74.00	13	17.8	31.1	100mm	20	24.75	20.0	14.0	70.00	73.75	12.20	16.9	33.3	100mm
22*	25.50	21.0	14.0	71.50	74.00	13	17.8	31.2	100mm	22	25.50	22.0	15.0	70.00	73.75	12.20	16.9	34.4	100mm

\*DESIGNED WITH TOP TUBE TO SEAT TUBE STRUT

#### the MOOTO X RSL 29"

FRAME SIZE [IN]	EFFECTIVE TOP TUBE [IN]	SEAT TUBE /c-t/ [IN]	HEAD TUBE LENGTH [CM]	HEAD ANGLE	SEAT ANGLE	BB HEIGHT [IN]	Chain Stay Length [in]	STAND-OVER [IN]	FORK TRAVEL	FRAM Size [IN]	e effective Top Tube [IN]	SEAT TUBE /c-t/ [IN]	HEAD TUBE Length [Cm]	HEAD Angle	SEAT ANGLE	BB HEIGHT [IN]	Chain Stay Length [in]	STAND-OVER [IN]	FORK TRAVEL
16*	22.50	16.0	11.0	71.00	74.50	11.875	17.55	29.8	100mm	14'	21.50	17.5**	11.0	68.80	74.50	11.80	17.4	29.0	100mm
17	23.00	16.5	11.0	71.25	74.25	11.875	17.55	31.3	100mm	15'	22.00	17.5**	11.0	69.00	74.50	11.80	17.4	29.0	100mm
18	23.50	17.5	11.0	71.25	74.00	12.000	17.55	32.1	100mm	16'	22.50	17.5**	11.0	69.00	74.25	11.80	17.4	29.0	100mm
19	24.25	18.5	11.0	71.25	73.75	12.000	17.55	32.5	100mm	17'	23.00	17.5	11.0	69.00	74.25	12.00	17.4	30.3	100mm
20	24.75	19.5	12.0	71.50	73.50	12.000	17.55	33.2	100mm	18'	23.50	18.5	12.0	69.50	74.00	12.00	17.4	31.0	100mm
22	25.50	21.0	13.0	71.50	73.25	12.125	17.55	34.1	100mm	19'	24.25	19.0	13.0	69.50	74.00	12.00	17.4	31.5	100mm
+00МГО 0												20.0	14.0	70.00	73.75	12.20	17.4	33.3	100mm
"COMES S	*COMES STANDARD WITH CURVED TOP TUBE FOR GREATER STAND-OVER											22.0	15.0	70.00	73.75	12.20	17.4	34.4	100mm

STAND-OVER

[IN]

29.5

29.7

32.4

32.4

33.9

STAND-OVER

[IN]

30.0

32.0

32.6

33.2

34.1

FORK TRAVEL

100mm

100mm

100mm

100mm

100mm 35.1 100mm

FORK

TRAVEL

100mm

100mm

120mm

120mm

120mm

35.3 120mm

#### the MOOTO X YBB 29"

FRAME EFFECTIVE SEAT UBE HEAD TUBE HEAD SEAT BBHEIGHT C SIZE TOPTUBE /C-T/ LENGTH ANGLE ANGLE [N] [N] [N] [N] [N] [CM]	Hain Stay Length [in]
16* 22.50 19.5** 11.0 70.50 74.50 11.875	18.1
17* 23.00 19.5** 11.0 70.75 74.25 12.000	18.1
<b>18</b> * 23.50 19.5 12.0 71.00 74.00 12.000	18.1
19* 24.25 19.5 12.0 71.25 73.75 12.125	18.1
<b>20</b> 24.75 20.0 13.0 71.50 73.50 12.125	18.1
<b>22</b> 25.50 22.0 14.0 71.50 73.25 12.250	18.1

\*COMES STANDARD WITH A CURVED TOP TUBE FOR GREATER STAND-OVER \*\*DESIGNED WITH TOP TUBE TO SEAT TUBE STRUT

#### the MOOTO X 29"

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\*COMES STANDARD WITH A CURVED TOP TUBE FOR GREATER STAND-OVER

#### the ROGUE RSL 27.5" X

\*COMES STANDARD WITH A CURVED TOP TUBE FOR GREATER STAND-OVER

#### the ROGUE YBB 27.5" NEW

\*COMES STANDARD WITH A CURVED TOP TUBE FOR GREATER STAND-OVER \*\*SEAT TUBE USES STRUT

#### the **DIVIDE** 26"

FRAME SIZE [IN]	EFFECTIVE TOP TUBE [IN]	SEAT TUBE /c-t/ [IN]	HEAD TUBE LENGTH [CM]	HEAD Angle	SEAT ANGLE	BB HEIGHT [IN]	Chain Stay Length [IN]	STAND-OVER [IN]	FORK TRAVEL
14	21.2	15.75	11.0	69.00	73.25	13	16.9	29.2	100mm
15	21.6	15.75	12.0	69.00	73.25	13	16.9	29.3	100mm
16	22.2	15.75	13.0	70.00	73.25	13	16.9	29.3	100mm
17	22.8	15.75	13.0	70.00	73.25	13	16.9	29.3	100mm
18*	23.3	17.50	14.0	70.00	73.25	13	16.9	29.3	100mm
20*	24.3	19.50	16.0	71.00	73.25	13	16.9	29.5	100mm

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#### Spec Definitions and Notes

- with 2.2" tires
- Over, measured with 25% sag
- Effective Top Tube: Measured parallel to ground, from cranksets using 22/32/42 gearing
- top of head tube center to seat tube center
- Seat Tube Length: Center of BB to top of seat tube
- BB Height: From flat ground to center of BB with 2.2" tire All Mountain Bikes: Max tire 2.2"

- All Mountain Bikes: Stand-Over measured unsagged Stand-Over: Measured at top tube mid-point, unsagged
- All Mountain Bikes: Some frame size/fork model combos • All YBB and Hardtail Bikes: All specs, except Stand- may cause down tube to fork crown interference
- Over, measured with 25% sag
   All Mountain Bikes: Designed for use with 160mm max disc brake rotors and with Shimano 50mm chainline
  - All Mountain Bikes: Designed with 44mm head tube using tapered forks/external lower bearing head set





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