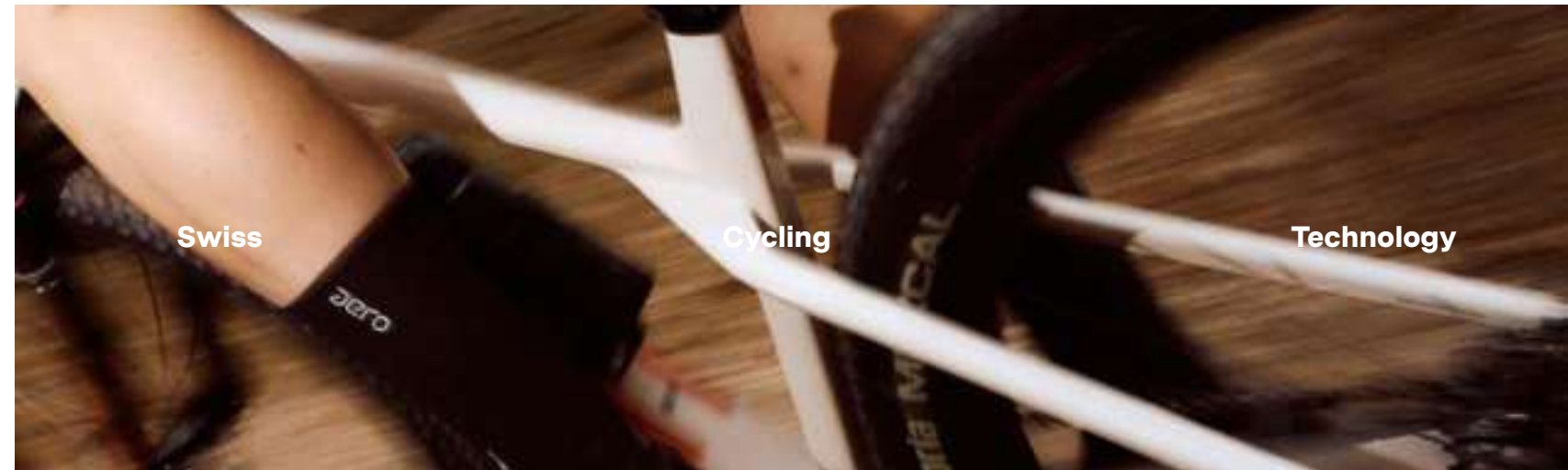




Swiss

Cycling

Technology

BMC

Create Speed.

TWOSTROKE

01

A professional mountain biker is shown in action on a dirt trail. The rider is wearing a blue and white BMC jersey with various sponsor logos including ABUS, SKF, MOTUL, MAGGIORI, OHLINS, ENVE, and SHIMANO. They are also wearing a white helmet, pink-tinted goggles, and black gloves. The bike is a full-suspension mountain bike with a black frame and white accents. The rider's left leg is visible, showing some dirt and a small abrasion. The background is a blurred dirt trail with a large rock on the right side.

EVERY

WATT

EVERY



WIN

A cyclist wearing a blue and red BMC jersey and a white helmet is riding a black BMC mountain bike down a steep, rocky trail. The trail is marked with red tape. The background is a lush, green forest.

**Built for the front row,
the second generation Twostroke 01
carries BMC's XC racing heritage
forward into the future.**

**A refined geometry and
key technical upgrades
built on an already solid
hard-tail platform.**

**Swiss-born in our Impec Lab
it's ready to dominate your home turf,
or even a wild adventure in a distant land.**

**Born to race.
Fit for every challenge.**



We know everyone rides differently, we get it.

Race XC courses? Adventure out your backdoor?
Rip across continents? Set a new track record?
Or for a multi-day trip?

Whatever. We take every watt. You take every win.

A male cyclist with a mustache is riding a white and orange BMC Twostroke 01 mountain bike on a dirt trail through a forest. He is wearing a white and orange jersey, black shorts, a white helmet, and sunglasses. The background is blurred to convey a sense of speed.

SPEED

BY

DESIGN

GEOMETRY UPDATED.

Geometry gets most of the job done. Numbers that are finely tuned to get your wheels exactly where you want.

Multi-faceted.

You decide what you ride, how you ride. We planned for everything, from traditional to no nonsense rides and configurations. Twostroke 01 will be what you want it to be.

Geometry updated.

Higher efficiency. Better handling. Greater versatility. We changed its front end, how you fit on the bike, and how it will accept different specifications of the components you choose.

01 Premium.

Our best carbon grade. Yes you deserve it! Attention to detail and high quality craftsmanship give the Twostroke the foundation to support your ambition.





MULTI-FACETED.

Pure XC racing from short course to marathons, are covered. Podiums in sight.

Adventure? Strap your bags and roll! The Twostroke has always been the BMC for the multiday rides on rough terrain.

It could even be our most capable gravel bike if you want it to be. From Frankenbike to race weapon, with eyes on the future, we designed it for the next generation of trail stars.





BORN IN THE IMPEC LAB.

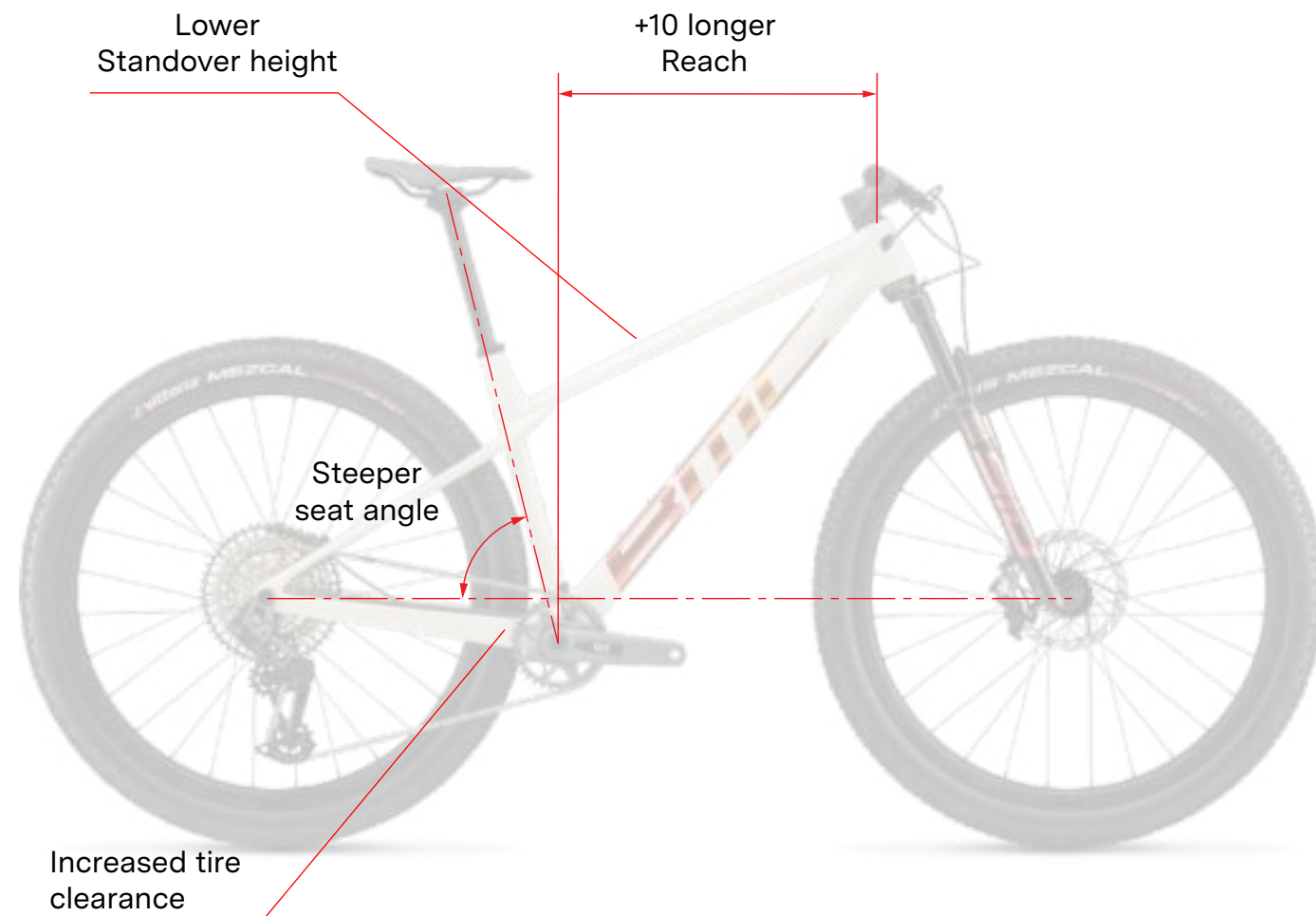
Geometry is not improvised, it's tested and perfected through Impec Lab research.

One of the hidden strengths of the Impec Lab is the ability to rapidly machine components that allow the Impec Lab engineers to test and validate theories, in real time.

Where better to test out different geometry variations than live out on the trails. Immediate feedback, immediate improvements.

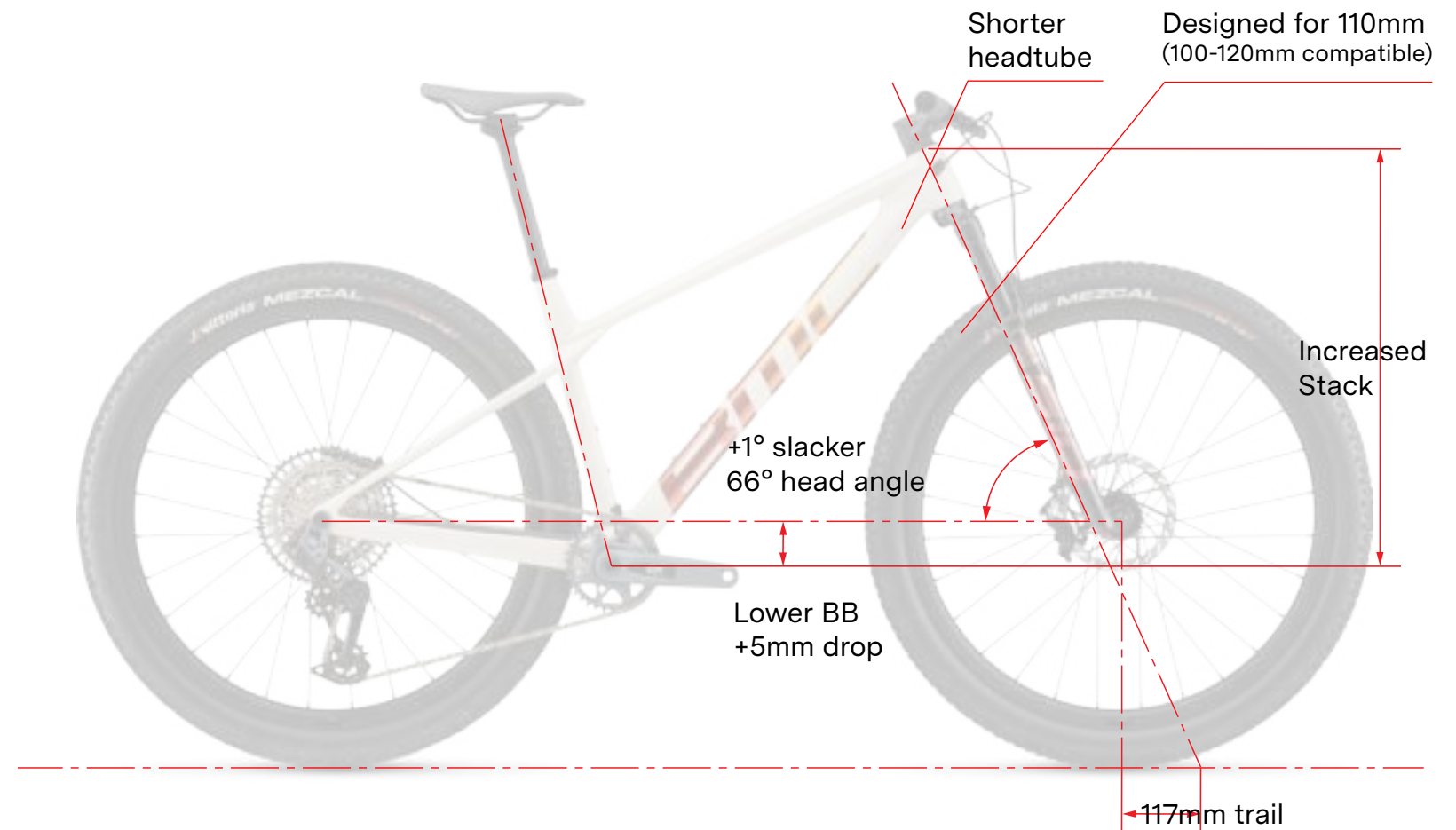
WORLD CUP CONFIGURATION. AND MORE.

Our new hardtail features a progressive geometry and fast design, meeting the latest standards. Now fully aligned with the Fourstroke philosophy.



Pedal to the medal

- Reach +10mm
- Slightly steeper seat angle
- 61mm tire clearance
- Lower standover height

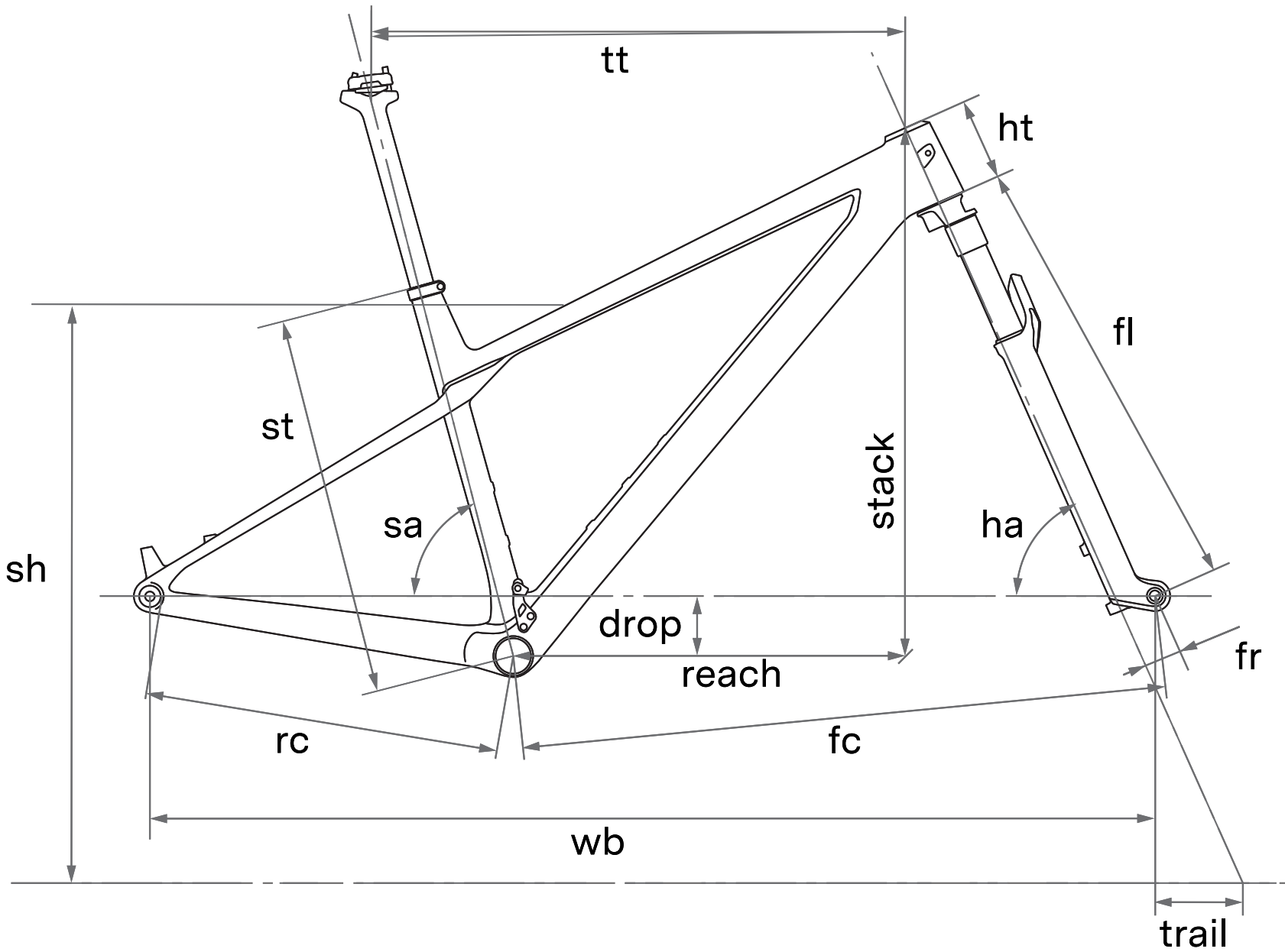


Up-to-date front end

- Designed around 110mm travel forks (516mm) and compatible from 100 to 120mm.
- Shorter headtube to limit additional stack with longer travel forks.
- 66° head angle (1° slacker). 117mm trail.
- Adjusted BB height +5mm

GEOMETRY.

Size	S	M	L	XL
Rider height (cm)	<172	170-180	178-188	>188
Stack	600	605	610	617
Reach	432	455	475	497
Seat Tube (st)	410	440	480	510
Top Tube (tt)	585	609	630	654
Headtube (ht)	83	89	94	103
Seat Tube Angle (sa)	75.5	75.5	75.5	75.5
Head Tube Angle (ha)	66	66	66	66
Rear Center (rc)	425	425	425	425
Front Center (fc)	720	745	767	792
Wheelbase (wb)	1136	1161	1183	1209
BB drop (drop)	69	69	69	69
Fork Length (fl)	518	518	518	518
Fork Rake (fr)	44	44	44	44
Trail	117	117	117	117
Standover (sh)	713	713	730	730



Frame	998g
Seatpost	150g
Total Frameset	1 148g

Size M painted.



A mountain biker wearing a blue and red BMC jersey and a white helmet with red and blue stripes is captured mid-air, jumping over a large tree root. The rider's number 2 is visible on the front of the bike. The background is a dense forest with many trees and green foliage.

TECHNICAL

Two mountain bikers are shown on a dirt trail. The rider in the foreground is wearing a red and white jersey and a white helmet, leaning forward on the handlebars. The rider in the background is wearing a white and red jersey and a white helmet, also leaning forward. The trail is made of reddish-brown dirt and is surrounded by trees and foliage.

REFINEMENTS



CARBON COMPLIANCE.

Riding fast requires maintaining the optimal position on the bike. One that allows you to push hard on the pedals while minimizing fatigue. That's why we designed the Twostroke with compliance and comfort at its core.

Our BMC 01 Premium construction strategically places material only where strength is needed, and removes it where controlled flex improves performance.

The tube shapes and geometry play a major role in delivering the signature Twostroke 01 ride quality. Its pronounced sloping top tube, low seatstays, and uniquely engineered seat tube all work together to help you give everything you've got, right up to the finish line!

A compliant D-shaped seatpost adds a few valuable millimeters of deflection for extra comfort. And if the terrain or your riding style demands it, the Twostroke 01 is fully compatible with a dropper post or any standard Ø27.2 mm seatpost.

TECHNICAL EVOLUTIONS.

Not every innovation requires a revolution. More often, it's about the right evolution. Small, deliberate improvements that make a meaningful difference.

We refined the cable routing to significantly reduce front-end "cable salad" and protect the head tube paint from hose friction.

Inside the frame, the fully integrated cable paths have been re-engineered to make brake and dropper-post installation smoother and more intuitive.

The Twostroke 01 is purpose-built for XC performance. We optimized it around lightweight XC brake setups and selected a 160 mm Post Mount standard, positioned on the seat stay to complement the bike's ultra-compact rear triangle.

As introduced on the Fourstroke, versatile hydration mounting comes standard. With three threaded inserts on the downtube, you can choose the ideal bottle-cage position, and you can confidently fit two bottles inside the front triangle.





DRIVETRAINS SOLUTIONS.

Given the wide variety of riding styles and the many ways riders may configure their Twostroke 01, we've prepared the platform to accommodate multiple setups with ease.

The Twostroke 01 is compatible with AXS, Di2, and mechanical drivetrains, allowing you to choose between the straightforward reliability of cable-actuated shifting or the crisp precision of electronic systems.

Cranksets and chainrings in a broad range of sizes fit the frame perfectly. Designed around a 55 mm chainline and compatible with chainrings from 26T to 38T, the Twostroke 01 lets you tailor your gearing to any terrain or challenge.

A 92mm press-fit bottom bracket standard provides the ideal balance of stiffness, weight savings, and carbon-frame optimization. The result? Improved power transfer, sharper acceleration, and durable performance on demanding XC courses.

Our custom chain guide is mounted securely to the frame and can accommodate chainrings between 32T and 36T, thanks to a fully adjustable design that ensures optimal chain control at all times.

Twostroke 01

01 Premium carbon frame

ICS Carbon XC Cockpit
& MSM01 compatible

Compliant D-shape
Seatpost

Improved cable routing

Full Mount

110mm travel optimized.
100 to 120mm compatible

61mm Tire Clearance

Chain guide

Multiple bottle cage mounts



QUESTIONS

&

ANSWERS

What type of rider is the Twostroke designed for?

The Twostroke is built for riders seeking a fast, lightweight XC hardtail with progressive geometry. It's designed for XC racers, ambitious trail riders, and anyone who wants a responsive, efficient bike for training or everyday performance.

Thanks to its versatile frame design and wide range of compatible configurations, the Twostroke 01 also appeals to adventure riders and gravel enthusiasts looking for a capable, adaptable platform for long journeys and varied terrain.

How modern is the geometry?

Very modern. The Twostroke features:

- 66.0° head tube angle
- 75.5° seat tube angle
- Long reach + short chainstays (425 mm)

These numbers make it significantly more progressive than older XC hardtails, boosting downhill confidence and climbing efficiency.

Is the Twostroke comfortable for a hardtail?

Surprisingly, yes. Thanks to its dropped and widened flat seatstays and a compliant D-shaped seatpost, the carbon frame provides noticeable vertical give. It's comfort by design, something rarely found in classic, rigid XC hardtails.

How is the frame quality?

The Twostroke uses BMC's highest-grade carbon with clean lines and fighter-jet-inspired tube shaping.

What about the fork and front-end ride?

Builds are equipped with either a 110 mm RockShox SID or Judy, depending on the model. But our engineers also planned ahead for riders who may want to fine-tune their setup. The Twostroke 01's structure and geometry are fully compatible with forks ranging from 100 mm to 120 mm of travel.

How good is the climbing performance?

Excellent... this is an XC hardtail we're talking about! The steep seat tube angle and stiff bottom bracket give the Twostroke 01 a powerful, efficient climbing position. Increased tire clearance adds even more versatility, letting you choose the ideal rubber for improved traction across varied terrain.

Is the bike fun on descents?

More than most XC hardtails. The slacker 66° head angle and long reach boost confidence, while the light frame keeps the ride playful. The bike feels stable yet responsive on technical descents.

What tire clearance does it have?

The Twostroke 01 accommodates tires up to 61 mm wide, all while preserving the essential 6 mm safety clearance between tire and frame.

Does the Twostroke support a dropper post?

The seat tube is engineered around our compliant D-shaped seatpost, yet it still supports standard Ø27.2 mm posts via a dedicated shim. Dropper posts use the same shim and integrate seamlessly thanks to fully internal actuation-cable routing.

Does it have a fork-stopper? Is it useful?

Yes, the Twostroke includes an integrated fork stopper to protect the frame in a crash without restricting steering while riding.

How heavy is the new Twostroke 01?

Our Twostroke 01 ONE weighs 9.4kg, size M as pictured without pedals. The frame weighs 998g in size M and the lightest colorway (black).

Can I easily change the travel of my fork from 110 to 100 or 120mm travel?

This depends on your fork specification and its compatibility with a new airshaft. Some forks are not allowing some travel options.

- the SID SL Select+ allows for 100 and 110mm travel options.
- the Judy Silver allows for 100, 110 and 120mm travel options.

Can I attach bags and luggage to the Twostroke 01?

Yes, you can. The Twostroke 01 allows you to strap bags within and around the main triangle, and you can also mount a saddle bag without issues.

However, always make sure to respect the maximum rider weight, which includes the weight of any additional cargo. Exceeding this limit may affect performance and safety.

Can you install a drop bar and turn the Twostroke into a gravel bike?

Yes, it's technically possible, but there are important limitations to keep in mind.

First, the Twostroke's reach is 60 to 75 mm longer than what you'd find on a typical gravel bike. This means achieving a proper drop-bar riding position can be challenging. You may need to consider sizing down to compensate for the longer frame, but doing so requires close attention to your saddle height and ensuring you still meet the minimum seatpost insertion requirements.

So while the answer is yes, it's a fairly tricky setup. We strongly remind riders that the Twostroke 01 is fundamentally an XC mountain bike, and converting it into a gravel configuration will always come with compromises.

BMC

BMC

