

BMC



BMC

Create Speed.

KAIUS

01



UNBOUNDED

Kaius 01

SPEED



Born from three forces of the frontier:
the brother who dances with the wind,
the one who moves weightless over mountains,
and the one carved unbreakable from the earth.

United, they form the all new Kaius
that carries speed, lightness, and strength into every wild
mile.

**Gravel racing is faster,
faster than ever
and just keeps ratcheting up.**



Introducing the all new Kaius 01.

The latest generation brings unmatched speed, sensations like no other bike can provide, with the grip and control that is demanded by the best.

This isn't just an evolution of the original Kaius, it's the answer to every gravel racer's wish.



W i n d



M o u n t a i n



E a r t h



From the three gravel frontier forces, wind, mountain, and earth, Kaius draws its spirit.

Its design aligns seamlessly with the horizons it shall be raced alongside of, borrowing the raw, shifting colors of the elements that shape it.

Fast through the wind, lightweight across the heights, and as strong as the ground beneath which it travels, Kaius is built for gravel racing and pure effort, where endurance is tested, speed is earned, and every horizon is reached the hard way.

AERO + STIFFNESS + WEIGHT



AERO+STIFFNESS+WEIGHT.

We design bikes with the perfect balance of race characteristics. Inspired by the the three gravel frontier forces:

The brother who dances with the wind.

Aero Fast. Gravel races are fast. Real fast. Up to and sometimes above a 35 kph average. The road-proven aero advantages of the Teammachine R 01 are now present in the gravel arena.

The brother carved unbreakable from the earth.

+3% stiffer, but it's not just numbers. Bigger tires and added compliance transform the ride into something entirely new.

The brother who moves weightless over mountains.

No weight added. The $1 + 1 = 1$ paradox. More aero. More stiffness. Yet the same lightweight package. Call it dark magic.



Add aero. Add tire clearance.
Add cargo capacity.
But add no extra weight.

That's the new Kaius paradox: more of everything,
yet the scale stays the same.

In fact, the second-generation frameset is
63 grams lighter than the original, proof that
progress doesn't have to weigh you down.

Frame	998g
Fork	400g
Seatpost	134g
Total Frameset	1 532g

*Size 54 painted. When compared to previous generation of Kaius 01





AEROSYNTHESIS.

BMC's AeroSynthesis is a design philosophy and technology approach focused on harmonizing aerodynamic performance and system integration in bicycle development.

Designing seamless integration (rider + components + frameset), together with advanced computational fluid dynamics (CFD), wind tunnel testing, and real-world testing.

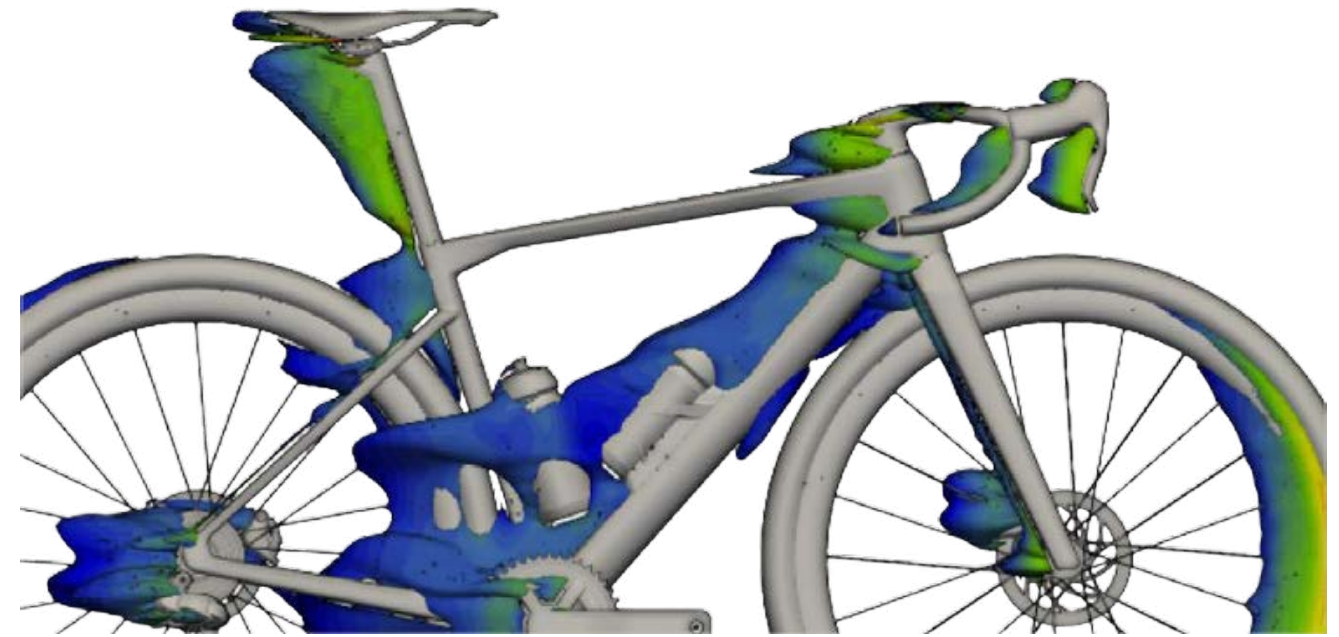
A complete equation to reduce drag, improve airflow efficiency, and enhance overall speed.

12% FASTER FRAMESET.

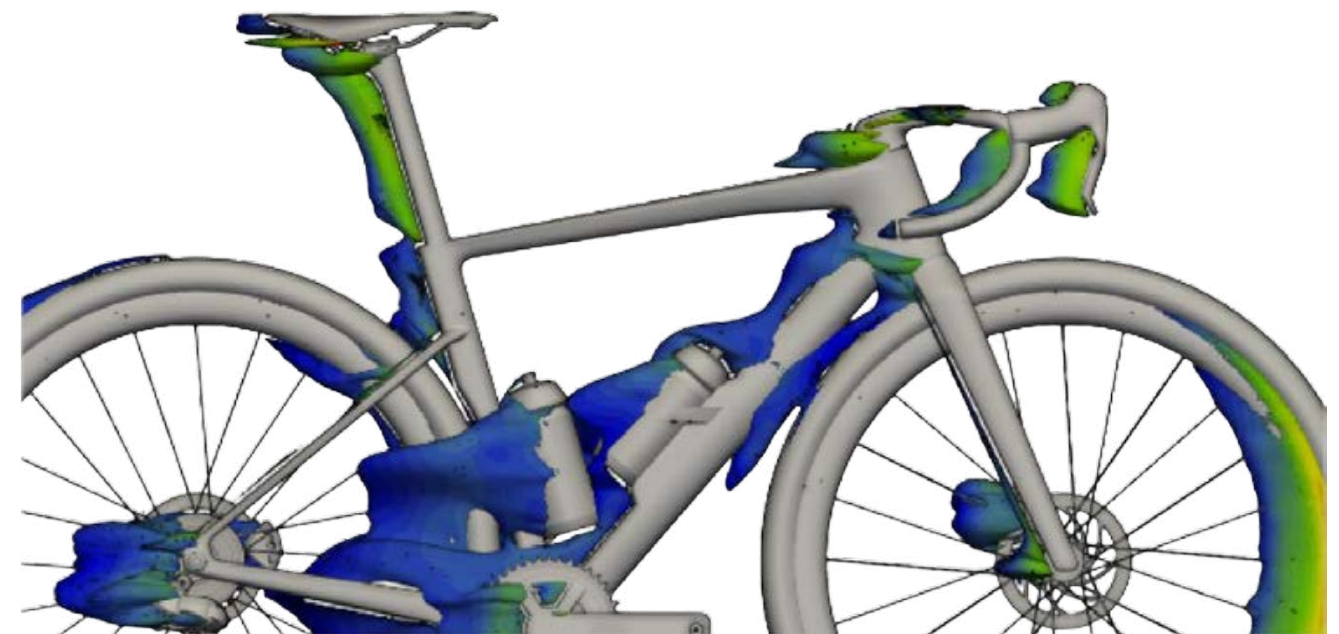
What began as borrowed speed has grown into a character of its own: sharper, sleeker, and crafted for riders who chase horizons with intent.

The first generation Kaius carried the spirit of the Teammachine SLR 01, borrowing its aero design, speed and proving that a gravel bike could race with the heart of a road champion. With a rainbow jersey as proof...

But evolution never stops. The new Kaius rises from that legacy, with reshaped aerodynamics inspired by both the latest generations of Teammachine SLR 01 and the Teammachine R, two icons born to cut through air and redefine fast. This is a race bike after all.



Kaius 01 Gen1 + current Aero cockpit + 45mm tires
[vs]
Kaius 01 Gen2 + new Aero cockpit + 45mm tires



AERODYNAMIC ANATOMY



The front end is defined by the wide-crown Halo fork, designed to push airflow away from the wheel and tire while creating generous tire clearance. It's a concept proven on aero-driven platforms like the Teammachine R and even the Timemachine Mpc.



AS10 refers to Aero Shape Type 10, a testament to our long-standing expertise in seatpost design. Lightweight, aero, and compliant, this latest iteration fits the demands of gravel racing like a glove.



With its newly sculpted downtube, the Kaius advances our AeroCore philosophy once again, shaping the tube to anticipate the aerodynamic effects of your hydration setup. The result: a bike that's actually faster with bottles.



A deep cross-section head tube echoes the optimized aero profile of the Teammachine R, and when paired with the new ICS Carbon Aero cockpit, there's no doubt, you're riding a machine built for speed.





CARNAGE

READY





COMPLIANCE. COMFORT. TRACTION.

Riding fast starts with the ability to hold the perfect position for hours on end. Stable, efficient, and ready to push hard without burning out.

But speed isn't only about power. It's about control. And yes, compliance can make you faster.

Because when the bike stays planted and your wheels stay connected to the ground, traction takes over.

And traction is speed.



BIG TIRES.

Comfort and traction start with your tire choice. Larger tires deliver more comfort, improved grip thanks to a bigger contact patch, and superior traction for explosive accelerations and powerful braking.

The Kaius is now compatible with, wide, 52mm tires, while maintaining the ISO 6mm clearance. Futureproof.

Want to ride champagne gravel or road smoothness? Well, you can shrink those tires right down to 32mm and still have your pedals far away from ground contact.

SMOOTH RIDE.

Getting every watt available on rough terrains requires your body to be preserved from shocks.

With the new Kaius, BMC's Tuned Compliance Concept reaches its true potential. Engineered to keep you fresher, faster, and in control when the race gets rough.

Your body mass is suspended thanks to a built-in flexible compliance. The AS10 aero seatpost, the compliant Arete seat tube and seat stays, flex vertically when the ground is trying to kill your legs, and your head.

The new Kaius 01 now comes with the AS10 aero seatpost and still offers the same compliance as the previous generation.





FEA OPTIMIZED FLEX.

Pedaling stiffness. Check.
Vertical compliance. Check.

The carbon layup of the frame can be built for both pedaling stiffness and vertical compliance. They don't have to contradict.

Our new compliant Arete seat tube, in combination with the AS10 aero seatpost, suspend you. Offering a few centimeters of vertical deflexion. Enough to keep you fresher for your end sprint.

DRIVETRAINS.

Terrains vary too much for a simple solution to work every time. You need to adapt your drivetrain components, boost gears ratios or tune them down.

Our engineers made sure that your technical creativity will not be frustrated.

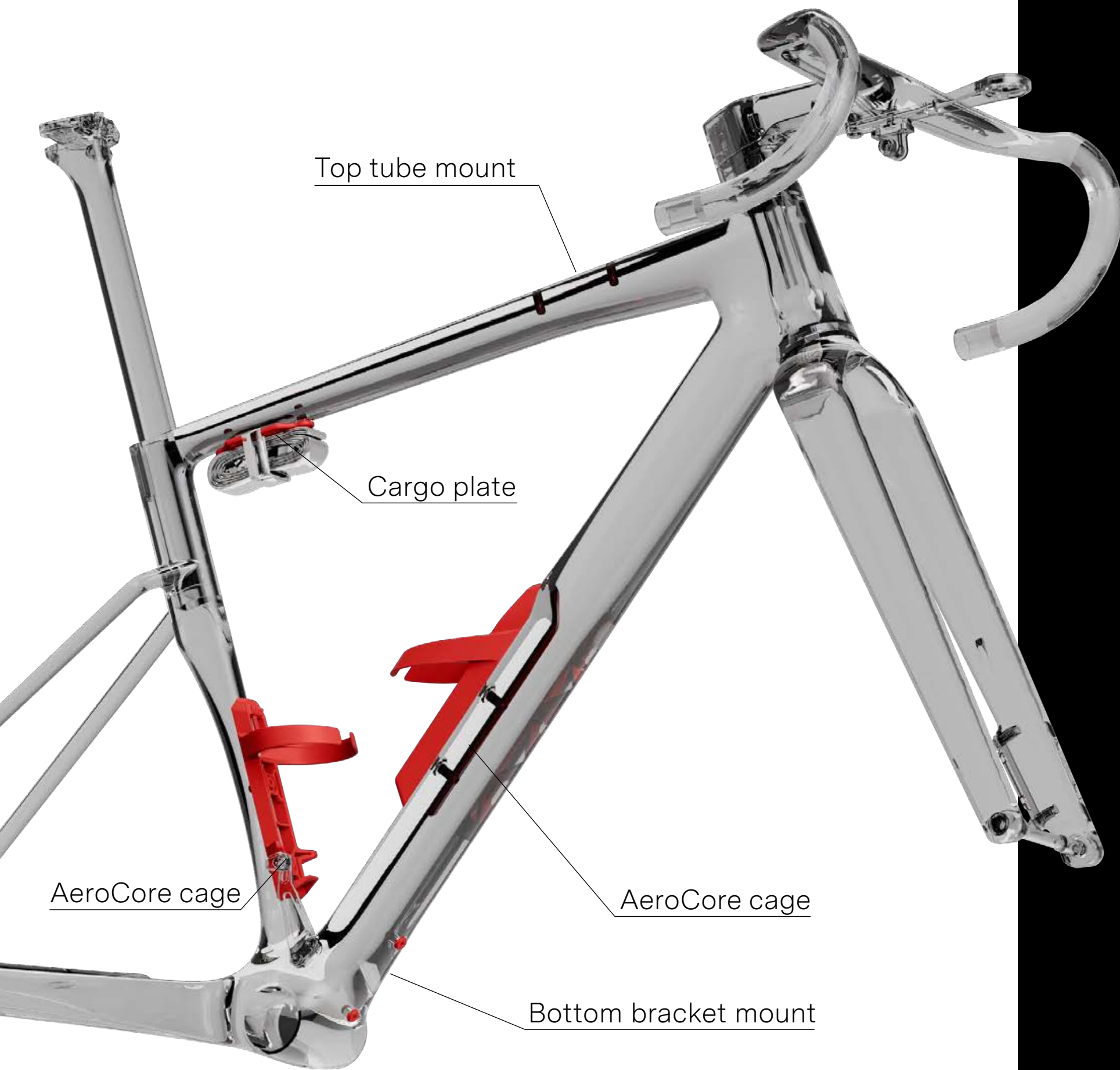
- 1x Crankset ready for Gravel and MTB gear ratio.
- Integrated lightweight chain guide.
- Chainrings from 32t to 50t.
- 38t to 50t with chainguide.
- Durable T47x85.5 Road Wide. Stiff frame, tire clearance and bigger ball bearings for SRAM DUB.



44T to 50T

38T to 42T

Wide chainline (49.7mm)



STORAGE.

You need stuff. And sometimes a lot. And not needing to think about it is obvious.

Kaius 01 is still using AeroCore bottle cages but with the Teammachine R 01 version for better aero.

An additional bottle cage mount underneath the downtube allows for the carriage of an extra bottle or tools.

Of course we kept the top tube storage. Set a bit further away from the headtube to allow for bigger bags.

New with this Kaius, is BMC cargo plate underneath the top tube, allowing you to carry accessories on your bike frame instead of in jersey pockets.

BMC

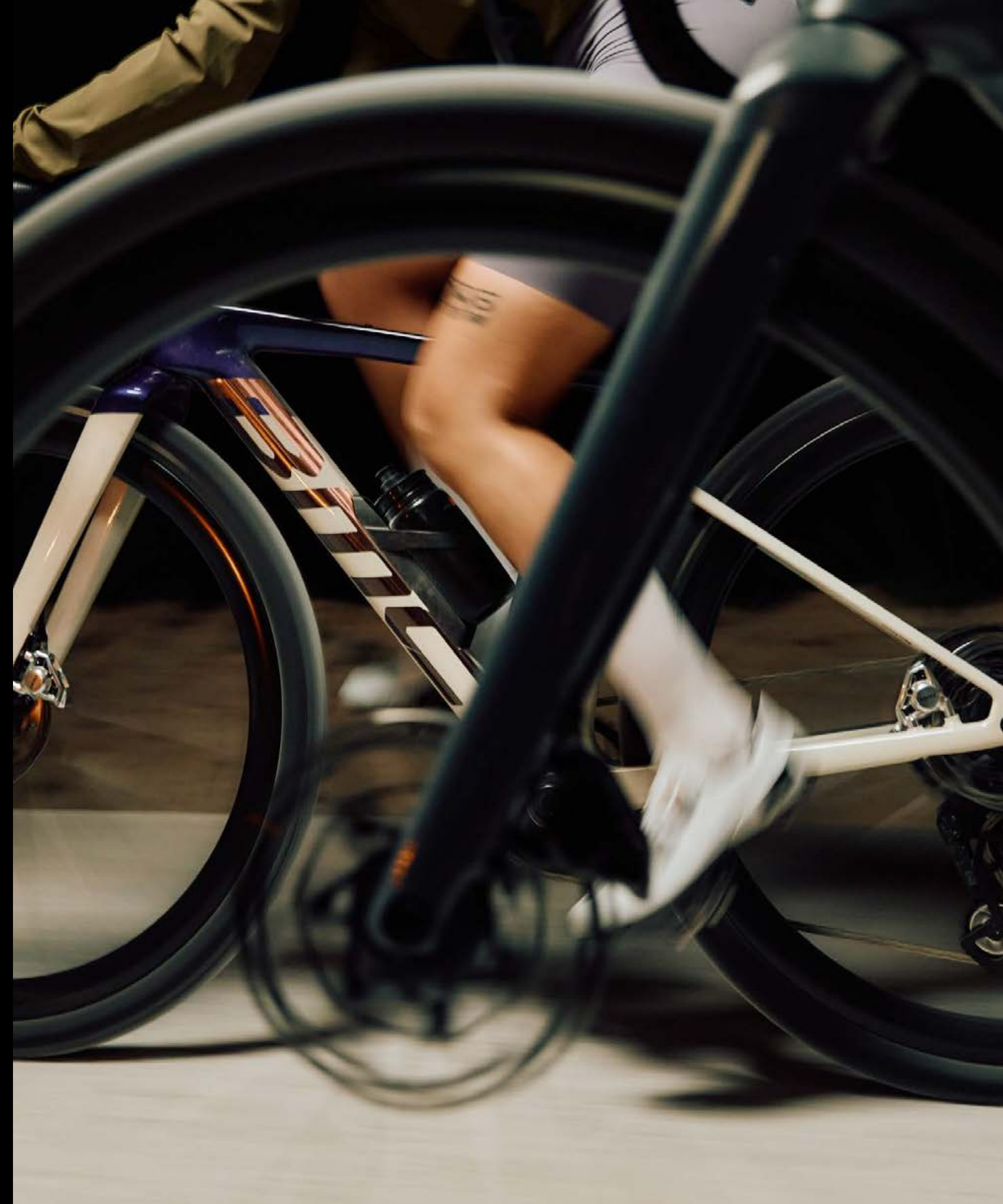
RIDE

FEEL

MAGIC NUMBERS. NOT SO MAGIC.

We took feedback from the world's fastest gravel racers, looking to be even faster. Creating a geometry with a magic feel but not just magically improvised.

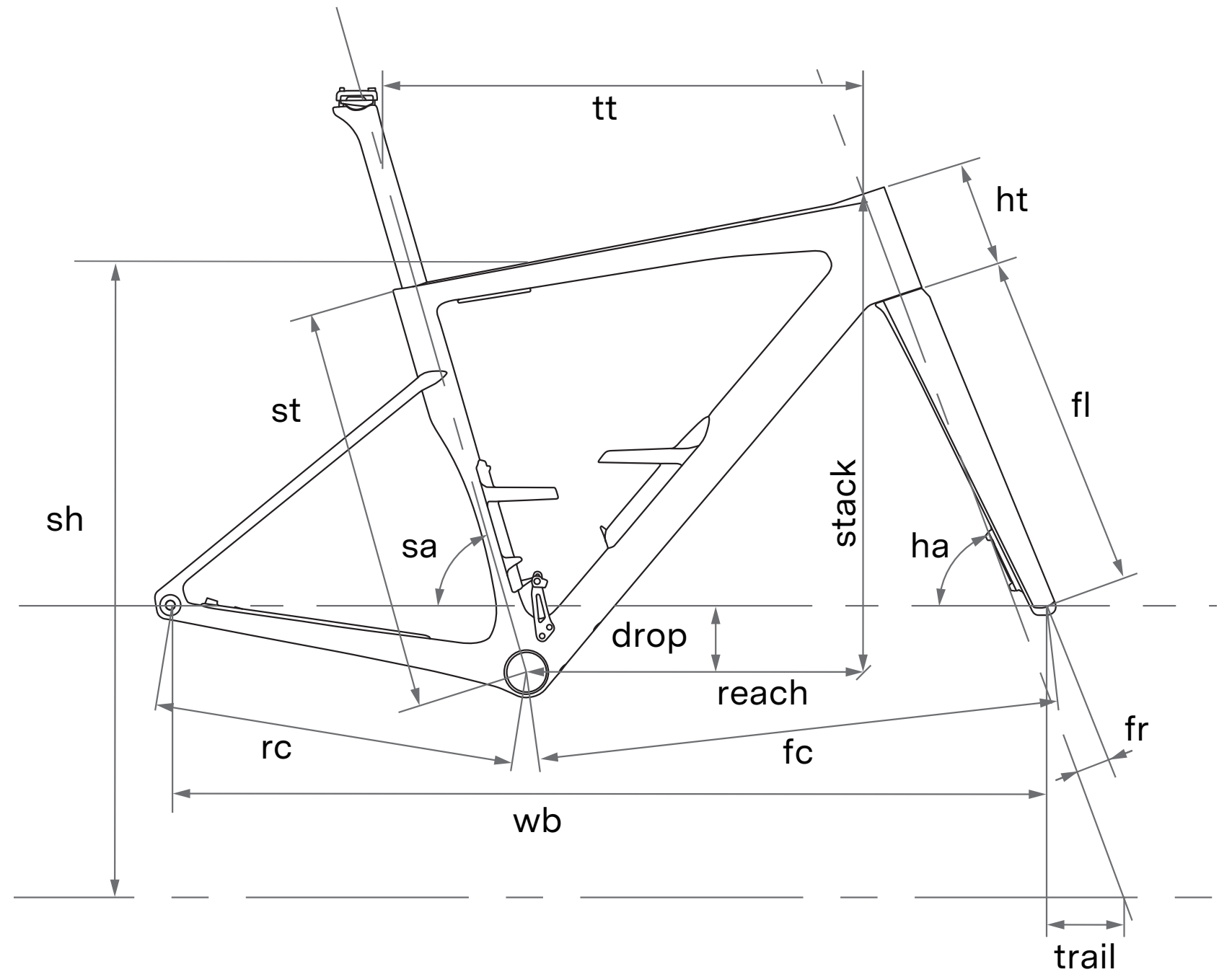
- 5mm shorter reach for an aggressive position and to shift more weight above front wheel.
- +11mm higher stack because, well, it's rough out there.
- Same BB drop resulting in a 10mm higher ground clearance.
- 4mm longer trail to improve front end traction.
- Reconstructed chainstays, allowing for improved rear end traction with an extra 5mm and keeping the same stiffness as before.
- Same head angle as before for reactive handling.





GEOMETRY.

Size	47	51	54	56	58	61
Rider height (cm)	<166	166-174	172-180	178-186	184-192	>190
Stack	521	541	561	581	606	631
Reach	385	392	396	400	405	409
Seat Tube (st)	429	449	471	485	509	533
Top Tube (tt)	531	544	559	569	587	598
Headtube (ht)	88	109	126	147	173	199
Seat Tube Angle (sa)	74.3°	74.3°	73.8°	73.8°	73.3°	73.3°
Head Tube Angle (ha)	70.8°	70.8°	70.8°	71.6°	71.6°	71.6°
Rear Center (rc)	425	425	425	425	425	425
Front Center (fc)	597	611	614	619	633	645
Wheelbase (wb)	1010	1024	1027	1032	1045	1058
BB drop (drop)	79	79	79	79	79	79
Fork Length (fl)	397	397	397	397	397	397
Fork Rake (fr)	50	50	50	45	45	45
Trail	72	72	72	72	72	72
Standover (sh)	739	758	779	795	815	838



Kaius 01



AS10 AeroShape Seatpost

High Stiffness-to-Weight 998g frame

ICS Carbon Aero Gen 2
Integrated Cockpit Systems (ICS)

Cargo mounts
with carriage plate

Stealth Dropouts Design

Arete Compliant seattube

Full Mount

Aerodynamic Tube Profiles

AeroCore Bottle Cages

52mm Tire Clearance

Chain guide

T47x85.5 bottom bracket

Additional bottle cage mount



QUESTIONS & ANSWERS

WHAT IS THE BMC KAIUS DESIGNED FOR?

The Kaius is specifically designed for gravel racing, combining low weight, stiffness, and aerodynamic shaping to maximize speed on rough surfaces.

HOW MUCH DOES THE FRAME WEIGH?

The Kaius 01 frame weighs around 998 g, with the fork at 400 g, seatpost at 134g making it one of the lightest gravel race frames available.

The complete bike weight of the MY27 Kaius 01 ONE is 7.1 kg in size 54, as pictured on the website, including all accessories, without pedals.

WHAT TIRE CLEARANCE DOES IT SUPPORT?

The Kaius supports up to 52 mm tire width, making it suitable for most race-focused gravel terrains.

IS IT COMPATIBLE WITH 1X AND 2X DRIVETRAINS?

No. The Kaius frame is no longer compatible with 2x drivetrains. Only the fastest and newest 1x drivetrains.

WHAT IS THE BIGGEST CHAINING I COULD FIT?

Chainrings from 32t to 50t without chainguide.

Chainrings from 38t to 50t with chainguide.

HOW DOES IT HANDLE ON ROUGH TERRAIN?

The bike is extremely fast and efficient on smooth and hard-packed gravel, and it can even handle very rough, technical terrain due to its progressive geometry.

WHAT MAKES THE BIKE AERODYNAMIC?

Aero performance comes from features like:

- Tube profiles heritage of the Teammachine R 01.
- Integrated AeroCore bottle cages
- Narrow ICS Carbon Aero cockpit of second generation

WHAT SIZES DOES THE KAIUS COME IN?

The Kaius is available in 6 sizes 47, 51, 54, 56, 58, and 61 cm.

HOW MUCH DOES THE COMPLETE BIKE WEIGH?

Depending on the model, complete bikes start around 7.1–8.3 kg (without pedals).

HOW MUCH DOES A BMC KAIUS COST?

For the MY27 range:

• Kaius 01 ONE	10 999 EUR	12 999 USD
• Kaius 01 TWO	7 999 EUR	8 999 USD
• Kaius 01 THREE	5 499 EUR	6 199 USD
• Kaius 01 frameset	4 499 EUR	5 099 USD

IS IT COMFORTABLE FOR LONG-DISTANCE GRAVEL?

It's built for race efficiency rather than plush comfort. It's most comfortable on fast, smooth gravel or mixed tarmac.

HOW MANY CARGO MOUNTS DOES IT HAVE?

We have included 5 cargo mounts with the standard 64mm bottle cage threads. If we list them all:

- downtube bottle cage mount including the AeroCore bottle cage.
- seat tube bottle cage mount including the AeroCore bottle cage.
- bottom bracket cargo mount underneath the downtube.
- top tube rear cargo mount including the cargo plate.
- top tube front cargo mount.

CAN I FIT AN OLD SHIMANO GRX ?

The frame is designed for modern racing groupset using wireless technology such as SRAM AXS or the latest SHIMANO Di2.

The frame does not offer electronic wires routing. Therefore it's not compatible with Shimano 12s Di2 with wired battery like RX810, RX825 or RX820 in 2x configuration.

Only the RX820 in 1x configuration, RX 710 are compatible as they feature a rear derailleur with integrated battery.

HOW CAN I CHECK IF MY TIRES FIT THE KAIUS 01, REGARDLESS OF THE STATED TIRE SIZE?

Inflate your tires to your normal riding pressure and let them sit for 24 hours so the casing can fully expand. Then slide a 6 mm hex key between the tire and any part of the frameset (frame, fork). If the key fits, you have the required 6 mm of clearance.

WHAT DOES THE SYSTEM WEIGHT LIMIT MEAN?

The system weight limit refers to the total allowable weight on the bike. This includes the rider's body weight, clothing, helmet, equipment, and any cargo or accessories mounted to the bike. This limit defines the maximum load under which BMC guarantees the structural integrity and performance of the frame. Exceeding the system weight limit may compromise safety and is not covered by warranty.

01

Unbounded



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Kaius