

**BMC**

Create Speed.

**Teammachine**

**01**

**AMP**

A close-up, low-angle shot of a cyclist riding a road bike. The cyclist's legs are in motion, wearing white socks and a white cycling shoe. The bike is black with gold accents on the frame. A white water bottle with a red cap is mounted in the frame holder. The background is a blurred road surface, suggesting motion. The text "Feel like a legend. Look like a pro. Climb like a beast." is overlaid in white, bold font. Below it, the word "YOU" is on the left, "AT" is in the center, and "160%" is on the right.

Feel like a legend. Look like a pro. Climb like a beast.  
**YOU AT 160%**

**The pure Teammachine SLR feel:  
lightweight, but amplified.  
The new BMC platform for your greatest rides yet.**



# Strength means nothing without speed.



Feel what it's like to fly up a climb, smash your personal record on that iconic ascent from your favorite Grand Tour, or keep pace with the fittest rider in your group... even if his name is Julian Alaphilippe.

We want you to look sharp, go fast, and feel the road the way you do when riding the finest race bike.

All of this... just amplified.

# REDEFINE GRAVITY

Adding weight for more power can backfire if it throws off the balance between power and overall bike weight.

More weight means more effort on climbs or more motor support. But if an e-bike gets so heavy that the extra power can't make up for it, the advantage of the motor starts to disappear.

The best riding experience comes from a carefully tuned harmony of power and weight. That's why we developed a lightweight, performance e-bike. We deliver what creates real speed, efficiency, and a more enjoyable ride. Did we mention it's in a package that makes it hard to even spot the hidden power?



REDEFINE GRAVITY

## Teammachine SLR 01



## Teammachine 01 AMP

REDEFINE GRAVITY AMPLIFIED



Teammachine 01 AMP is born with Teammachine SLR 01 DNA. Lightweight, best power transfer, aerodynamic and compliant.

Pure BMC Race DNA.



POWER-TO-WEIGHT



## LIGHTWEIGHT AMPLIFICATION.

More power is pointless if it adds weight. That's why we built the lightest road e-bike possible. Using the Teammachine's race-proven design and 01 Premium Carbon Technology, it rides like a classic race bike—just with extra power.

At the core is our uncompromising 01 Premium layup, tuned to deliver the highest stiffness while also relentlessly reducing weight.

The result is a sub-10kg e-road bike with 200 watts of smooth, natural assistance from the TQ-HPR40 motor system – territory no one else is playing in. Really, this is an industry first.

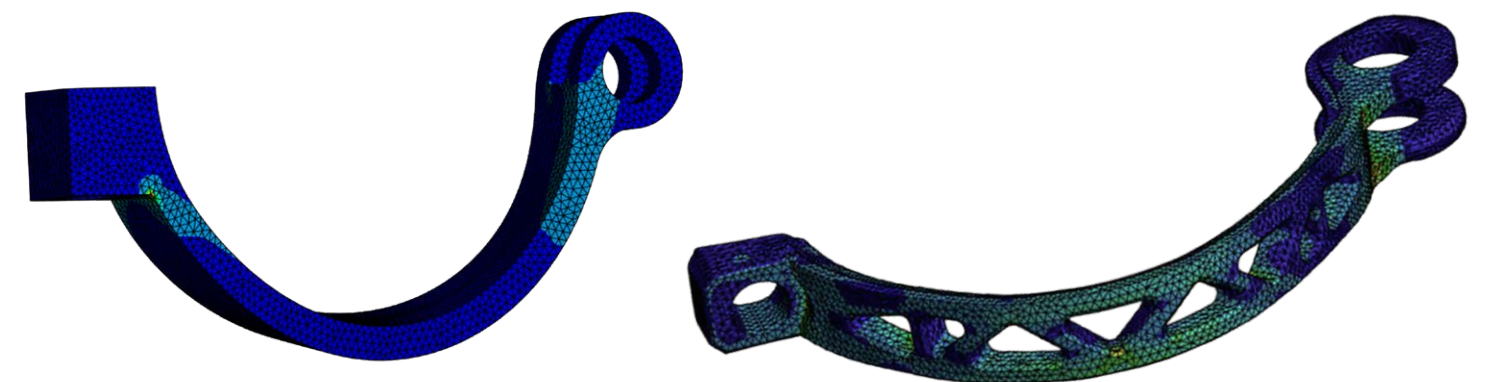
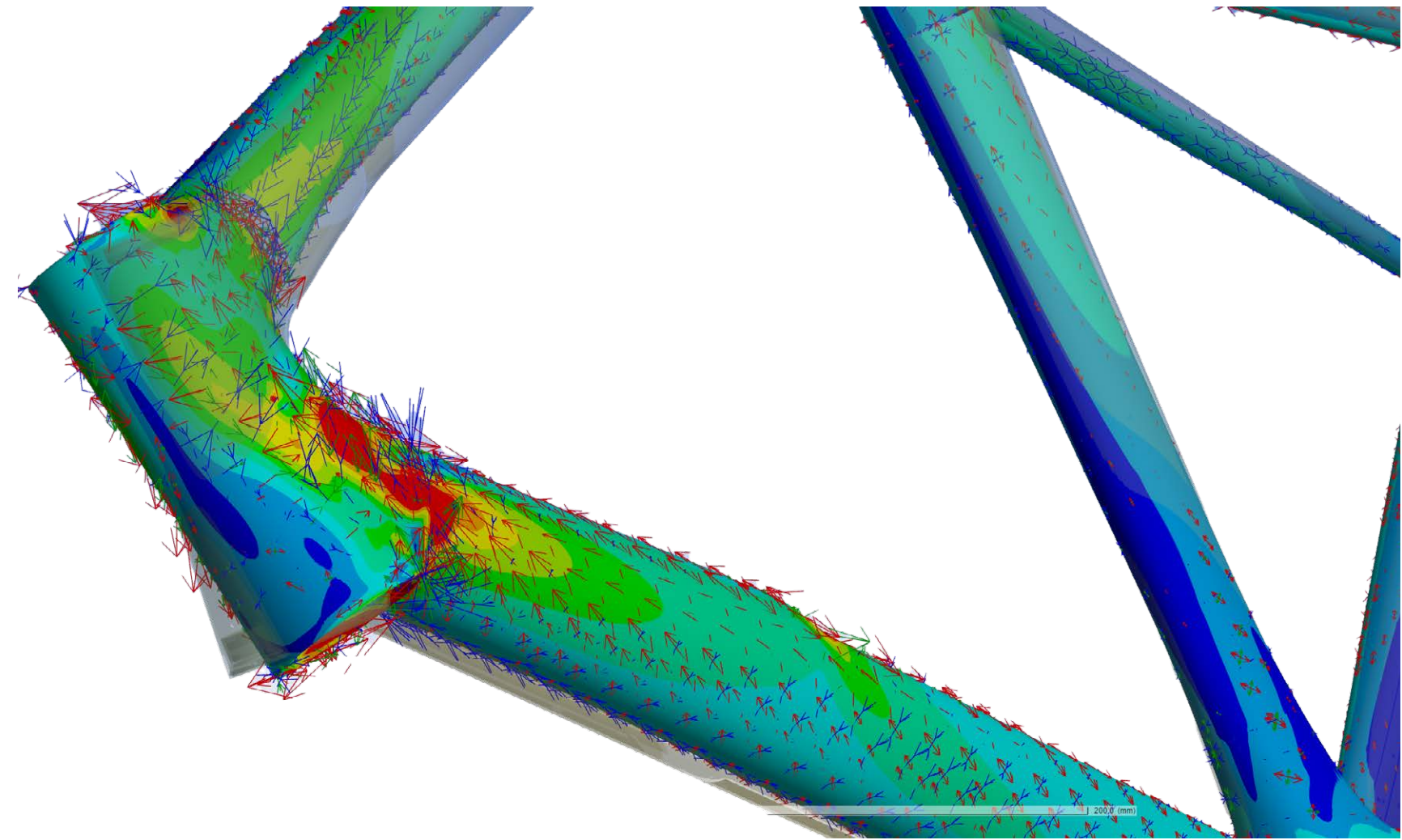
# FINITE ELEMENT ANALYSIS.

At BMC, we repeat this continuously, refining each iteration. Allowing us to build deep expertise and give real meaning to stiffness values.

Look at the shapes and tube profiles. Look familiar? They should, they are the Teammachine SLR's. As form follows function, their shapes provide the right balance of stiffness-to-weight and of course with the best aero performance of it's category.

The HPR40 drive unit is fitted with an innovative bracket system mounted on hinges in order to spread the clamping power over the frame. Literally, it's handcuffed to the frame.

The result: stiffness performance on par with the Teammachine SLR 01. Another example of how we prioritized that race bike feeling.



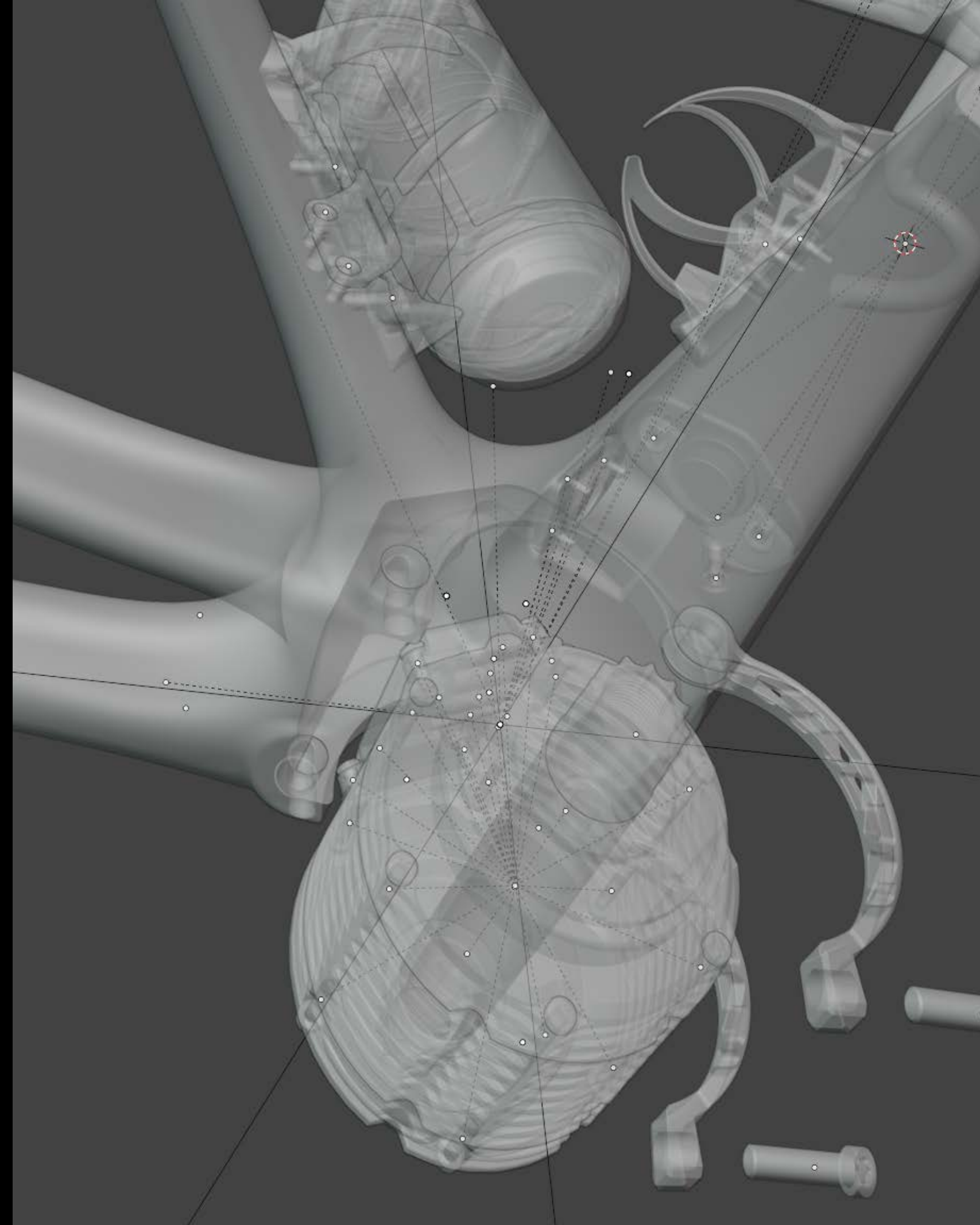
# HIGH POWER TRANSFER.

Road feel first, extra watts second: the Teammachine 01 AMP takes the instincts of a pure race bike and turns them up.

The Teammachine 01 AMP builds on everything we learned from the latest generation of the Teammachine SLR 01.

With meticulous attention to detail, our Impec Lab engineers matched the stiffness levels of the Teammachine SLR 01 and Teammachine R 01 race platforms. As a result, the Teammachine 01 AMP delivers sharp handling, rapid acceleration, and the unmistakable feel of a pure race bike.

The TQ HPR40 drive unit is seamlessly integrated into the frame, working in perfect harmony with the bike's construction. Every watt, whether it comes from your legs or the e-assist system, is transformed into efficient, forward speed.



**Total Frameset** 1 292g  
**Total e-System** 2 878g

Components 248g

Seatpost 134g

Battery 1 460g

Drive Unit 1 170g

Frame 795g\*

Fork 363g

No shortcuts were taken.

All electronic components are included to optimize your ride experience.

The selection of TQ components includes the Smartbox connectivity box, a full size display and rear light wiring.



# INTEGRATION

# SPOT THE DIFFERENCES.

Looks like the Teammachine SLR 01 ... only with 200W of extra power.



Teammachine SLR 01



Teammachine 01 AMP 

# POWER INTEGRATION.

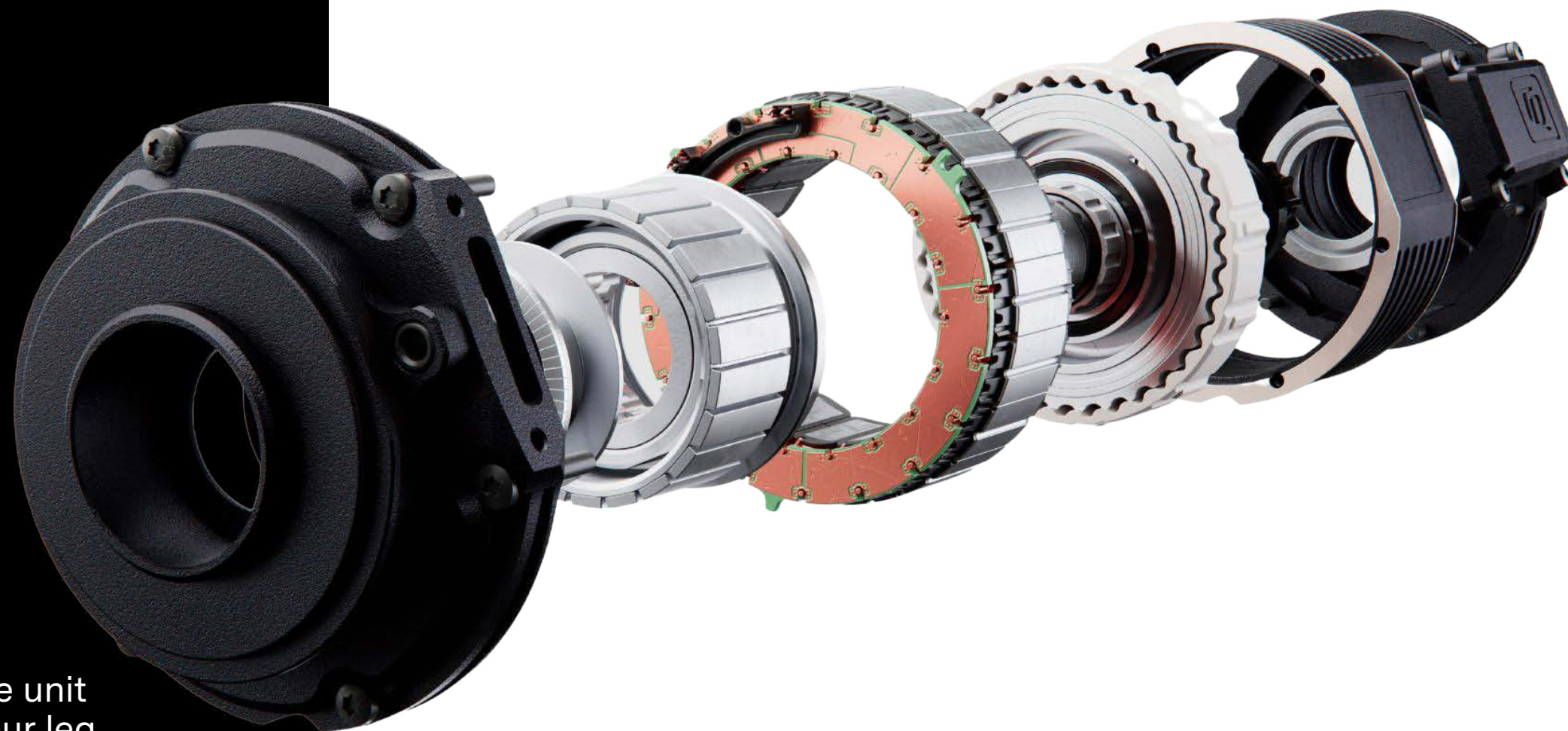
It's you, at 160%.

Picture this: you're climbing Alpe d'Huez, holding Julian Alaphilippe's wheel. With the lightest road e-bike and an extra 200 watts at your command. It's you powered to 160%. Don't look back now; but Alaphilippe is getting dropped.

The TQ HPR40 is powerful, light and silent. You are climbing fast and like a road Ninja, silently. No one will notice you are amplified.

Getting faster than 25kph? No problem as the drive unit is safely handcuffed to the frame transferring all your leg power to the rear wheel thanks to the frame stiffness. Moreover, it has almost no motor drag acting exactly like a regular bottom bracket.

Shifting is the least of your worries. Thanks to the Praxis forged and machined LevaTime chainrings, every gear change is razor-sharp and perfectly precise.



## TQ HPR40, The Road Revolution

Weight	1 170 g
Max. Torque	40 Nm
Mech. Power	200 W



## Praxis, e-crank with LevaTime2 X-Spider

Q-factor	150mm
Chain line	46mm
Weight	591 g (carbon)

A close-up, low-angle shot of a bicycle crankset and chainring. The crank is dark blue with a red BMC logo. The chainring is black with white teeth. The background is dark and out of focus.

## PIMP MY HPR40.

It's often overlooked: amplifying a bike should always feel natural, with power delivery that behaves exactly as riders expect.

Just like any computer hardware needs the right software to perform, an e-bike's hardware comes to life only when the software is perfectly tuned. And you know how great hardware can be when paired with thoughtful software design.

That's why the TQ drive unit software is refined to BMC's own specifications—to ensure the system delivers its absolute best.

Through extensive testing, we've optimized the HPR40 firmware and developed three distinct ride modes:

- A practical ECO mode. Feel the dynamics of the motor and relax with a safe battery range. 200W power, 25% pedal assist, high pedal response.
- A natural intermediate mode. Feel the dynamics of the motor, empowered with 200W, 50% pedal assist, mid-level pedal response.
- You at 160% with the full power mode engaged. Get your magic legs, and fly uphill with 200W power, 100% pedal assist, mid-level pedal response.

# FUEL FOR THE CLIMB.

Compact and lightweight, this electric fuel system keeps the bike's weight low and its silhouette sleek. Paired with the ultra-efficient HPR40 drive unit, the perfectly balanced watt output delivers exceptional range, powering you effortlessly toward the summit.

290Wh internal battery is fitted in the downtube with a smart orientation to minimize visual clues that it even exists in this bike.

BMC AeroCore AMP bottle cages are designed around the battery but still share the exact same visual design as the race version.

Push beyond limits with the optional TQ Range Extender as bottle cages meet the strength requirements for a range extender compatibility with their glass fiber reinforced injected material. So you won't have to worry about extending your ride, with the extra 160Wh.

That's right: go out and enjoy the extra elevation and distance you've been dreaming of.



## TQ High Density Battery

Capacity 290 Wh / 1 460 g  
Range extender 160 Wh / 690 g

*80 kg rider with 290 Wh battery*

Mode	Distance	Elevation
Eco	130 km	2 000 m
Mid	100 km	1 700 m
High	80 km	1 200 m

*with 290 Wh battery and range extender*

Mode	Distance	Elevation
Eco	200 km	3 100 m
Mid	155 km	2 600 m
High	125 km	1 800 m

## VISUAL CONTROL.

Clear, precise information helps you get the most out of your Teammachine 01 AMP and the TQ system.

With a bright, high-resolution color OLED display improving readability in all lighting conditions and seamless Bluetooth and ANT+ connectivity, you gain effortless control over the bike's electronics, making it feel like a true extension of yourself.

You are amplified.



## ALL SYSTEMS: ENGAGED.

Be visible and confident on the road with a high-quality rear light designed with optimal optic refraction to project 20 lumens across a wide 180° range. Fully compliant with worldwide regulations (StVZO), it keeps you safe at all times so you can simply enjoy the ride.

Of course this light is powered by the TQ system. But we did not stop here. The main TQ system powers the drive unit, the rear light and the SHIMANO drivetrain. Only one battery to charge.

The Teammachine 01 AMP comes with TQ Smartbox. This allows SHIMANO shift-levers to control your assist mode thanks to their hood buttons.

The SmartBox allows you to connect additional systems such as a front light or USB charging port for your accessories.





**BMC**

**RIDE**

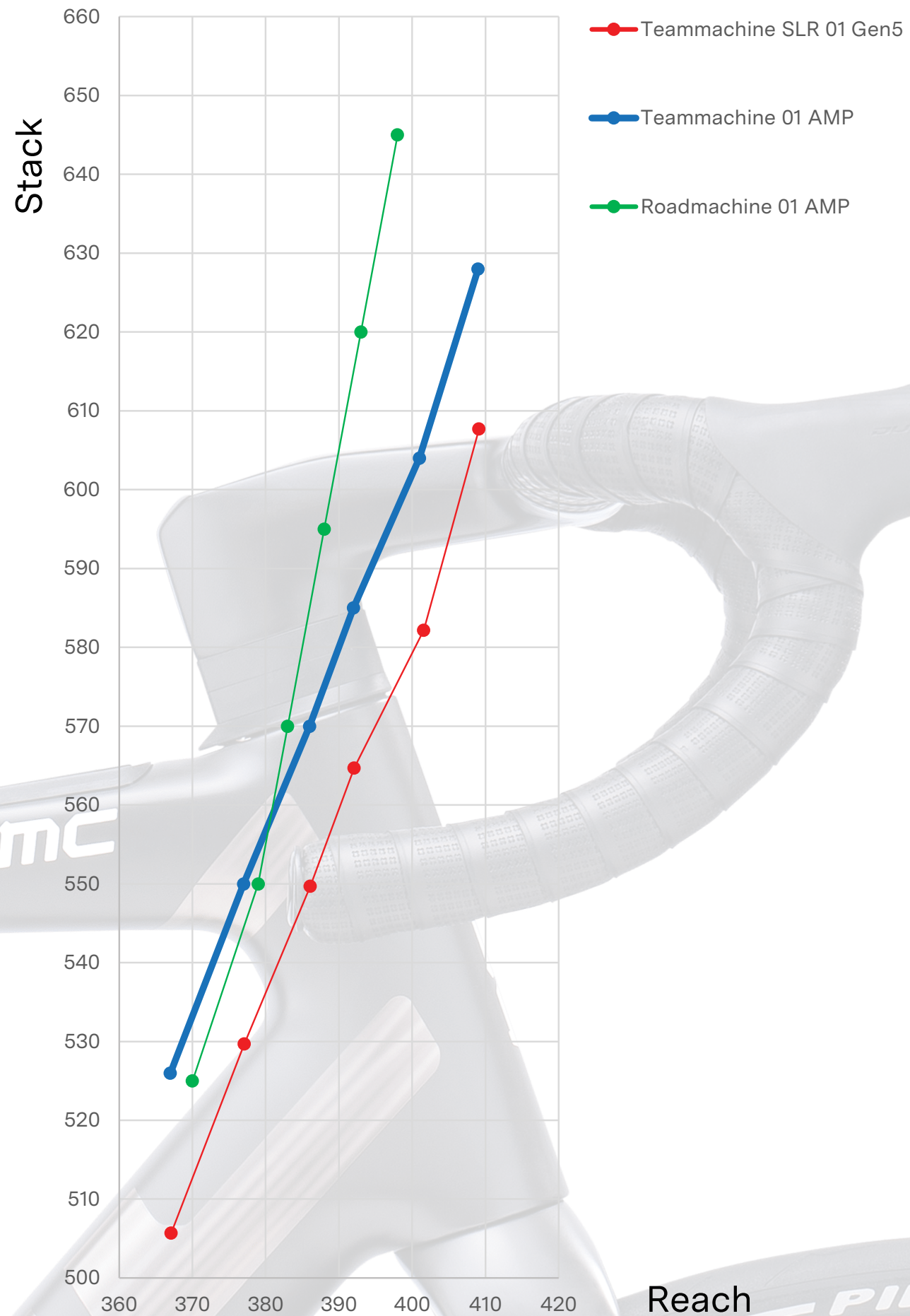
**FEEL**

# COMPLIANCE.

Our Tuned Compliance Concept build provides compliance and comfort through the tubes' vertical engineered flex.

In addition to the frameset's smooth feel, the design allows for 34mm measured tires to again improve your level of comfort, your confidence, and your grip when flying down a descent.





## FAST AND FIT.

The Teammachine 01 AMP geometry places your body in a semi-aggressive riding position.

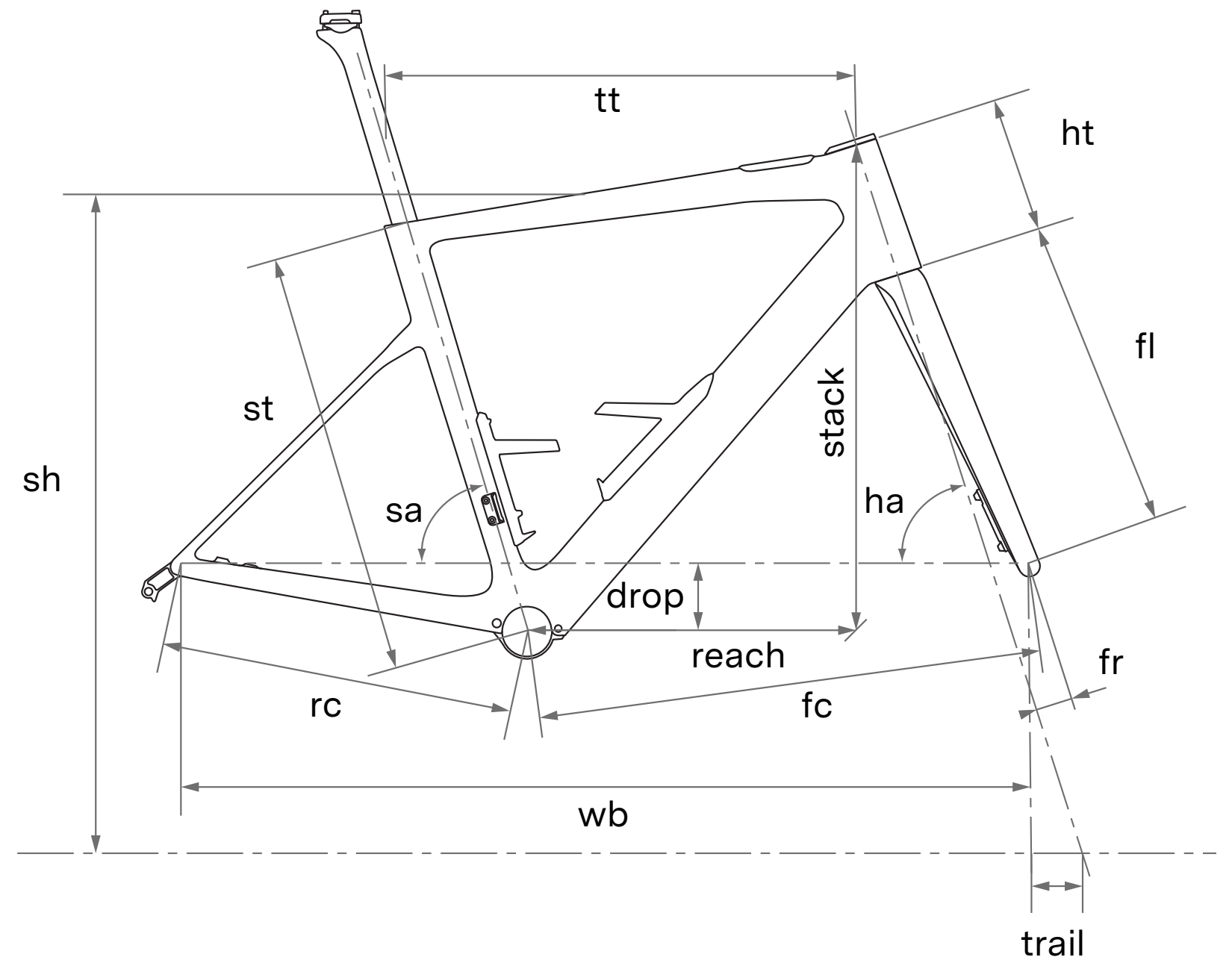
With six available frame sizes, the platform ensures an optimal fit for riders of all body dimensions.

Compared to our Pro Race geometry, it maintains the same Reach while offering a Stack that's 20 mm higher, allowing you to achieve your ideal position with fewer spacers and benefit from more precise steering thanks to a stiffer, more direct handlebar-to-steerer connection. And who doesn't like the look of a slammed stem?

For additional stack, turn to the Roadmachine 01 AMP.

# GEOMETRY.

Size	47	51	54	56	58	61
Rider height (cm)	<166	166-174	172-180	178-186	184-192	>190
Stack	526	550	570	585	604	628
Reach	367	377	386	392	401	409
Seat Tube (st)	422	464	500	510	530	555
Top Tube (tt)	523	540	555	565	587	601
Headtube (ht)	118	143	160	176	196	221
Seat Tube Angle (sa)	73.5°	73.5°	73.5°	73.5°	73.0°	73.0°
Head Tube Angle (ha)	71.5°	71.5°	72.3°	72.3°	72.3°	72.3°
Rear Center (rc)	412.5	412.5	412.5	412.5	412.5	412.5
Front Center (fc)	573	591	594	605	620	635
Wheelbase (wb)	974	992	995	1006	1021	1036
BB drop (drop)	75	75	75	75	75	75
Fork Length (fl)	372.5	372.5	372.5	372.5	372.5	372.5
Fork Rake (fr)	48	48	43	43	43	43
Trail	64.5	64.5	64.5	64.5	64.5	64.5
Standover (sh)	728	758	788	800	818	840



# Teammachine 01 AMP



New AeroShape Seatpost

Integrated BMC Rear Light

34mm Tire Clearance

TQ HPR40 Drive Unit

Praxis LevaTime2

ICS Carbon Evo Cockpit  
Integrated Cockpit Systems (ICS)

Remote control with SHIMANO hood buttons

Front Light Ready

Aerodynamic  
Optimized Tube Profiles

Stealth Dropouts Design

290 Wh battery

AeroCore Bottle Cages  
Range Extender Ready

A cyclist wearing an orange long-sleeved jersey, black shorts, a white helmet, and sunglasses is riding a road bike on a paved road. The road curves to the left. The background features green trees and mountains under a clear blue sky. The cyclist's shadow is cast on the road to the right.

# QUESTIONS & ANSWERS

### **Why such a bike within the BMC line-up?**

The Teammachine 01 AMP is the bike we wished to ride even before creating it. The goal of a sub 10kg e-bike. It is a lightweight, highly integrated e-road bike designed to look, feel, and ride like a traditional high-performance road bike while offering subtle electric assistance. Its 01 Premium carbon frame, stealthy design, and sub-10 kg build makes it one of the lightest e-road platforms available.

### **Is the Teammachine 01 AMP available in North America?**

Teammachine 01 AMP is currently only available in Europe. Please contact us for any commercial enquiries.

### **What makes the Teammachine 01 AMP feel so natural to ride?**

Because it's lightweight and feels like a Teammachine SLR. The Teammachine 01 AMP is engineered as a "fast road bike first." The geometry, stiffness, and handling mimic a pure race bike, while the electric assist remains nearly invisible, with almost zero drag above the speed limit and an extremely quiet drive unit.

### **Which motor does the Teammachine 01 AMP use?**

Every Teammachine 01 AMP uses the TQ HPR40 mid-drive motor, a compact, whisper-quiet system specifically developed for road and gravel bikes. It delivers:

- Weight 1 170 g
- Max. Torque 40 Nm
- Mech. Power 200 W

A total system weight of 2 878g including cables and the 290 Wh battery.

### **How powerful is the assistance from the TQ HPR40?**

The HPR40 provides subtle but meaningful support, best described as a rider's "second wind" rather than a forceful push. On climbs, it helps maintain pace without overwhelming the rider, and on flats it disengages cleanly to avoid resistance above 25 km/h.

### **What makes the TQ HPR40 unique vs other e-road motors?**

Lightest and most compact mid-drive system in its class.

No additional drag above assist limit.

Quietest operation thanks to HPR technology.

Designed specifically for road bike cadence and performance.

### **What is Harmonic Pin Ring (HPR) technology?**

TQ's patented Harmonic Pin Ring transmission allows the motor to be:

- exceptionally compact.
- extremely quiet.
- highly efficient with minimal mechanical losses.

This technology also enables the motor to be integrated almost invisibly into the frame.

### **What battery does the Teammachine 01 AMP use?**

All Teammachine 01 AMP models use an internal 290 Wh battery, fully hidden within the downtube. Riders can optionally add a 160 Wh range extender for longer rides.

### **How much does the Teammachine 01 AMP weigh?**

Depending on the specification, the Teammachine 01 AMP weighs between 9.4 kg and 11.1 kg. Exceptional for a mid-drive e-road bike.

- Teammachine 01 AMP One 9.4kg
- Teammachine 01 AMP Two 10.2kg
- Teammachine 01 AMP Three 11.1kg

All weights in size 54 as pictured, with all accessories, without pedals.

### **Who is the Teammachine 01 AMP built for?**

The Teammachine 01 AMP is ideal for:

- Endurance riders seeking longer days with less fatigue.
- Climbers wanting help on steep gradients.
- Experienced road cyclists who want e-assist without compromising handling.
- Group riders who want to keep pace with stronger friends.

### **How does the Teammachine 01 AMP handle above the motor's cut-off speed?**

Thanks to the HPR40's near-frictionless design, the bike rides like a normal carbon road bike above 25 km/h. No drag, no "wall," and no mechanical resistance.

### **How do I change the assist mode?**

Depending on the model, the Teammachine 01 features different "remote" systems:

- Through SHIMANO hoods buttons:
  - Teammachine 01 AMP ONE (SHIMANO Dura-Ace Di2).
  - Teammachine 01 AMP Two (SHIMANO Ultegra Di2).
- With TQ handlebar remote:
  - Teammachine 01 AMP Three (SHIMANO 105 Di2).

### **How well is the motor integrated into the bike?**

Extremely well! The drive unit, battery, charging port, and even the LED display are integrated seamlessly into the frame, preserving a clean road-bike look.

### **What tire clearance does the Teammachine 01 AMP offer?**

The frame accepts tires up to 34 mm, giving extra comfort and versatility for endurance rides or rougher roads.

**BMC**

**BMC**

