

UNNO

MITH

EMBARGO: THURSDAY, APRIL 10, 2025, 6 PM CEST



## WIRED FROM WITHIN

For the development of the new MITH, we've committed ourselves to the project like never before. We've spent countless 16 to 20-hour days and a few sleepless nights, ensuring no detail was overlooked.

We went through 135 iterations. From those, we refined 14 proposals and narrowed them down to 1. Then, we built 3 mule prototypes and kept refining them until we committed to the final carbon version of the bike.

Since receiving the first testing mule in April 2024, we've been on the bike nearly every day. Whether in the early mornings, late nights, rain, or shine, our commitment to testing has never been stronger.

As of today, we've ridden over 5.500 kilometers and climbed more than 250.000 vertical meters (two-thirds to the space station), along with a few extra scars.

In the end, it's all worth it because we get to do what we love most: riding and developing bikes.



# FORGET EVERYTHING YOU'VE SEEN BEFORE

The new MITH eliminates the barriers between regular and electric bikes. It represents an evolution that speaks for itself; no other company has achieved this until now.

With 170/160mm of travel, a mullet setup, and DH casing tires, it weighs only 21,2kg, and thanks to DJI's Avinox system, 800Wh battery, and refined kinematics, it offers a powerful and exceptional riding experience.





## WORLD'S MOST COMPACT E-BIKE FRAME

This is probably the first bike that it will be very tough to tell that it's a full-power e-bike. Most people will think you're riding an SL or even a regular Enduro bike.

We even fit the 800Wh battery into our S1 frame with 430mm of reach.



# DESIGNED AND ENGINEERED IN BARCELONA

The perfect playground for us to develop and test our bikes.



**NEW FEATURES**

**+**

**REFINEMENTS**



## DJI AVINOX – THE MOST COMPACT AND POWERFUL SYSTEM AVAILABLE

Initially, we started testing the new Mith with a different motor, but late in the development process, we had the chance to try the DJI Avinox.

We saw how much better it was than every other system on the market and how compact you could make the bike, that we decided to choose this one instead as the drive unit.

It was a big commitment from the whole team to re-develop and adjust the frame to fit the DJI system, but at the same time, it was a no-brainer.

It's the philosophy of UNNO anyway, to be in the pinnacle of innovation, so it made no sense to do it other way.



# DJI AVINOX – HIGHLIGHTS

- Assist modes: Auto, Eco, Trail, Turbo, and Boost.
- Torque: 70Nm (Eco), 105Nm (Auto, Trail, Turbo), and 120Nm (Boost).
- Power: 250 W (rated), 850 W (peak), 1000 W (max).
- Weight: 2,52kg (drive unit), 2,87kg (600Wh battery), 3,74kg (800Wh battery).
- Fast-charging: 0-100% in approx. 2h 25min (800Wh battery).
- 2-inch OLED touchscreen display, 800 nits, 326 ppi.
- Intelligent walk assist with various support modes.
- Customizable interface and riding parameters.
- Wireless controllers with Bluetooth connectivity.





## EXTRA SEAT POST INSERTION

We've shortened the seat tube and increased the insertion by 60mm to fit longer dropper posts in all sizes while keeping our disruptive and unique frame design.

Now, bikes come with 150mm dropper posts in S1, 180mm in S2, and 210mm in S3.



## ACCESSIBLE SHOCK AND COIL COMPATIBLE

The shock is now easily accessible for making setting adjustments and hassle-free maintenance, and the frame is compatible with coil shocks, too.



# TWILL CARBON WEAVE FINISH

We're bringing back the unique UNNO look from our first made-in-Barcelona frames from back in the day to our MITH Factory and Pro models.

The twill fabric finish is not only cosmetic but adds more impact resistance than the UD finish.





# NO HEADSET CABLE ROUTING

We've returned to simplicity and ditched the trend of routing cables through the headset, gaining durability and ease of service.

Additionally, the routing is now fully guided for a noiseless riding experience.





## IMPROVED CHAINSTAY AND LOWER LINK PROTECTION

There's nothing more intruding while riding than noisy parts, so we've designed a new chainstay and lower link rubber protection that now includes dampening crests to eliminate chain slap noise so you can keep your focus on the ride.



## LIFETIME WARRANTY

Our MITH frames are tested up to 2x the ISO norm, making us confident to offer a lifetime warranty on any frame.





## EXCEPTIONAL GROUND CLEARANCE

The new MITH comes with 155mm stock cranks to provide exceptional ground clearance and a better-centered riding position.



**M I T H**

Edu Garrigós. 4 Riders Bikepark. February 2025

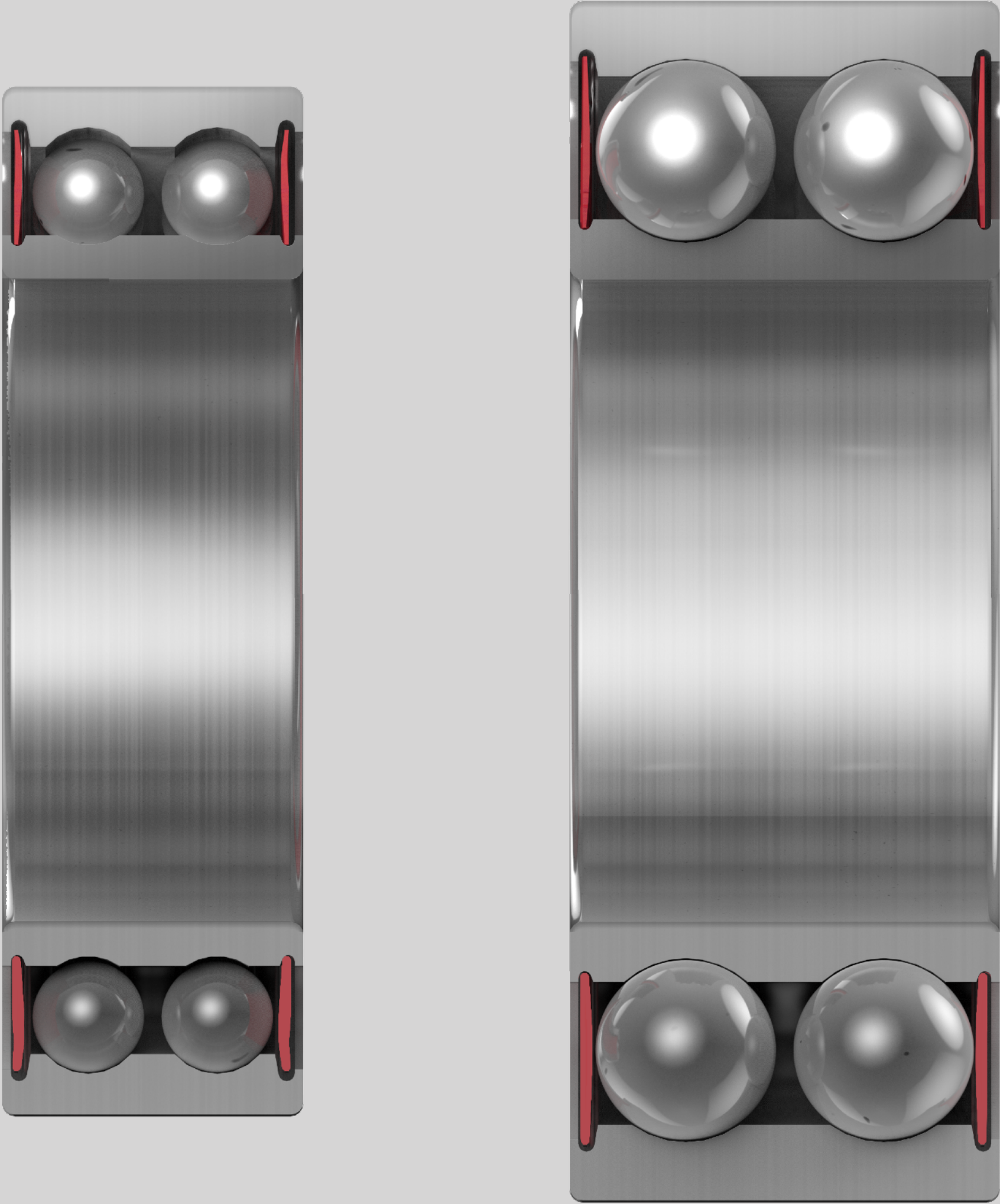




# LARGER AND SEALED BEARINGS

We’ve listened closely to our customers’ feedback, and now we offer larger bearings with a 4x load increase compared to the previous ones.

Dust guards shield all bearings from mud, dirt, and water, enhancing their durability. If something happens, they’re also now covered by a lifetime warranty.





Adri López. Tremp. February 2025

***m i t h***



## BUILT-IN REAR FENDERS

Mudguards now protect the shock and linkage to avoid dirt and debris being packed up in small areas.



**M I T H**

Lucas Oliva. Tremp. March 2025





**INTEGRATED SEAT CLAMP**



**750ML BOTTLE COMPATIBILITY**



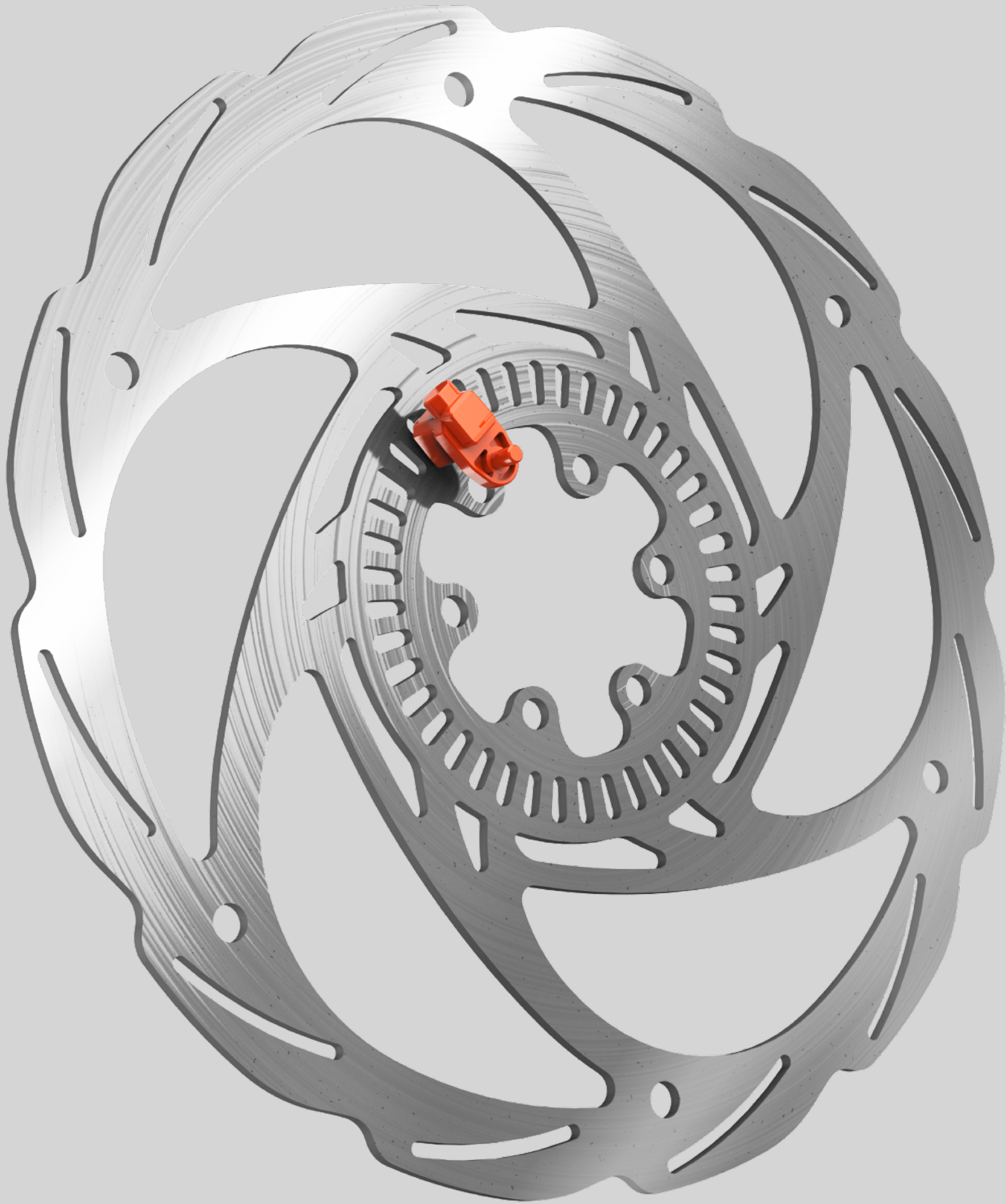
Cesar Rojo. Alella. March 2025

**M I T H**





**CHAIN GUIDE WITH INTERNAL  
RUBBER SURFACE**



**200MM REAR ROTOR WITH  
INTEGRATED SPEED SENSOR SLOTS**

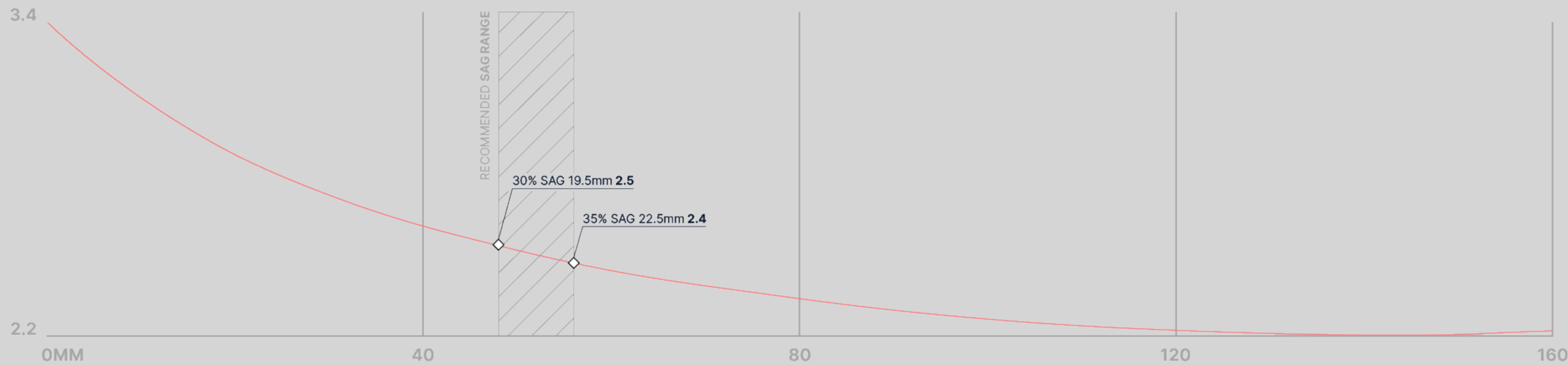


# REFINED UNNO VIRTUAL PIVOT SUSPENSION

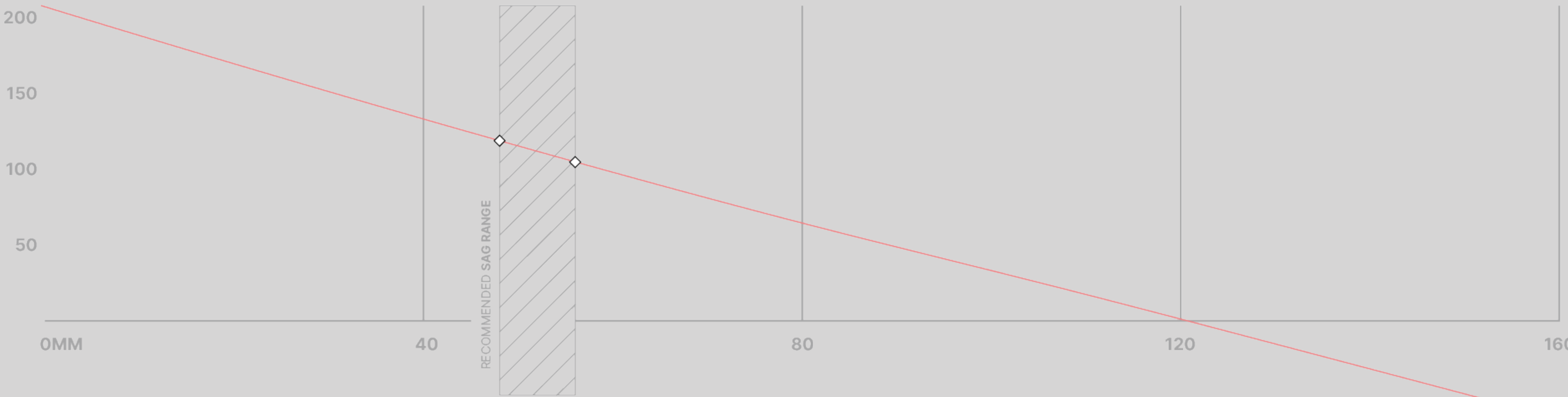
The suspension kinematics use an initial 30% of the curve with a higher progression for maximum small bump sensitivity, while the other 70% has a lesser progressive ratio to give enough platform to push the bike in corners and provide good bottom-out resistance.

We propose 2 different SAG settings: 30% for a standard setup or 35% for a more aggressive setup, especially on steeper trails. When using 35%, the bike is 0.5° slacker.

SAG RATIO

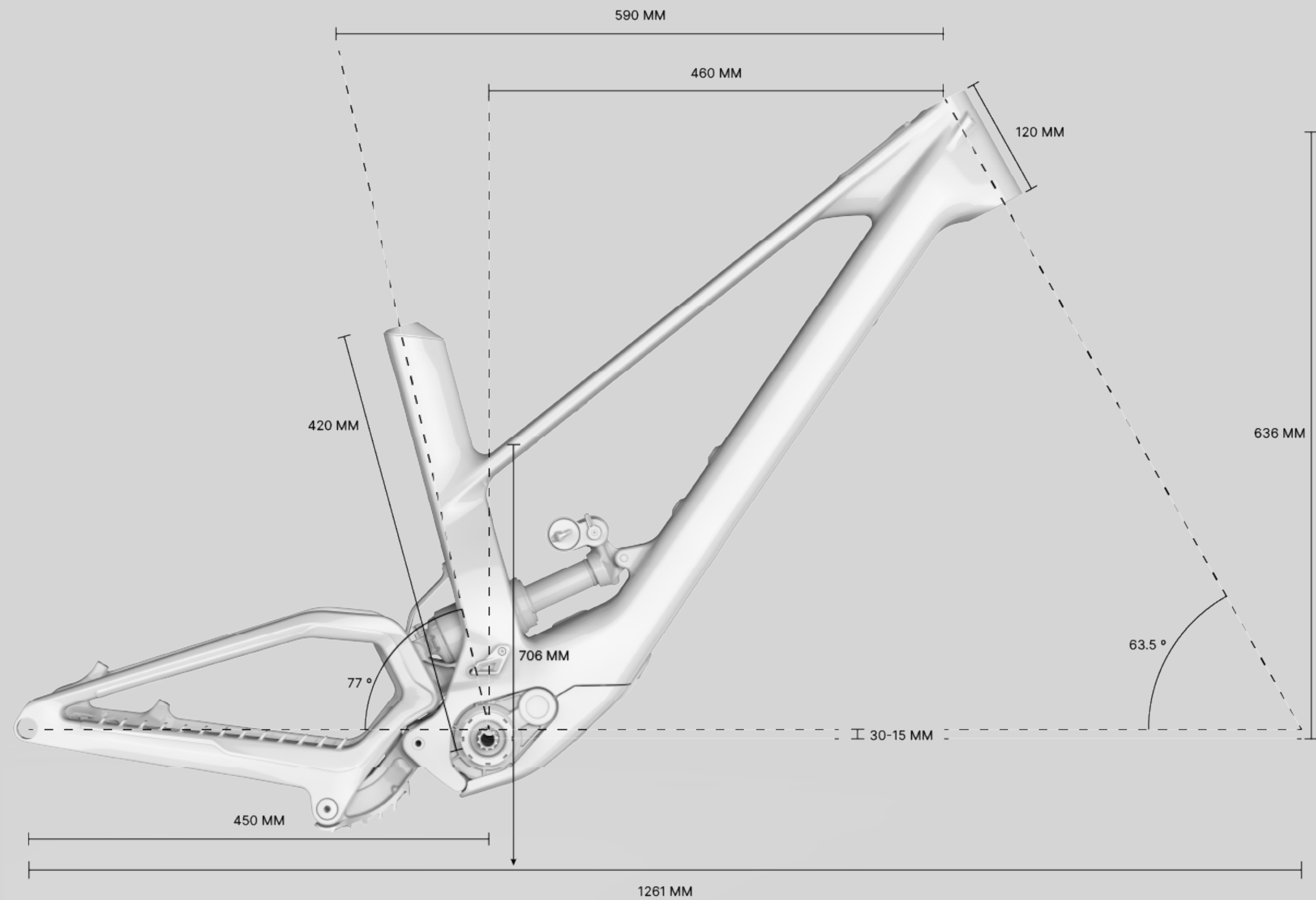


ANTI-SQUAT





GEOMETRY



	S1 165 - 174 CM	S2 175 - 184 CM	S3 185 - 200 CM
Reach	430	460	490
Wheelbase	1225	1261	1302
Seat tube length	400	420	440
Seat tube angle	77°	77°	77°
Head tube angle	63.5°	63.5°	63.5°
BB drop	30 - 15	30 - 15	30 - 15
Top tube length	560	590	623
Stack	624	636	658
Chainstays	450	450	450
Head tube length	107	120	145
Standover	706	706	706

\*All numbers shown are for S2 size in the low setting



## SPECS + BUILDS







MITH PRO



FRAME	T700 and T1100 carbon fiber, Virtual Pivot Suspension
MOTOR	DJI AVINOX
BATTERY	DJI 800Wh
DISPLAY	2-inch OLED full-color touchscreen, 800 nits, 326 ppi
FORK	FOX 38 Factory, 170mm, 29", GRIP X2, 44mm offset
SHOCK	FOX Float X2 Factory, 230×65mm
DROPPER	ONEUP V3 180mm, 31.6mm - 22.2mm
HEADSET	CANE CREEK 40, No cover, TPR-IS41/28.6/H9   IS52/40
HANDLEBAR	ONEUP V2 Carbon, 35mm diameter, 800mm length, 35mm rise
STEM	ONEUP 42mm
GRIPS	ODI Elite Pro Lock-on, 130mm
FRONT WHEEL	NEWMEN Phase 30 Carbon, Base, 29", 28h, 15×110
REAR WHEEL	NEWMEN Phase 30 Carbon, Strong, 27.5", 28h, 12×148 XD
FRONT TIRE	SCHWALBE Magic Mary, Ultra Soft, Gravity Pro, TLR, 29" x 2.5"
REAR TIRE	SCHWALBE Magic Mary, Soft Evo, Gravity Pro, TLR, 27.5" x 2.5"
BRAKES	FORMULA Cura 4
ROTORS	FORMULA - 203mm (front), 200mm (back)
CHAIN	SRAM X0 T-Type, 120 links
DERAILLEUR	SRAM X0 Eagle AXS T-Type
CONTROLLER	SRAM AXS Pod Rocker
CASSETTE	SRAM X0, XS 1295 T-Type, 10-52t
CRANKS	E13 Helix Core e*spec, 155mm
CHAINRING	UNNO 36t
SEAT	FIZIK Terra Aidon X5, 145mm
CHARGER	DJI 508 W Fast-charging
SIZES	S1, S2, S3
MSRP	11.995€ (EU) - £9,995 (UK) - 10,295 CHF (SWISS)

# MITH PRO



Image for color and graphic reference only. Specs and prices are subject to change without notice. Regional availability may vary.





MITH RACE



FRAME	T700 and T1100 carbon fiber, Virtual Pivot Suspension
MOTOR	DJI AVINOX
BATTERY	DJI 800Wh
DISPLAY	2-inch OLED full-color touchscreen, 800 nits, 326 ppi
FORK	FOX 38 Factory, 170mm, 29", GRIP X2, 44mm offset
SHOCK	FOX Float X Factory, 230×65mm
DROPPER	ONEUP V3 180mm, 31.6mm - 22.2mm
HEADSET	CANE CREEK 40, No cover, TPR-IS41/28.6/H9   IS52/40
HANDLEBAR	ONEUP V2 Alloy, 35mm diameter, 800mm length, 35mm rise
STEM	ONEUP 42mm
GRIPS	ODI Elite Pro Lock-on, 130mm
FRONT WHEEL	NEWMEN Performance 30 Alloy, Base, 29", 28h, 15×110
REAR WHEEL	NEWMEN Performance 30 Alloy, Strong, 27.5", 28h, 12×148 XD
FRONT TIRE	SCHWALBE Magic Mary, Ultra Soft, Gravity Pro, TLR, 29" x 2.5"
REAR TIRE	SCHWALBE Magic Mary, Soft Evo, Gravity Pro, TLR, 27.5" x 2.5"
BRAKES	FORMULA Cura 4
ROTORS	FORMULA - 203mm (front), 200mm (back)
CHAIN	SRAM 70 T-Type, 120 links
DERAILLEUR	SRAM S1000 Eagle AXS T-Type
CONTROLLER	SRAM AXS Pod Rocker
CASSETTE	SRAM 70, XS 1270 T-Type, 10-52t
CRANKS	E13 Helix Core e*spec, 155mm
CHAINRING	UNNO 36t
SEAT	FIZIK Terra Aidon X5, 145mm
CHARGER	DJI 508 W Fast-charging
SIZES	S1, S2, S3
MSRP	9.995€ (EU) - £8,095 (UK) - 8,295 CHF (SWISS)

MITH RACE



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## **A NEVER-ENDING PURSUIT OF PERFECTION**

At UNNO, pushing boundaries is part of our DNA. We don't follow the rules; we challenge them.

We change the present to redefine the future. It's a never-ending pursuit of perfection.



*UNNO*