



MASTER THE MOUNTAIN

THE ALL-NEW
TRANCE X RANGE

GIANT



MAKING THE ULTIMATE TRAIL BIKE

Now more capable than ever, the new Trance X range includes a full collection of progressive trail bikes that combine all-rounder versatility with even greater control for technical terrain. From superlight composite frame bikes to dynamic alloy models made by the world leaders in aluminum frame construction, there's one for every rider and all types of terrain.

Born from the idea that every trail is unique, every ride its own type of challenge, the range is built on new framesets with added suspension travel and even greater adjustability than the previous generation. In addition, most models now offer the option to swap out the stock 29-inch rear wheel for a 27.5 to run a mixed-wheel "mullet" setup.

Every new Trance X is backed by Giant's unrivaled expertise in composite and aluminum frame engineering, a rigorous process that includes everything from weaving and forging raw materials in our own manufacturing facilities to fine-tuning the patented Maestro suspension system. Beyond the framesets, Giant also engineers and produces critical elements including WheelSystems and components to elevate the ride experience with zero compromises.

Building on the versatility of the previous generation, which introduced flip chip technology to adjust geometry for individual riding style and terrain, the new Trance X range adds a second flip chip at the headset so you can quickly adjust reach and dial in your cockpit dimensions.

All Trance X models now have added rear travel thanks to an updated Maestro suspension system. The Trance X Advanced and Trance X models go from 135mm to 140mm, paired with a 150mm fork up front.

The new Maestro setups are engineered with Advanced Forged Composite upper rocker arms that increase stiffness and lower overall frame weight. The result is better handling while bombing down technical trails, cornering at speed, and accelerating out of corners. A trunnion mount shock produces a longer stroke, and the leverage ratio has been adjusted to provide a smoother end stroke without harsh bottom-outs.

The new range also includes updates aimed at improving the trail riding experience, including integrated down tube frame storage that makes it easy to carry tools and other essentials. Mounts below the top tube offer an additional option for storage, and more robust protection on the underside of the down tube is also new.

What makes the perfect trail? It's an individual choice. Tight and technical, or fast and flowy. Your go-to weekday ride may be totally different than the weekend epic where you'll push new limits. With the new Trance X range, there are no compromises. One trail bike to do it all.





MAESTRO SUSPENSION TECHNOLOGY

Whatever your choice of off-road terrain, Maestro Suspension expands your bike's capabilities and boosts your performance. It's an adaptable rear suspension platform that gives you more control, traction, comfort and speed.

KEY BENEFITS

PEDALING EFFICIENCY

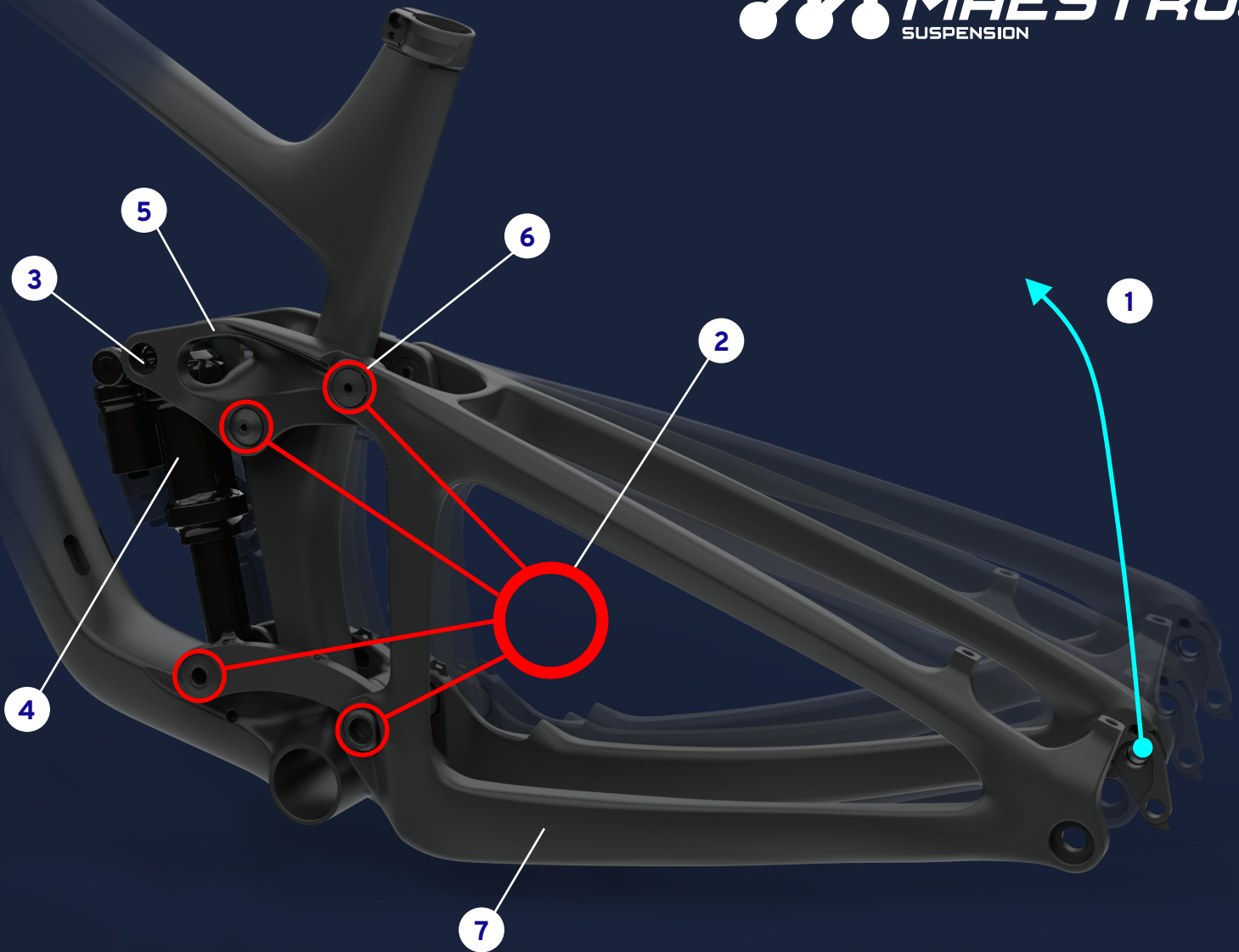
Whether you're sprinting up a climb or hammering through a rock garden, Maestro performs consistently under pedaling power and doesn't compromise efficiency.

FULLY ACTIVE

From high-frequency trail vibrations to big-hit compressions, Maestro soaks up the full spectrum of trail impacts to give you a smoother ride over all types of terrain.

TOTAL BRAKE INDEPENDENCE

Even under full braking force, Maestro Suspension stays active, keeping your tires in contact with the trail and giving you better traction at all times.



HOW IT WORKS

1. GROUND CONTROL

Maestro's near-vertical wheel path and linear spring curve allow the rear suspension to remain sensitive to both small and big impacts without "packing up" under rapid, successive hits or bottoming out from big hits. This results in better contact between your tires and the trail, improving traction, acceleration, cornering and braking.

2. FOUR, TWO, ONE

Maestro utilizes four strategically positioned pivot points (the four red circles above) and two linkages that all work to create a single floating pivot point (the larger circle). This single floating pivot point improves pedaling efficiency by counteracting pedaling forces that would otherwise create suspension compression (squatting) or pedal kickback (bobbing).

3. FULLY CONNECTED

Maestro's upper rocker arms feature trunnion shock mounts, which produce a lower leverage ratio on rear shock compression for better pedaling and braking efficiency. This configuration also allows engineers to create bikes with shorter chainstays, improving their climbing capabilities and agility.

4. LOWER CENTER OF GRAVITY

Maestro's moving parts and components, including the linkages, shock, pivots and hardware, are centralized within the frameset. This results in a low center of gravity, which helps improve the bike's overall handling on the trail.

5. LIGHTER AND STRONGER

A state of the art, high-pressure molding process is used to produce the Advanced Forged Composite upper rocker arm. This makes it lighter, stiffer and stronger than aluminum to help boost the overall performance of your bike.

6. SMOOTH OPERATOR

Double-sealed pivot bearings provide long-term, smooth-functioning suspension articulation.

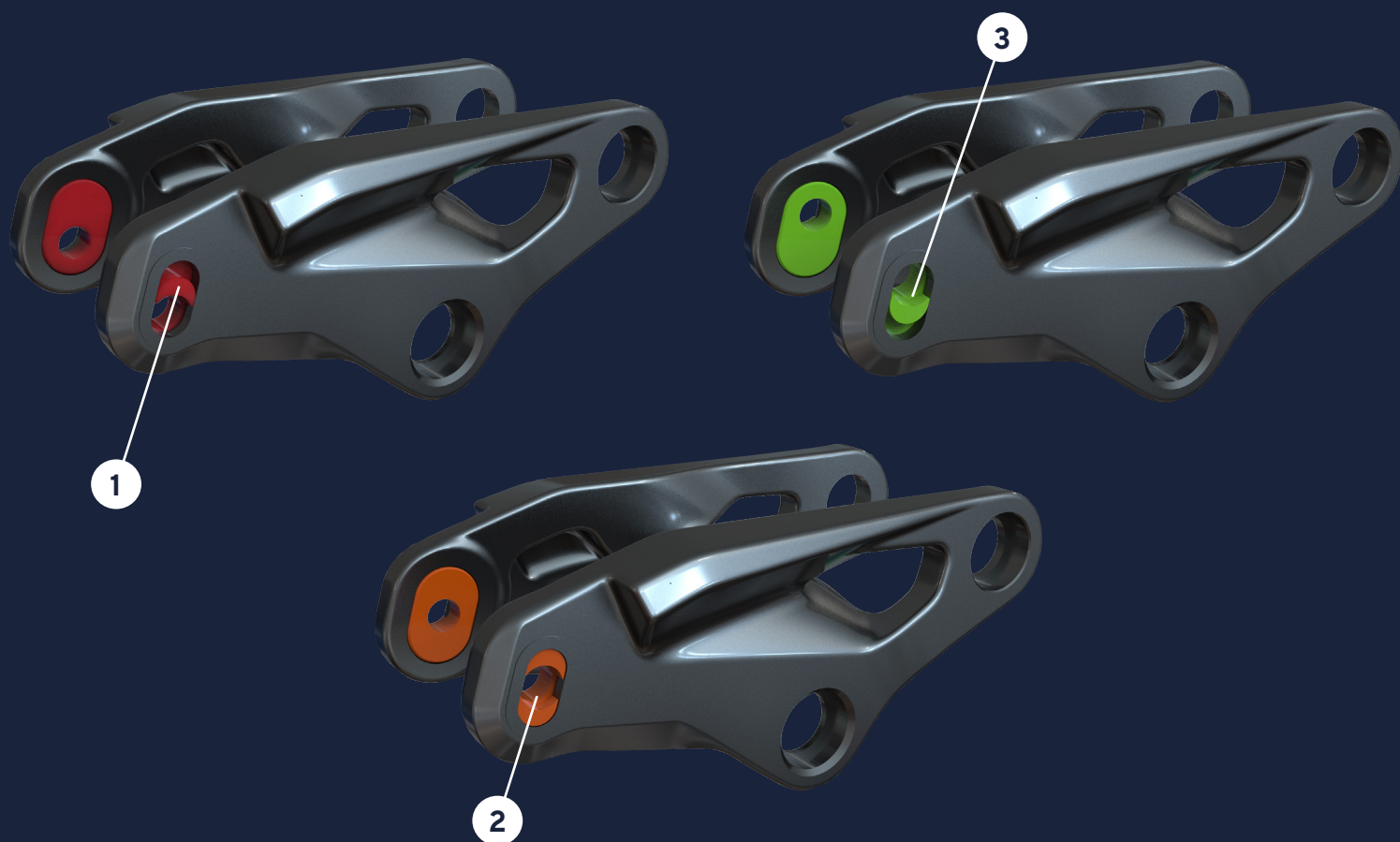
7. PRECISE TRACKING

A single-piece rear swingarm (no chainstay or seatstay pivots) provides the ultimate in rear-end stiffness for precise tracking over rough terrain.

ADJUSTABILITY BEYOND COMPARE

FLIP CHIP - MAESTRO 3

This technology allows riders to quickly adjust the geometry and choose a rear wheel size (29-inch or 27.5-inch) for their riding style and terrain. It's available on select Maestro-equipped mountain bikes. The adjustment affects head tube and seat tube angles, bottom bracket height, and rear-wheel size using eccentric flip chip hardware located on the upper rocker arm of the rear suspension.



HOW DOES IT WORK?

This technology provides three positions (high, mid and low) using two different flip chips—a combination high/low chip or a dedicated mid-position chip.

1. HIGH POSITION

When this dual-position flip chip is installed in the high setting, the frame's head and seat tube angles become steeper and the bottom bracket height is elevated.

2. MID POSITION

When this single-position flip chip is installed, the frame's head tube and seat tube angles are positioned in a neutral stance, and the bottom bracket height is at its mid-height point.

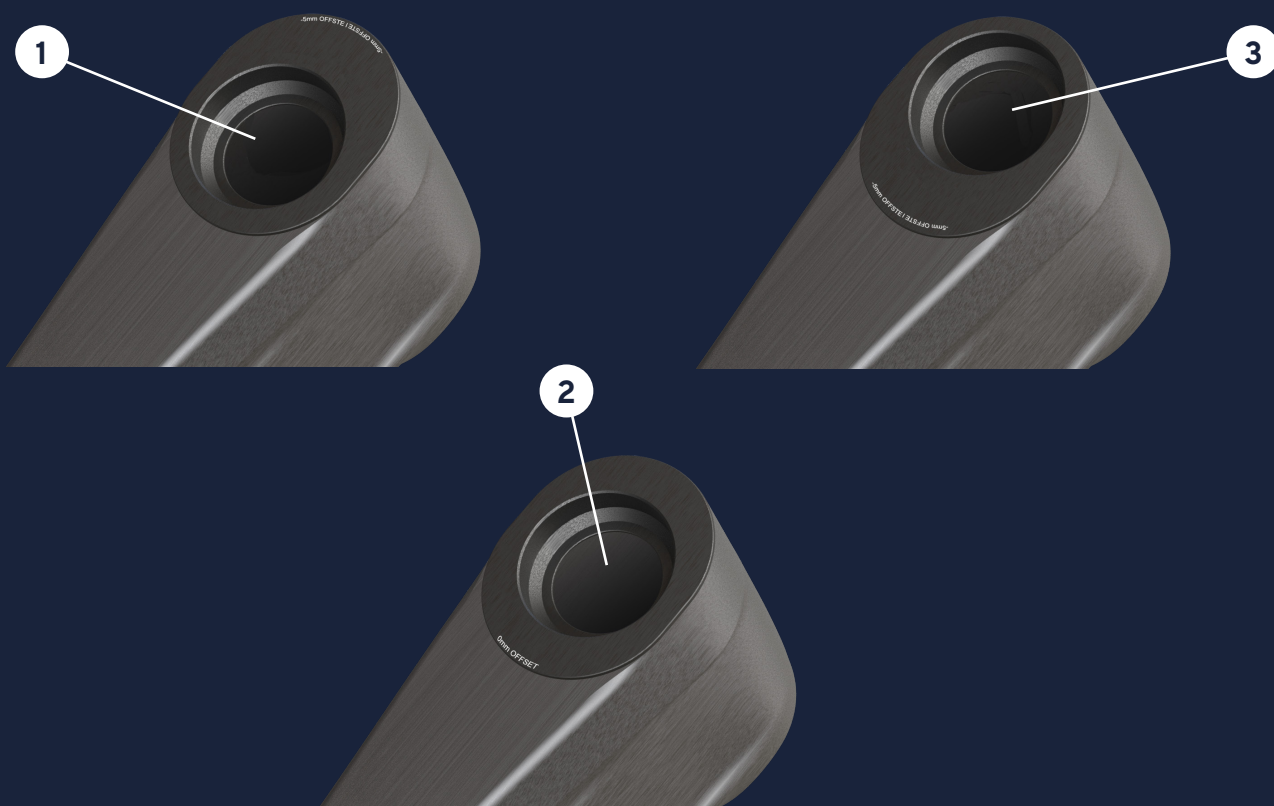
3. LOW POSITION

When this dual-position flip chip is installed in the low setting, the frame's head and seat tube angles become slacker, and the bottom bracket height is lowered. This provides the most stable geometry for riding at higher speeds and on the most aggressive terrain.

CUSTOMIZE YOUR FIT

FLIP CHIP - HEADSET

This new three-position flip chip at the headset lets riders quickly fine-tune cockpit dimensions and geometry for their riding style and terrain.



HOW DOES IT WORK?

Two different “chips” set the headset/reach in either a -5mm (short), 0mm (mid), or +5mm (long) offset position. The modular system consists of two positioning chips (short/long and mid), which can be easily removed and swapped to achieve a short, mid or long reach.

1. SHORT POSITION (-5MM)

The headset/reach is positioned 5mm closer to the rider.

2. MID POSITION (0MM)

The headset/reach is positioned neutrally. In this position, the bike is best suited for a balance of descending/technical conditions.

3. LONG POSITION (+5MM)

The headset/reach is positioned 5mm farther from the rider. In this position, the bike is best suited for faster conditions. This long position also offers “corrected” rider positioning for 29/27.5-wheel configuration.

HOW DOES IT CHANGE MY RIDE EXPERIENCE?

SHORT POSITION

A shorter reach produces quick handling, a great option for tight, twisty terrain. This position translates into shorter reach, top tube, front/center and wheelbase measurements and a more upright position for quicker turning, more flickable handling.

MID POSITION

A neutral reach produces well-balanced handling, ideal for trails with general technical challenge and equal parts pedaling and descending. A zero-offset headset position translates into neutral reach, top tube, front/center and wheelbase measurements and a balanced position for predictable handling.

LONG POSITION

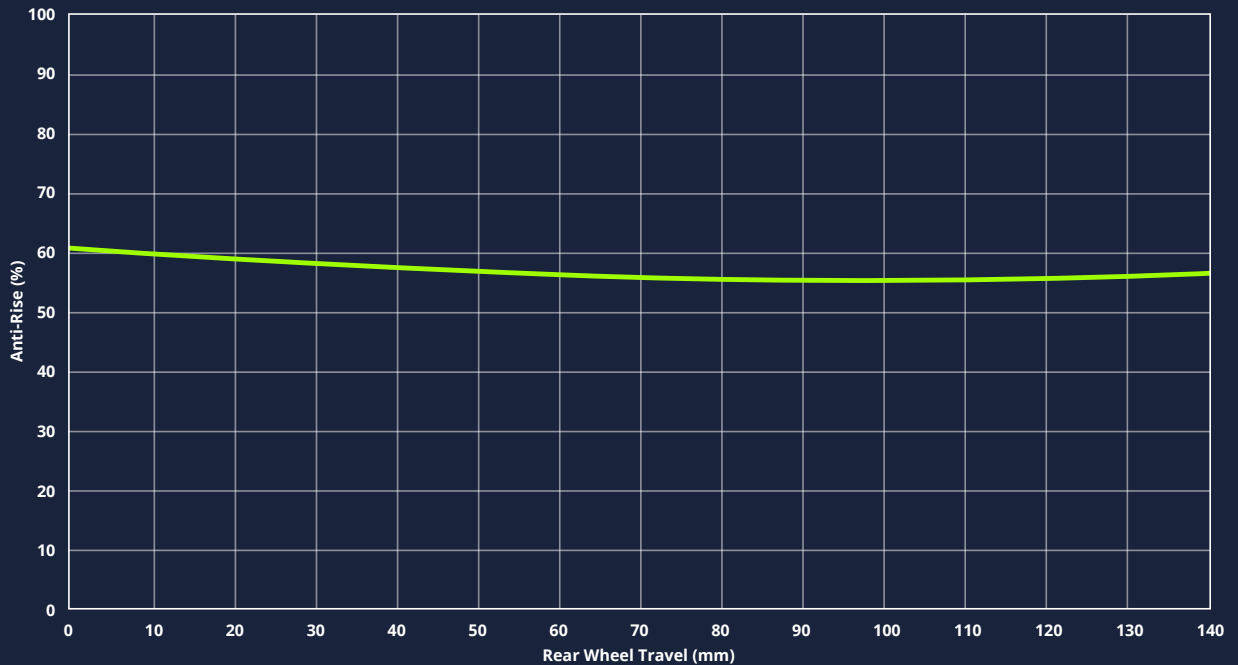
A longer reach produces stable handling, a great option for efficient performance over smoother terrain. This translates into longer reach, top tube, front/center and wheelbase measurements and a more stretched out rider position for a planted feel while cornering.

SUSPENSION SCIENCE

Giant engineers took great care in perfecting the delicate balance of anti-squat, anti-rise, and leverage ratio. These critical elements lie at the foundation of the Trance X range, shaping how power is transferred, how braking forces are managed, and how the bike interacts with ever-changing terrain. The following three charts delve into the intricacies of anti-squat, which counteracts unwanted suspension movement during pedaling; anti-rise, which resists brake dive; and leverage ratio characteristics that determine how the bike absorbs impacts and handles rough terrain.

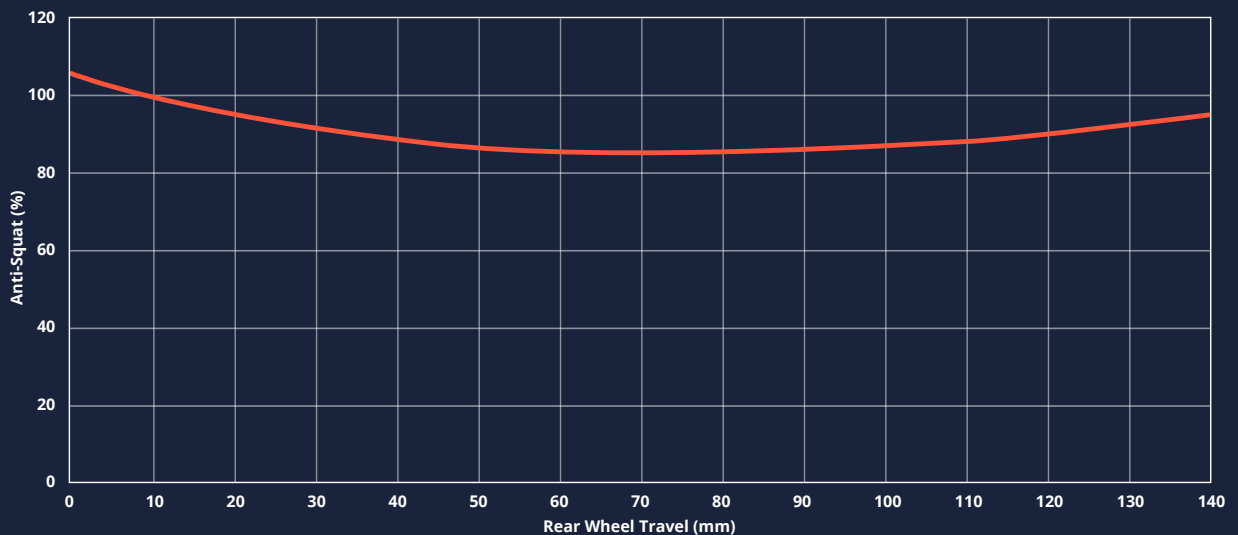
ANTI-RISE

The Trance X range features the right amount of anti-rise capability to combat brake dive.



ANTI-SQUAT

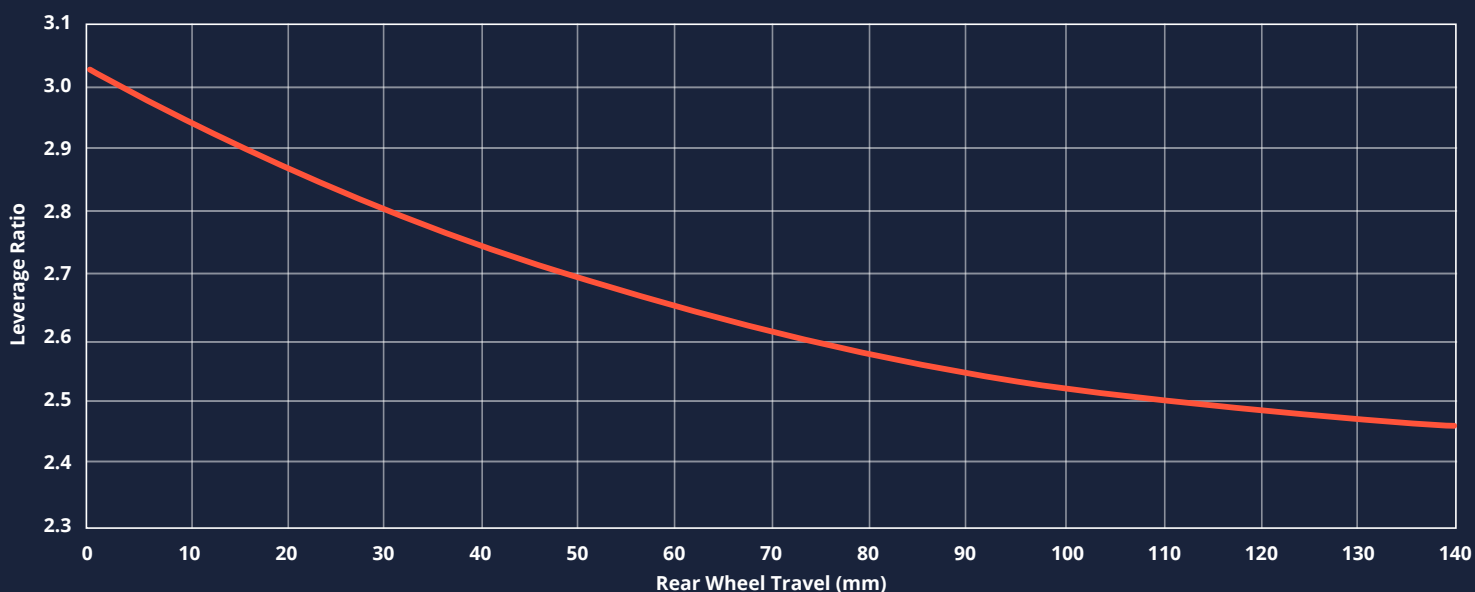
Maestro Suspension technology allows for complete suspension activity, whether under pedaling forces or coasting down the steepest terrain.



SUSPENSION SCIENCE

LEVERAGE RATIO

A highly revised leverage ratio feels softer off the top, progressing steadily through its mid-stroke, then finishing with smooth bottom-out performance.



TRANCE X SETUP

SERIES WITH STOCK WHEEL SIZE	27.5-INCH REAR-WHEEL COMPATIBILITY	29-INCH REAR-WHEEL COMPATIBILITY	FLIP CHIP - MAESTRO 3 POSITION	FLIP CHIP - HEADSET POSITION
TRANCE X ADVANCED (29/29)	YES	YES	MID OR LOW (SUGGESTED), HIGH (ACCEPTABLE)	0MM (SUGGESTED), -5MM OR +5MM (ACCEPTABLE)
TRANCE X (29/29)	YES	YES	MID OR LOW (SUGGESTED), HIGH (ACCEPTABLE)	0MM (SUGGESTED), -5MM OR +5MM (ACCEPTABLE)
TRANCE X ADVANCED SX (29/27.5)*	YES	NO	MID OR HIGH (SUGGESTED), LOW (ACCEPTABLE)	+5MM (SUGGESTED), 0MM OR -5MM (ACCEPTABLE)
TRANCE X SX (29/27.5)*	YES	NO	MID OR HIGH (SUGGESTED), LOW (ACCEPTABLE)	+5MM (SUGGESTED), 0MM OR -5MM (ACCEPTABLE)

*Trance SX models N/A in Australia

TRANCE X ADVANCED

A new Advanced-grade composite frameset with Maestro suspension offers 5mm added travel compared to the previous generation, going from 135mm to 140mm. The rear suspension is paired with a 150mm fork. The frame is equipped with two, three-position flip chips for the ultimate in versatility and adjustability. The rear flip chip, located on the Maestro rocker arm, lets you adjust frame geometry and fine-tune handling for riding style and terrain. A second flip chip at the headset makes it easy to change the reach, offering 10mm (-5mm, 0mm or +5mm) of adjustment without having to swap your stem. Also new is an integrated down tube storage compartment to carry trail-riding essentials.



Trance X Advanced 0

TECHNOLOGY

1 ADVANCED COMPOSITE

High-performance grade raw carbon is used to produce this custom frame material in our own composite factory. The mainframe and rear swingarm are handcrafted with monocoque construction for optimized stiffness-to-weight and an ultra-responsive ride quality.

2 MAESTRO SUSPENSION

Four strategically positioned pivot points and two linkages all work together to create a single floating pivot for the most active, efficient and independent suspension system.

3 ADVANCED FORGED COMPOSITE

A high-pressure molding process is used to produce a complex shaped carbon-fiber upper rocker arm that is lighter, stiffer and stronger than an aluminum version.

4 ADJUSTABLE FRAME GEOMETRY

Flip chip adjustability lets you switch between three settings depending on the terrain you are riding. You can select a 64.4, 64.8 or 65.1-degree head angle and corresponding 76.8, 77.2 or 77.5-degree seat tube angle, resulting in a 40, 35 or 30mm bottom bracket drop (size medium).

5 REACH ADJUST

Three-position flip chip at the headset lets riders dial in cockpit dimensions and geometry. This modular system helps fine tune the bike's handling and rider position using two positioning chips that can be removed and swapped to achieve a Short (-5mm), Mid (0mm) or Long (+5mm) reach.

6 REAR WHEEL OPTIONS

Riders can choose either a 29- or 27.5-inch rear wheel, paired with a 29-inch front wheel. The larger 29-inch option improves stability and roll-over capabilities, while the 27.5 option delivers a more agile, snappier feel. It's a quick and easy way to adjust the bike's handling.

7 FRAME STORAGE

New integrated frame storage inside the down tube makes it easy to carry tools, snacks and other essentials. Mounts below the top tube offer an additional option for storage.

8 POWERCORE

A massive down tube and oversized top tube work in unison to provide superior front end lateral and torsional stiffness. The precisely engineered, rectangular shaped down tube yields unprecedented steering precision and pedaling performance.

9 INTEGRATED FRAME PROTECTION

The driveside chainstay and down tube feature built-in protection against rocks and debris. A clear 3M protective strip on the underside of the head tube/down tube junction protects the frame when it's loaded onto a shuttle vehicle.

10 BOOST TECHNOLOGY

Wider hub spacing (110mm front/148mm rear) results in stiffer wheels for added control plus more tire clearance and an improved chainline for optimal drivetrain performance.

11 GIANT TUBELESS SYSTEM

Integrated Tubeless WheelSystem and tires deliver improved efficiency, comfort and control in the most user-friendly and reliable system.

TRANCE X

The all-new frameset is engineered with a super strong and lightweight ALUXX SL aluminum chassis and updated Maestro suspension system. With 140mm of rear travel and a 150mm fork, it gobbles up rocks, roots and ruts with ease. The frame is equipped with two, three-position flip chips for the ultimate in adjustability. The rear flip chip, located on the Maestro rocker arm, lets you change frame geometry and switch the standard 29-inch rear wheel to 27.5 if you prefer. A second flip chip at the headset provides 10mm of reach adjustment. New, integrated frame storage inside the down tube makes it easy to carry tools, snacks and other essentials. Mounts below the top tube offer an additional option for storage, and protection on the down tube prevents damage from trail debris and transportation.



Trance X 1
Dried Chilli colour N/A in Australia

TECHNOLOGY

1 ALUXX SL ALUMINUM

This high-performance, state-of-the-art aluminum material is made predominantly from 6011 alloy and delivers best-in-class strength-to-weight ratios. The frameset features advanced welding technologies for a high-performance ride quality.

2 MAESTRO SUSPENSION

Four strategically positioned pivot points and two linkages all work together to create a single floating pivot for the most active, efficient and independent suspension system.

3 ADVANCED FORGED COMPOSITE

A high-pressure molding process is used to produce a complex shaped carbon-fiber upper rocker arm that is lighter, stiffer and stronger than an aluminum version.

4 ADJUSTABLE FRAME GEOMETRY

Flip chip adjustability lets you switch between two settings depending on the terrain you are riding. You can select a 64.4, 64.8 or 65.1-degree head angle and corresponding 76.8, 77.2 or 77.5-degree seat tube angle, resulting in a 40, 35 or 30mm bottom bracket drop (size medium).

5 REACH ADJUST

Three-position flip chip at the headset lets riders dial in cockpit dimensions and geometry. This modular system helps fine tune the bike's handling and rider position using two positioning chips that can be removed and swapped to achieve a Short (-5mm), Mid (0mm) or Long (+5mm) reach.

6 REAR WHEEL OPTIONS

Riders can choose either a 29- or 27.5-inch rear wheel, paired with a 29-inch front wheel. The larger 29-inch option improves stability and roll-over capabilities, while the 27.5 option delivers a more agile, snappier feel. It's a quick and easy way to adjust the bike's handling and feel.

7 FRAME STORAGE

New integrated frame storage inside the down tube makes it easy to carry tools, snacks and other essentials. Mounts below the top tube offer an additional option for storage.

8 POWERCORE

A massively oversized bottom bracket area features a fully integrated, 92mm wide design. Asymmetric chainstays provide additional stiffness on the driveside and increased stability on the non-driveside.

9 INTEGRATED FRAME PROTECTION

The driveside chainstay and down tube feature more robust protection against rocks and other trail debris compared to the previous generation.

10 BOOST TECHNOLOGY

Wider hub spacing (110mm front/148mm rear) results in stiffer wheels for added control plus more tire clearance and an improved chainline for optimal drivetrain performance.

11 GIANT TUBELESS SYSTEM

Integrated Tubeless WheelSystem and tires deliver improved efficiency, comfort and control in the most user-friendly and reliable system.



#RIDEUNLEASHED

 **GIANT**