

ALL-OUT XC



THE ALL-NEW
XTC SLR 29

GIANT



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This new addition to the XtC range of hardtail cross-country bikes is engineered with our lightest and most advanced aluminum frame technology. Aimed at performance-minded XC riders who favor the pedaling efficiency and agility of a lightweight hardtail, it's a great choice for smooth, fast singletrack riding.

Giant's industry-leading alloy engineering and manufacturing capabilities make the XtC SLR 29 one of the most attainable ways to experience a race-ready XC machine with lightweight acceleration, unyielding efficiency and 29er confidence and control.

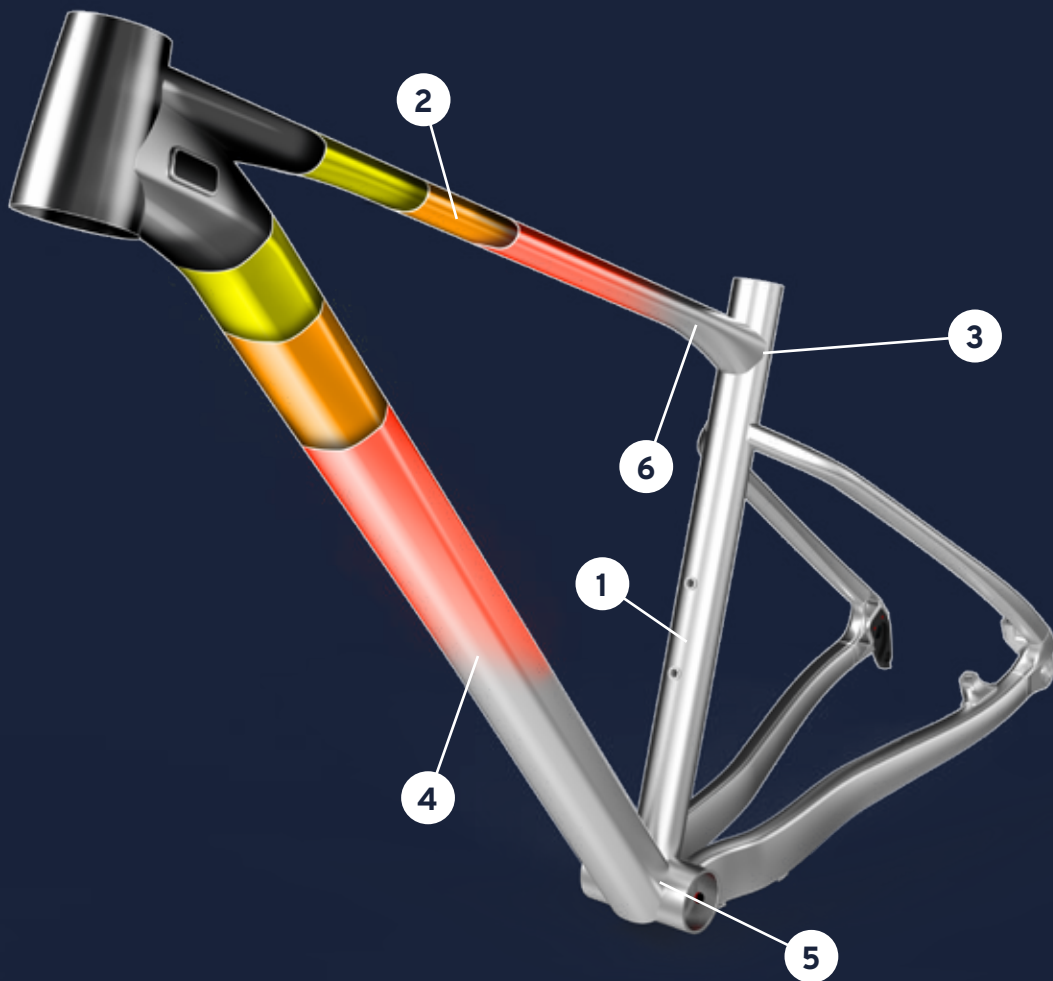
The XtC SLR 29 marks the first time Giant has used our ultra-premium ALUXX SLR grade aluminum for a hardtail 29er. It's also the lightest aluminum hardtail we've ever built. Designed to ride with a 100mm suspension fork, this is a race-bred climber that's both smooth and agile on the trail.

The frame is engineered with a proprietary material consisting mainly of 6011 alloy. The raw aluminum undergoes state-of-the-art microscopic grain manipulation to achieve best-in-class strength-to-weight ratios. The tubes are crafted with our proprietary FluidForm process, which uses an injection of high-pressure fluid to form the alloy shapes. The tubes are then refined with our most advanced butting techniques. This process allows the frame tubing to be thinner and up to 20 percent lighter than our ALUXX SL framesets.

Frame geometry is optimized for 29-inch wheels, emphasizing speed and control with a confident, balanced feel on technical XC trails. Boost hub spacing provides added tire clearance (up to 2.4-inch) and wheel stiffness, and a Giant wheelset with tubeless tires delivers a more efficient, controlled ride quality with a reduced risk of flats. The frame is designed for a 1x drivetrain setup and features internal cable routing for a clean profile.

INSIDE ALUXX SLR

This pro-level aluminum frame technology is crafted with the most advanced materials, forming methods and welding techniques. Used to produce superlight, high-performance frames, ALUXX SLR offers the best strength-to-weight ratios in Giant aluminum bikes.



- 1. FEATURE:**
Premium 6011 alloy

BENEFIT:
High-performance alloy material is used to produce the lightest, strongest aluminum frames with the best strength-to-weight ratio.
- 2. FEATURE:**
Microscopic grain manipulation and advanced butting

BENEFIT:
Allows for 20 percent thinner (and lighter) tubes than ALUXX SL for the highest strength-to-weight ratios.
- 3. FEATURE:**
FluidForm

BENEFIT:
High-pressure fluid is injected into the aluminum tubes to create complex shapes for the most advanced engineering and design requirements of a frame.
- 4. FEATURE:**
PressForm

BENEFIT:
Direct mechanical pressure is used to create simple tube shapes that meet the strategic engineering and design requirements of a frame.
- 5. FEATURE:**
Smooth Weld

BENEFIT:
Double pass welding techniques plus hand-sanding and polishing minimize weight and reduce the potential for stress riser failures in the weld.
- 6. FEATURE:**
Slim Weld

BENEFIT:
Before the tubes are welded together, each junction is custom-fit to ensure extremely tight tolerances. This produces the lightest, strongest and best-looking welds.

XTC SLR 29 TECHNOLOGY

With its lightweight ALUXX SLR frameset and 29er-specific geometry, the XtC SLR 29 delivers fast, confident performance on XC trails and racetracks. Engineered to ride with a 100mm suspension fork, this smooth-riding hardtail accelerates with efficiency and makes quick work of the climbs. Here are the technologies that make this the lightest aluminum hardtail in our lineup.



Pictured: XTC SLR 29 1

1 ALUXX SLR

This superlight pro-level aluminum material is made predominantly from 6011 alloy and delivers the highest strength-to-weight ratio of any Giant aluminum frameset. State-of-the-art microscopic grain manipulation and advanced butting allows for 20 percent thinner and lighter tube shapes than ALUXX SL framesets.

2 OPTIMIZED TUBE SHAPING

Our FluidForm process uses high-pressure fluid injection to shape and manipulate alloy frame shapes. This shaves weight while maintaining frame stiffness to improve ride quality on XC terrain.

3 OVERDRIVE

Our original oversized fork steerer tube design features 1 1/2" lower and 1 1/8" upper headset bearings and a tapered steerer tube. The result is better steering stiffness for more precise handling on the trail.

4 INTERNAL CABLE ROUTING

Integrated ports and a tool-free bottom bracket guide in the frameset make cable installation easier. The internal routing of cables saves weight and creates a cleaner look.

5 DROPPER-POST COMPATIBLE

30.9mm seattube diameter and clean internal cable routing readily accepts dropper seatpost upgrades.

6 MEGADRIVE

A massive rectangular downtube forms the link between the OverDrive 2 headtube area and the PowerCore bottom bracket. This precisely engineered shape boosts steering and pedaling stiffness.

7 POWERCORE

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

8 GIANT TUBELESS SYSTEM

Factory equipped with tubeless ready rims and tires. Just add the included sealant and you're ready to reap the benefits of added efficiency, control and flat protection in the most user-friendly and reliable system.

9 BOOST TECHNOLOGY

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

XTC SLR 29

Hammer up climbs, accelerate on smooth singletrack, carry your speed as the trail dips and dives. This lightweight aluminum 29er combines efficiency and balanced control, just the right combination for XC performance.



Pictured: XTC SLR 29 2

SERIES OVERVIEW

With a frameset that's engineered with ALUXX SLR, our highest-grade aluminum, this superlight and agile 29er delivers speed and efficiency for XC riders and racers. Designed to ride with a 100mm suspension fork, it's a race-bred climber with quick acceleration. The 29er-specific frame geometry offers an ideal balance of stability and maneuverability on all types of XC terrain. Boost hub spacing gives you added tire clearance and wheel stiffness, and a Giant wheelset with tubeless tires delivers a smoother, more efficient ride plus a reduced risk of flats.

KEY PERFORMANCE FACTORS

LIGHTWEIGHT ACCELERATION

The lightest aluminum hardtail mountain bike frameset Giant has ever produced helps XC riders and racers climb and accelerate with speed.

UNYIELDING EFFICIENCY

With a best-in-class stiffness-to-weight-ratio, the all-new Xtc SLR 29 sets the new standard for alloy-XC efficiency.

29ER CONFIDENCE AND CONTROL

Larger 29-inch diameter wheels roll over rough terrain with balance and stability, giving you the momentum to tackle technical climbs and the confidence to fly on fast singletrack descents. Ability to accept up to a 2.4-inch rear tire.

TECHNOLOGIES

ALUXX SLR
Aluminum Technology

OVERDRIVE

Tubeless System

FRAME GEOMETRY (UNITS IN MM UNLESS OTHERWISE INDICATED)

FRAME	S	M	L	XL
Seat tube length	380	431	475	525
Seat tube angle (Degrees)	74.00	74.00	74.00	74.00
Top tube length	595	614	635	665
Head tube length	95	95	105	115
Head tube angle (Degrees)	69.50	69.50	70.00	70.00
Fork rake	51	51	51	51
Trail	95	95	95	95
Wheelbase	1117	1136	1152	1183
Chain stay length	440	440	440	440
Bottom bracket drop	58	58	58	58
Stack	607	607	618	628
Reach	416	435	435	477
Stand over height	727	757	785	818
Handlebar width	780	780	780	780
Stem length	60	70	80	90
Crank length	170.0	175.0	175.0	175.0
Wheel size	29"	29"	29"	29"



#RIDEUNLEASHED

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