

## PRESS RELEASE



Nicolai introduces the G18 Hammer! This bike is precisely positioned in a niche category, that due to its popularity, should not really be a niche at all: Freeride. The discipline where events like the Red Bull Rampage or the Fest Series thrill the mountain bike masses.

Strictly speaking, however, the athletes' bikes are not built for this type of riding, instead, they use modified downhill race bikes that are designed for maximum speed, balance and stability, which have also been engineered to be lightweight speed demons. They were not developed for big air jumps and tricks and are generally too long, too slack and too sluggish for that. The rough and tumble life of a freerider shows that these sophisticated racing machines often cannot withstand the extreme stress of this discipline for long periods.

The new G18 Hammer is a thoroughbred freerider and nothing else. No multi-tasking, no compromises and no jack-of-all-trades. When designing the G18 Hammer, Nicolai worked closely with team rider Max Kruse, one of the few German freeriders who not only competes in events like the Fest Series, but is also at home on MX-sized jumplines and has constantly pushed the progression of this sport for years. Above all, Max and his crew from the Nicolai Freeride Squad need two things for their job that downhill bikes do not provide: playful and agile handling combined with extreme reliability and durability.

To determine the perfect geometry for this radical freeride bike, Max worked with a variable, adjustable Nicolai prototype, testing different lengths and angles via Mutators and flip chips until the desired result was achieved. The G18 Hammer is a mini mullet, with a 27.5" front and a 26"



rear wheel that delivers 186mm of rear travel and is designed for 200mm double crown forks. The frame of the G18 Hammer is built to be particularly low and compact, allowing it to be agile and easy to trick. The chainstays are extremely short at only 420mm and, in combination with the small rear wheel, make the bike particularly agile and responsive. The 63° steering angle ensures precise cornering and stability even at extreme speeds.

The 7020 aluminum frame is calculated and constructed with a focus on maximum strength to withstand hard impacts and casing landings, and of course it still comes with the regular Nicolai 5-year warranty even if used in competitions. The G18 Hammer is focused on the freeride essentials: external cable routing secured with bolted clamps for quick service access and rattle-free riding, double-crown bumpers on the head tube gusset, single speed drive and an ISCG-05 mount. There is no dropper post option, nor is there a bottle cage.

The Fox Factory DHX2 250x75mm coil shock perfectly matches the Hammer's Horst-link rear triangle, and in combination with a 203mm Fox 40 Factory fork, ensures a smooth and well-defined ride with support for precise take-offs and strong final progression against bottom-outs. To slow this beast, Hope Tech supply the Tech 4 V4 brakes with 203mm floating discs and accelerate it via the indestructible Evo crankset. Maxxis Minion DHR II tyres provide the necessary grip. For the rest of the hardware, Nicolai relies entirely on hardcore parts from Reverse, which are also trusted by Max and his Freeride Squad.

On the G18 Hammer, the rear triangle length can be adjusted using Nicolai's Mutators, so it can also be ridden with a pair of 27.5" wheels. In addition to the single-speed solution presented here, Nicolai also offers the bike with optional UDH dropouts for mounting SRAM Transmission gears. This allows the use of this hardcore machine to be extended further towards casual riding: as an OverPowered tool for the bike park, spinning to the local dirt spot or descending the forest down to that secret jump line.



Nicolai team rider Fabi Schwickart has already pushed the G18 Hammer over some of the biggest jumplines and characterizes the bike as follows:

„You push just a little bit and the bike immediately does what it’s supposed to do. It’s so agile and playful, you notice right away what it’s built for. And 26“ in the rear is pretty cool.“

Max Kruse from the Nicolai Freeride Squad, who provided the wish list for the G18 Hammer and worked with the prototype, is also thrilled with the result:

“With the Hammer, you’re an active rider, not a passenger. The suspension is subtle, progressive and delivers perfect boost off the lip. The balance is spot on and nicely centered, maximum standover and is stable on the rear wheel, BMX-like.”



## G18 HAMMER Geometry

[https://docs.google.com/spreadsheets/d/e/2PACX-1vSCrv9oSBCLw6wY3kp\\_Wu4jEII-Xq\\_rRBQhvnW\\_VFWsxPDJz8c-0\\_88U2tEsgUkA3luP\\_BFSzrcTpQ/pubhtml](https://docs.google.com/spreadsheets/d/e/2PACX-1vSCrv9oSBCLw6wY3kp_Wu4jEII-Xq_rRBQhvnW_VFWsxPDJz8c-0_88U2tEsgUkA3luP_BFSzrcTpQ/pubhtml)

## Features

<b>Topology optimisation</b>	Computer-aided design to optimize durability, function and weight
<b>Horst-Link</b>	Drive-optimized and brake-neutral four-link rear triangle
<b>Insert Bearings</b>	Quadruple sealed full complement deep groove and angular contact ball bearings
<b>RADO</b>	Rear Aligning Dropout: exchangeable, adjustable derailleur hanger
<b>UDH Option</b>	Bombproof rear derailleur mount according to UDH standard for SRAM Transmission rear derailleurs
<b>DC Bumper</b>	Bump stops integrated in the head tube gusset for double crown forks
<b>Mini Mullet</b>	27.5" front wheel and 26" rear wheel for maximum agility and maneuverability
<b>Mutatoeren</b>	Adapters for geometry tuning and for adaptation to 26" or 27.5" wheels
<b>Extra Love</b>	Powder coating and anodising colors, decals, customizing, individualisation
<b>2 Frame sizes</b>	Adaptive geometry and load-dependent modification
<b>Tailor Made</b>	Optional custom frame building and individual adaptations
<b>7020 Aluminum</b>	Sustainable and durable, the stuff of dreams
<b>NICOLAI welding technology</b>	Craftsmanship and engineering in perfection
<b>Manufacturing quality</b>	Made in Germany
<b>Warranty and spare parts supply</b>	5-year warranty against cracks and material failure, even in competition use - at least 10-year spare parts supply
<b>More at</b>	<a href="https://www.nicolai-bicycles.com/G18-Hammer-Landing-EN">https://www.nicolai-bicycles.com/G18-Hammer-Landing-EN</a>





## Build Kit

<b>Fork</b>	Fox 40 Factory 203mm 27,5" black
<b>Rear shock</b>	Fox DHX2 Factory 250-75mm + 450er Feder 3,120"
<b>Brakes</b>	Hope Tech 4 V4 silver/red - SET
<b>Brake discs</b>	Hope Floating Disc 203mm black
<b>Crankset</b>	Hope Evo Kurbel 83mm 170mm Länge
<b>Wheel set</b>	Reverse Black One 26" Boost 148x12 / 27.5" 110x20 32 Loch tubeless ready
<b>Tires</b>	Minion DHR II 26" / 27.5"
<b>Bar</b>	Reverse E-Element Ergo 740 - 31,8 - 40
<b>Stem</b>	Reverse Fast Lane
<b>Seatpost</b>	Reverse Comp 30,9
<b>Seat</b>	Nico Vink Saddle
<b>Chain guide</b>	Reverse Flip Guide ISCG 05
<b>Chain tensioner</b>	Reverse Colab
<b>Rear sprocket</b>	Reverse Single Speed Kit / Cog Extra Strong 15T
<b>Pedals</b>	Reverse Black One
<b>Grips</b>	Reverse Spin

## Prices

Frame kit: € 2949

Bike: € 8399

(Build kit seen on photo bike)

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