



PHOTO BY MILOS STAFEK

PRODUCT CATALOG 2021

BEAST



HISTORY AND PROMISE

Beast Components was founded in Dresden in 2016. The founding members got to know each other while studying Lightweight Engineering at the TU Dresden. This university institute is one of just a few hotspots for lightweight engineering in Europe. As an independent development team at the Leichtbau-Zentrum Sachsen – a centre for lightweight engineering in Dresden – they have been working on projects for prominent companies in the aerospace, automotive and marine industries for many years. With each project, they continuously developed their knowledge and acquired the expertise that now provides the basis for Beast Components. Because of our origins, we attach great importance to using the latest scientific methods and state-of-the-art technology. The combination of quality, durability and minimum weight is top priority at Beast Components because we want our products to pass the toughest industrial tests.

We love what we do and are fully invested in what we stand for. You're welcome to visit the Beast production site in person and see for yourself.

→ OUR BEAST PROMISE

You get components with the perfect balance of stability and low weight, a fantastic look and high-quality, sturdy, durable carbon components that you can trust entirely. All handmade in Dresden, Germany. On top you will also receive first class customer service.

HANDMADE IN GERMANY

We are particularly proud of the fact that the entire value-added chain is in our hands and that every aspect of every product – from development and design to production and testing – takes place on our premises. Every product is handmade in Germany. Because when we talk about handmade, we are talking about craftsmanship. And craftsmanship lives through the people who ply their trade; through their experience, knowledge and commitment. We work with the best tools: our own hands.

BEAST

HIGHEND ENGINEERING

For us, too, everything begins on a blank sheet of paper. First, we note a few ideas regarding design and our engineers consider the specifications that the component must fulfil, using as their basis the requirements of the toughest industrial tests. This is because carbon components for bikes must be able to withstand enormous forces and, of course, must not break. Our design engineers start work using these specifications. They design and develop the component using the CAD software CATIA. The moulds for our components are also derived from this.

A major highlight of our development is the complex simulation of each individual component using the FEA software ABAQUS. For the most part, non-linear calculations are performed using fracture-mode-related failure criteria (Cuntze criterion) and evaluated using downstream S/N curve systems (Wöhler). The result of this is that we can virtually test the strength and deformation properties of components under specific loadings and predict a defined life-time before production even starts. Our handlebars, for example, are simulated concerning cyclic loadings, while the rims are examined in a virtual crash simulation. This allows fast development without unnecessary design loops. As a result of these often complex simulations, we receive precise layup plans that are optimized for the respective loads. We then build prototypes and test them on our own test stands to validate the simulation results.

Thanks to this scientific approach to component design we can reach the limits of what is physically possible, because we know exactly where those limits are. This approach is an absolutely unique selling point within the bike industry.

PRECISE PRODUCTION

We work using the best-known lightweight engineering process for complex components: the prepreg autoclave process. First, every layer of the pre-impregnated semi-finished fiber, the so-called "prepregs", is mechanically cut to the correct fit.

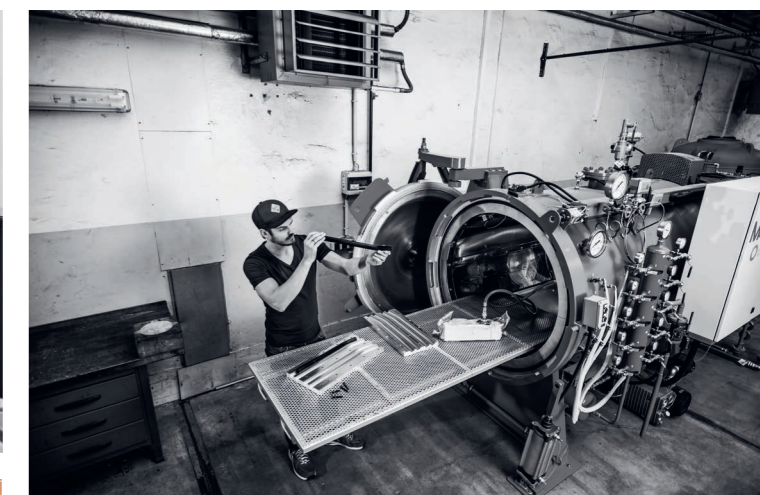
The next step is laminating, i.e. laying up the individual carbon layers in the moulds. This requires considerable skill, accuracy and experience. Every single component is created layer by layer. We use a lot of thin carbon layers, which makes production more laborious. The following will give you a better idea of how the lamination process works: Depending on the handlebar, up to 84 prepreg plies must be positioned by hand according to a specific plan.

After our technicians have very carefully placed the prepregs in the mould by hand and in the appropriate sequence, everything is vacuum-sealed for curing in our autoclave. The components cure under pressure, a constant vacuum in the tool and temperatures of between 110°C and 150°C. This prevents from inclusions (pores) and fluctuations in quality.

The parts are demoulded by hand and meticulously checked. Each of our handlebars is examined from the inside for defects or unevenness using an endoscope. Only components that are perfect in terms of construction are then subjected to visual quality control.

During the visual inspection, components with defects such as bubbles, dents or folds are separated. The tiniest visual defects, unrecognizable to the untrained eye, are repaired, prepared and finished.

We do this because our customers expect, and we want to supply, absolutely perfect components.

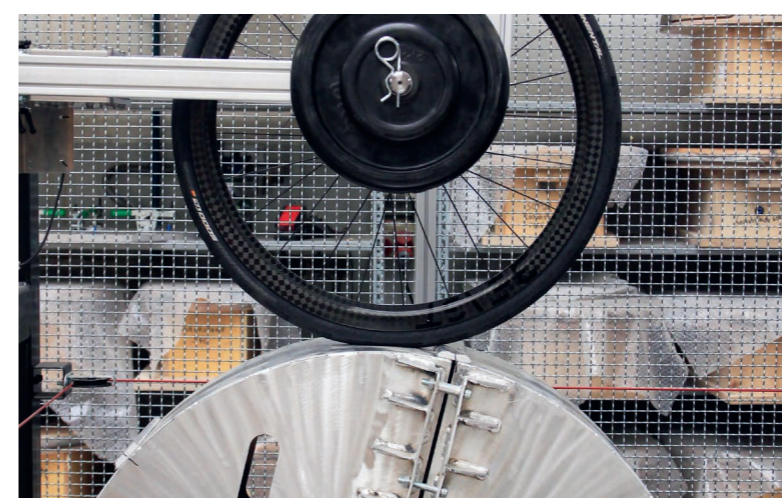


EXTENSIVE TESTING

Thanks to our extensive simulations using the finite element method during the engineering process, we know the capabilities of the first prototype even before the first test. But we want to push the boundaries and make components as light as possible and super-sturdy. Test stands are absolutely essential here. Also because we want you to trust our components 100%, no matter what kind of biking you're into.

We are one of the few component manufacturers who have their own test stands. For us, this means the freedom to test everything in-house at any time and without having to rely on expensive test institutes. This saves time and gives us and our customers much more security. We test far beyond the legal minimum requirements. Especially for the enduro and downhill area we want you to be able to fully trust our components.

Of course, no simulation and no test can replace reality. Numerous experienced bikers put our products through their paces and gave us direct feedback on the riding characteristics.



ROAD

MORE THAN
JUST A RIDE





>> ERGONOMIC REVOLUTION

ULTRA COMFORTABLE, ERGONOMIC AND WELL THOUGHT OUT – A DROPBAR MADE FOR HANDS!



TOPS – The flat top section of the Ultra Bar is ideal for positioning your hands and distributes the pressure of your hands evenly. There is less stress on nerve tracts, which results in significantly fewer cases of discomfort in the hands and numb fingers. You'll feel the benefit on any long tour.



HOODS – When designing the corner area, special attention was paid to even pressure distribution on the palms of the hands, which reduces fatigue and significantly increases comfort. The wide corner area in combination with a specially flattened outer edge is unique in this way and offers real added value. Here, the Ultra Bar offers surface where it is really needed to provide a much more relaxed side and corner grip.

DROPS – The tight bend on the top section of the drop ensures that the handlebar is perfectly compatible with the latest shifters and brake levers. The gentle bend on the lower section of the drop allows a comfortable hand position for optimum power transmission. This gives you a firm, secure grip on the brake levers and prevents cramping in your hands.

ULTRABAR



The Ultra Bar combines race characteristics with comfort in a unique way and sets a new standard in ergonomics. It has been developed both for riders who want to cover long distances and for racers who place a high value on comfort. It allows you to form a perfect unit with your bike for greater power and more endurance. And it's not only the Ultra Bar's ergonomic features that make an impression: the elegant design makes it a real eyecatcher on any road or gravel bike.

Material Carbon	Weight 203 g 211 g 220 g 227 g 235 g
Range of Use Road Gravel	Weight Tolerance 5%
Clamp Diameter 31,8 mm	Weight Limit none
Clamping Area Width 100 mm	
Width 380 mm 400 mm 420 mm 440 mm 460 mm	Colors UD-Finish black SQ-Finish black
Drop 128 mm	
Reach 80 mm	
Backsweep 2°	
Z-Flare 2°	
X-Flare 4°	

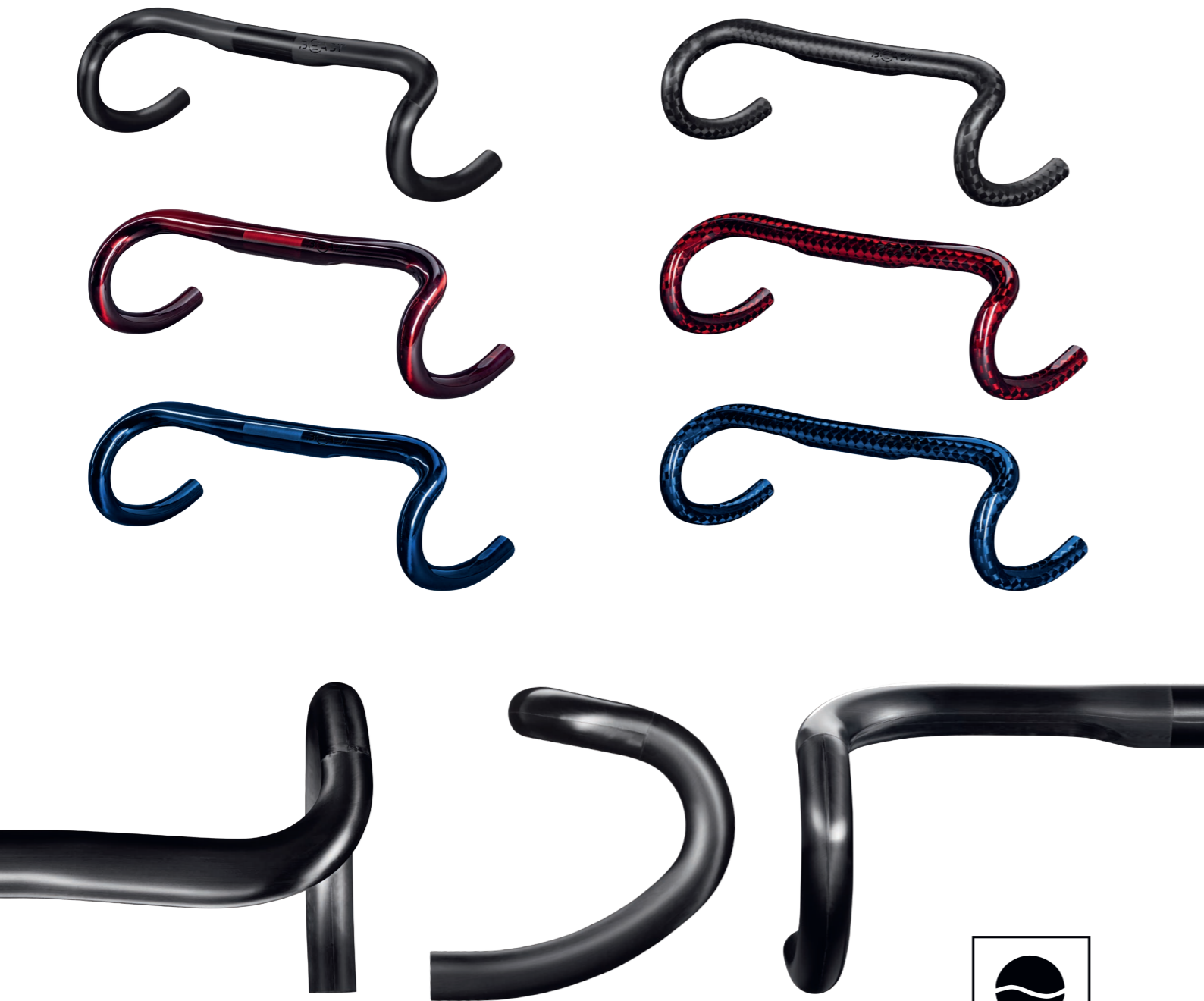
→ The cross-section of the 380 mm and 400 mm Ultra Bar is adapted for smaller hands.



WIDE GRIP COMFORT RANGE

The patented Wide Grip Comfort Range is a real innovation! It creates surfaces where it is really needed to generate as many pressure-relieving hand positions as possible. It will therefore influence your sporting performance – for more endurance, power, control and regeneration. Once in your hand, you won't give away again.

„Thanks to the flat design and the ergonomically optimally adapted outer sides, pressure peaks in the area of the sensitive hand nerves are a thing of the past. Instead, the Ultra Bar provides comfort and control from long training rides to racing.“ Dr. Hermann Meyer (DSHS)

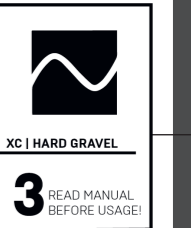


ROADBAR

The Road Bar is sturdy and lightweight with an ergonomically optimized design. This painstakingly handcrafted carbon handlebar naturally comes with integrated cable routing. This lets you choose any setup you want without affecting the design or function of the handlebar. It means that you dictate the pace of the race.

Material Carbon
Range of Use Road | Gravel
Clamp Diameter 31,8 mm
Clamping Area Width 100 mm
Width 400 mm | 420 mm | 440 mm
Drop 128 mm
Reach 80 mm
Backsweep 4°
Z-Flare 2°
X-Flare 0°

Weight UD-Finish: 167 g | 171 g | 175 g
 SQ-Finish: 191 g | 197 g | 201 g
 + 12 g bei Farbe
Weight Tolerance 5%
Weight Limit none
Colors UD-Finish black | red | blue
 SQ-Finish black | red | blue



ROADSTEM

The Road Stem is pure lightweight elegance: it's extremely rigid and super-sturdy. It manages to offer a harmonious carbon design without sacrificing any stiffness. This is partly due to the painstaking handcrafting that goes into every stem. You'll always be right on track and a step ahead of your competitors!

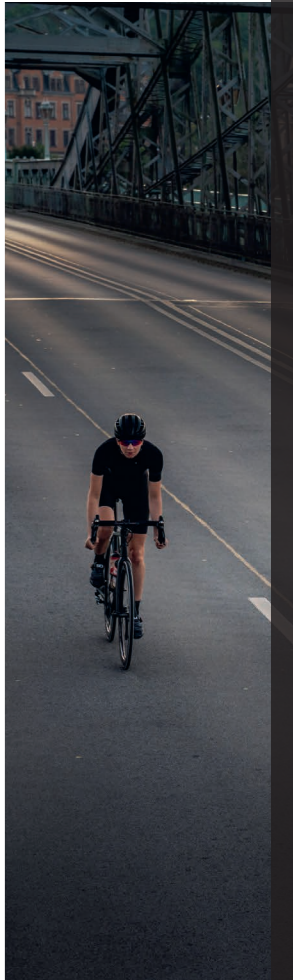
Material Carbon | Aluminum | Titanium
Range of Use Road | Gravel | XC
Length 90 mm | 100 mm | 110 mm | 120 mm | 130 mm
Clamp Diameter Bar 31,8 mm
Clamp Diameter Shaft 1 1/8 Zoll
Angle +/- 6%
Construction Type Ahead

Weight UD-Finish: 132 g | 135 g | 137 g | 143 g | 149 g
 SQ-Finish: 134 g | 137 g | 145 g | 152 g | 159 g
 + 2 g bei Farbe
Weight Tolerance 5%
Weight Limit none
Colors UD-Finish black | red | blue
 SQ-Finish black | red | blue

→ Please Note: Road Stems from a length of 110mm are only approved for use in category 2 „Light Gravel“

A NEW BEAST IS ON ITS WAY

ULTRA BAR - STEM COMBO



The union of our Ultra Bar with the Road Stem will be one of our highlights in 2021. We will not tell you much at this point. But our patented Wide Grip Comfort Range will of course be part of this combo. It will also be a central theme for our engineers to optimally integrate cables in order to get a clean cockpit.

Material Carbon
Range of Use Road | Gravel
Clamp Diameter tba
Width tba
Length tba
Drop tba
Reach tba
Backsweep tba
Z-Flare tba
X-Flare tba

Weight tba
Weight Tolerance tba
Weight Limit tba
Colors tba





RS25 ROADRIM



RX25 ROADRIM



Conquer the mountains! The RS25 is the lightest rim we have ever made and a light version of the RX25. With just 325 g per rim, it is perfect for ambitious cyclists who want to climb the mountains and set up altitude records. But this ultimate wheel for your next mountain challenge is not only lighter at its best, it is also a reliable partner in terms of robustness and durability. The excellent riding characteristics of the RS25 wheels bring your road bike to life. Agile, stiff, fast and aerodynamic, they bring pure riding pleasure on slopes.

Material Carbon	ERD 587 mm	Weight Rims 325 g
Range of Use Road	Asymmetric Offset -	Weight Wheelset 1280 g
Size 700C		Weight Tolerance 5%
Height 25 mm	FW RW 12 x 100 mm 12 x 142 mm	Weight Limit 115kg (system weight)
External Width 27 mm	Hub DT Swiss 180 oder 240	
Internal Width 20,8 mm	Freewheel SRAM XDR Shimano HG	Colors UD-Finish black
Holes 24	Spokes Sapim CX-Ray & Sprint	
	Nipple Sapim Aluminium internal	

→ Tubeless Ready | Hooked Design | Disc Only | Aerodynamically Optimized | Also Available As Rim

The fastest way to the top is with the RX25. There is no denying that when climbing, weight is of the utmost importance. Mass is the biggest enemy of performance. That's why we've made the RX25 extremely light so that every valuable watt of energy can be used by you. With only 358 g per rim, it is the embodiment of light weight with no limitations. Despite its light weight, there is no sacrifice to ride quality, durability and power. But we have saved the best for last: It is not subject to any weight limit. Which other carbon rim in its class can make that claim?

Material Carbon	ERD 587 mm	Weight Rims 358 g
Range of Use Road	Asymmetric Offset -	Weight Wheelset 1350 g
Size 700C		Weight Tolerance 5%
Height 25 mm	FW RW 12 x 100 mm 12 x 142 mm	Weight Limit none
External Width 27 mm	Hub DT Swiss 180 oder 240	
Internal Width 20,8 mm	Freewheel SRAM XDR Shimano HG	Colors UD-Finish black
Holes 24	Spokes Sapim CX-Ray & Sprint	
	Nipple Sapim Aluminium internal	

→ Tubeless Ready | Hooked Design | Disc Only | Aerodynamically Optimized | Also Available As Rim

>> CFD-OPTIMIZED //
HOOKLESS DESIGN>> CFD-OPTIMIZED //
HOOKED DESIGN

RR40 ROADRIM

DESIGN &
INNOVATION
AWARD 2019

LIGHT GRAVEL

2 READ MANUAL
BEFORE USAGE!

RX40 ROADRIM



ROAD

1 READ MANUAL
BEFORE USAGE!

It's extremely light, extremely stiff and has, of course, also been aerodynamically optimized by Len Imes, an expert in computational fluid dynamics (CFD) from iXent in Munich and former professor at Stevens Institute of Technology. With our Framed Edge Design (circumferential layup on the rim flange) we get a particularly resistant rim flange. You can even take a few little off-road trips with this road bike rim.

Material Carbon	ERD 557 mm	Weight Rims UD-Finish: 393 g SQ-Finish: 410 g
Range of Use Road	Asymmetric Offset -	Weight Wheelset UD-Finish: 1410 g
Size 700C		SQ-Finish: 1440 g
Height 40 mm	FW RW 12 x 100 mm / 12 x 142 mm	+ 40 g with color
External Width 27,3 mm	Hub DT Swiss 180 oder 240	Weight Tolerance 5%
Internal Width 20 mm	Freewheel SRAM XDR Shimano HG	Weight Limit none
Holes 24	Spokes Sapim CX-Ray & Sprint	
	Nipple Sapim Aluminium internal	Colors UD-Finish black red blue
		SQ-Finish black red blue

→ Tubeless Ready | Hookless Design | Disc Only | Aerodynamically Optimized | Also Available As Rim
ATTENTION: ONLY PERMITTED FOR SCHWALBE PRO ONE.

Super-light and super-stiff for crazy acceleration. You'll love every turn of your pedals. Len Imes, an expert in computational fluid dynamics (CFD) from iXent in Munich and former professor at Stevens Institute of Technology, has subjected our RX40 rim profile to aerodynamic analysis and optimized it using CFD for minimum air resistance in various riding scenarios. This has made the rim the embodiment of pure speed on the road.

Material Carbon	ERD 557 mm	Weight Rims UD-Finish: 382 g SQ-Finish: 400 g
Range of Use Road	Asymmetric Offset -	Weight Wheelset UD-Finish: 1360 g
Size 700C		SQ-Finish: 1390 g
Height 40 mm	FW RW 12 x 100 mm / 12 x 142 mm	+ 40 g with color
External Width 27,3 mm	Hub DT Swiss 180 oder 240	Weight Tolerance 5%
Internal Width 20,8 mm	Freewheel SRAM XDR Shimano HG	Weight Limit none
Holes 24	Spokes Sapim CX-Ray & Sprint	
	Nipple Sapim Aluminium internal	Colors UD-Finish black red blue
		SQ-Finish black red blue

→ Tubeless Ready | Hooked Design | Disc Only | Aerodynamically Optimized | Also Available As Rim

A NEW BEAST IS ON ITS WAY



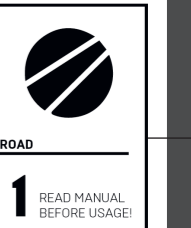
RX60 ROADRIM

The new RX60 is an all-round aero wheelset with excellent performance for a wide range of uses on the road. They are developed in collaboration with iXent from Munich, the renowned CFD experts (computational fluid dynamics). They are characterized by low weight and drag, as well as low crosswind-sensitivity. It is a versatile aero wheelset that lets you ride stable and safe on long distances but also in tight corners.

Material Carbon	ERD 517 mm	Weight Rims 440 g
Range of Use Road	Asymmetric Offset -	Weight Wheelset tba
Size 700C		Weight Tolerance 5%
Height 60 mm	FW RW 12 x 100 mm / 12 x 142 mm	Weight Limit none
External Width 28,5 mm	Hub DT Swiss 180 oder 240	
Internal Width 20,8 mm	Freewheel SRAM XDR Shimano HG	Colors UD-Finish black
Holes 24	Spokes Sapim CX-Ray & Sprint	
	Nipple Sapim Aluminium internal	

→ Tubeless Ready | Hooked Design | Disc Only | Aerodynamically Optimized | Also Available As Rim

A NEW BEAST IS ON ITS WAY



RX80 ROADRIM

Our goal is to develop a high-performance aero wheelset for chasing record times on flat or slightly hilly roads. This goal is already within reach. The new RX80 wheels were developed in collaboration with iXent from Munich, the renowned CFD experts (computational fluid dynamics). Particular emphasis was placed on high aero stability regardless of the wind conditions, a low steering torque even at a high angle of attack and consistent stalling properties. Thanks to the 80mm profile height, one also benefits from a noticeable forward thrust, the so-called „sailing effect“, at optimal angles of attack. These properties lead to an impressive speed advantage.

Material Carbon	ERD tba	Weight tba
Range of Use Road	Asymmetric Offset -	Weight Tolerance tba
Size tba		Weight Limit tba
Height tba	FW RW tba	
External Width tba	Hub tba	Colors tba
Internal Width tba	Freewheel tba	
Holes tba	Spokes tba	
	Nipple tba	

→ Tubeless Ready | Hooked Design | Disc Only | Aerodynamically Optimized | Also Available As Rim

JUST CUSTOMIZE IT!

STEP 1 - COMBINE YOUR ROAD RIMS

Every rider has different demands and needs for his wheels. Also the range of use and the given conditions require a different setup. No wheel can do everything. Therefore it is recommended to combine wheels with different rim heights to achieve an optimal compromise between good aerodynamics, low crosswind resistance, low weight and high stiffness. No problem! **Choose the rim height of your front and rear wheel according to your preferences. Whether 40/60, 40/80 or 60/80.**

STEP 3 - MORE THAN JUST BLACK CARBON

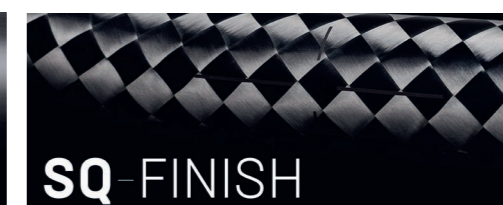
This has never been seen before - **colored carbon**. And because our heart is beating for carbon, it is important to us that the carbon structure remains visible in our colored components. So you have the choice between UD or SQ finish in **black, blue or red**. Exclusively available only from Beast Components.

STEP 2 - CHOOSE YOUR FINISH

Carbon is our passion, because it offers an unexpected variety. We offer our components in two different optics, the **UD- and SQ-Finish**.



UD - FINISH



SQ - FINISH

STEP 4 - COLORED DECALS

As standard, all our rims and wheelsets are provided with a metallic grey branding. Of course the **decals can also be customized** to fit the bike. Just contact us and we will be happy to help you.

GRAVEL

THE ADVENTURE
BEGINS WHERE
THE ROAD ENDS





>> WINNER OF D.I.A 2021

„NONE OF THE JURY MEMBERS HAVE EVER RIDDEN A BAR AS ERGONOMIC AS THIS ON A GRAVEL BIKE BEFORE! “



TOPS – The flat top section of the Gravel Bar is ideal for positioning your hands and distributes the pressure of your hands evenly. There is less stress on nerve tracts, which results in significantly fewer cases of discomfort in the hands and numb fingers. You'll feel the benefit on any long tour.



HOODS – The widely designed corner area is unique in this way and offers real added value. Here the Gravel Bar offers surface where it is really needed to provide a much more relaxed side and corner grip. The even distribution of pressure on the palms reduces fatigue and cramps.

DROPS – For those who prefer riding in the drops, the 24° flare gives you more control and confidence in almost any situation. And if things get too hectic, you can reach the brake lever quickly and easily thanks to the 110 mm drop.



DESIGN &
INNOVATION
AWARD 2021



XC | HARD GRAVEL
3 READ MANUAL
BEFORE USAGE!

GRAVELBAR

Our definition of a perfect Gravel handlebar. The Gravel Bar is a specially designed drop bar for off-road terrain. The construction was chosen to absorb and dampen influences from the trail and minimize upper body fatigue. But it still has the stiffness you need to really feel the terrain. With its ergonomic features, the Gravel Bar is the ultimate companion for any on- or off-road adventure.

Material Carbon
Range of Use Road | Gravel
Clamp Diameter 31,8 mm
Clamping Area Width 100 mm
Hood Width 400 mm | 420 mm | 440 mm | 460 mm
Drop 110 mm
Reach 80 mm
Backsweep 4°
Z-Flare 5°
X-Flare 24°

Weight 228 g | 233 g | 237 g | 241 g
Weight Tolerance 5%
Weight Limit none

Colors UD-Finish black
SQ-Finish black

→ **The cross-section of the 400 mm Gravel Bar is adapted for smaller hands.**

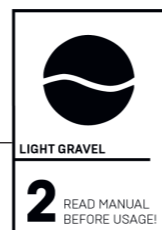
→ **Can be combined with Road Stem or MTB Stem**



WIDE GRIP COMFORT RANGE

The patented Wide Grip Comfort Range is a real innovation! It creates surfaces where it is really needed to generate as many pressure-relieving hand positions as possible. It will therefore influence your sporting performance - for more endurance, power, control and regeneration. Once in your hand, you won't give away again.

„A couch for the hands. Incredibly comfortable!,, German-Lightness Wheel Building

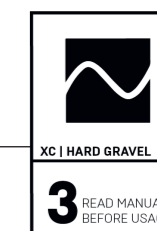


GR40 GRAVELRIM

The GR40 is a gravel rim that can deal with road riding and was developed from the aerodynamically optimized RR40 and the impact-resistant XC30. The geometry, reinforced rim flange and layup of the GR40 gives you the option of riding high-volume tyres with low tyre pressure. As a result, the rim behaves reliably both on- and off-road. Designed for ambitious, adventurous cyclists who sometimes ride off-road, this gravel rim gives you an unbelievably direct ride and makes the GR40 the most versatile rim in our portfolio.

Material Carbon	ERD 557 mm	Weight Rims 415 g
Range of Use Road Gravel	Asymmetric Offset -	Weight Wheelset 1460 g
Size 700C		Weight Tolerance 5%
Height 40 mm	FW RW 12 x 100 mm / 12 x 142 mm	Weight Limit none
External Width 32,4 mm	Hub DT Swiss 240	
Internal Width 25 mm	Freewheel SRAM XDR Shimano HG	Colors UD-Finish schwarz
Rim Flange 2,7 mm	Spokes Sapim CX-Ray & Sprint	
Holes 24 28	Nipple Sapim Aluminium internal	

→ Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim



GR25 GRAVELRIM

The GR25 is a gravel rim that just won't be told. It has been developed for bikers who love the freedom of riding on a wide range of terrain: from roads to scree slopes and simple trails. The wide hookless rim flange protects tyres from puncturing and takes you safely through the terrain. With the special layup architecture in the rim flange, it is the most robust rim in its weight class. Due to its low weight and correspondingly low moment of inertia, it provides unparalleled acceleration.

Material Carbon	ERD 550 mm 587 mm	Weight Rims 348 g 364 g
Range of Use Gravel	Asymmetric Offset 2 mm	Weight Wheelset 1290 g 1360 g
Size 650B 700C		Weight Tolerance 5%
Height 25 mm	FW RW 12 x 100 mm / 12 x 142 mm	Weight Limit none
External Width 30,4 mm	Hub DT Swiss 240	
Internal Width 25 mm	Freewheel SRAM XDR Shimano HG	Colors UD-Finish black
Rim Flange 2,7 mm	Nipple Sapim CX-Ray & Sprint	
Holes 24 28	Nippel Sapim Aluminium internal	

→ Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim

MTB

DIRT IS YOUR
PLAYGROUND



ROAD GRAVEL MTB OTHERS



31,8MM CLAMP DIAMETER



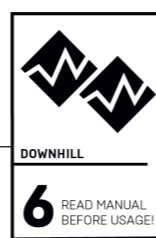
35MM CLAMP DIAMETER



RISER BAR



DESIGN &
INNOVATION
AWARD 2019



Lighter, tougher, better. Our Riser Bar is the lightest carbon handlebar to have passed the toughest industry test in the world. You can use it to ride enduro or downhill. The excellent balance of flexibility, vibration damping and robustness ensures precise steering response and the ultimate on-trail experience.

Material Carbon
Range of Use XC | Trail | Enduro | Downhill
Clamp Diameter 31,8 mm | 35 mm
Backsweep 8°
Upsweep 5°
Weight Tolerance 5%
Weight Limit none
Colors UD-Finish black | red | blue
 SQ-Finish black | red | blue

→ RISER BAR 15

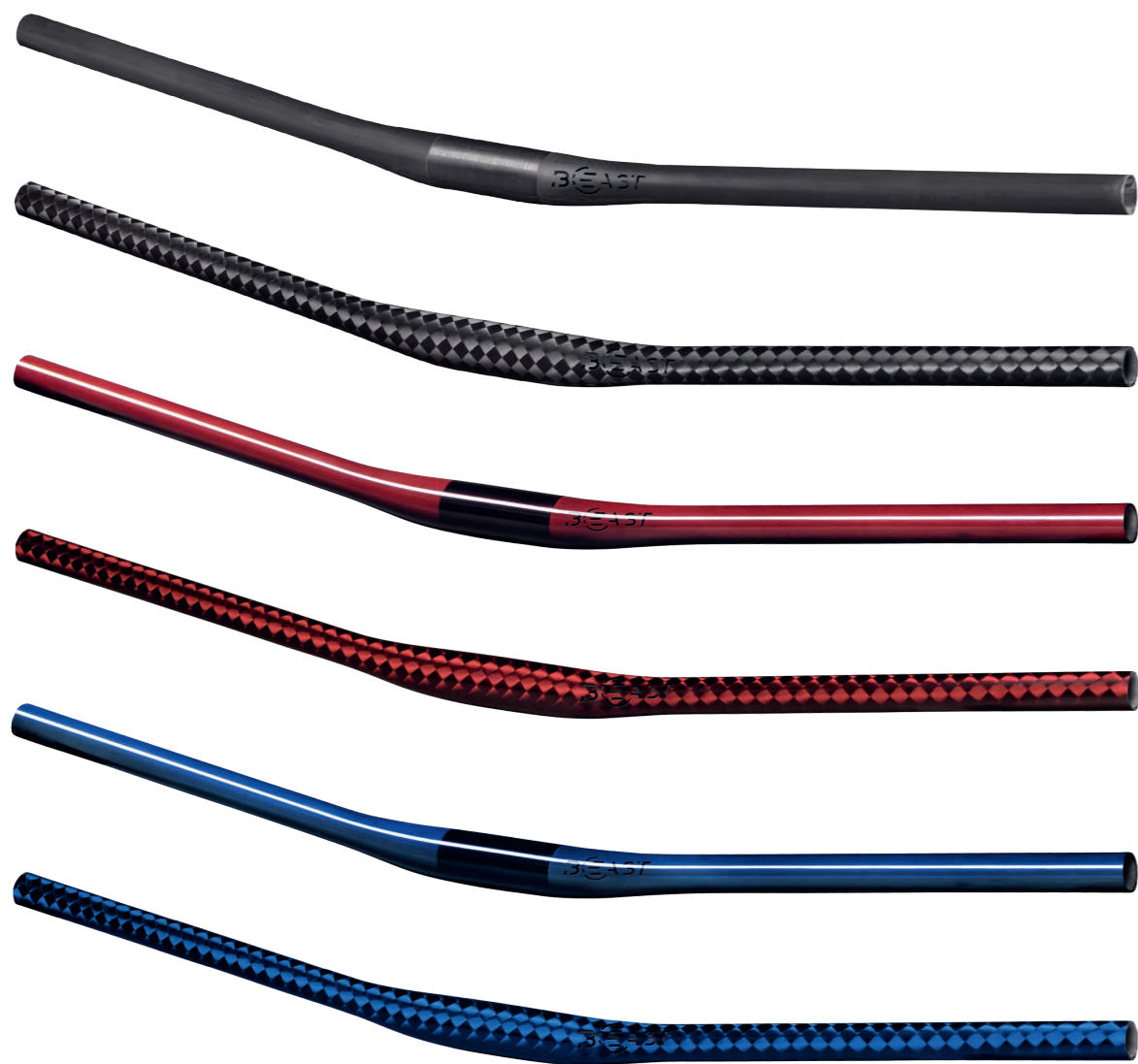
Width 740 mm | 780 mm [at 31,8 mm Clamp Diameter]
 800 mm [at 35 mm Clamp Diameter]
Rise 15 mm
Weight UD-Finish: 147 g | 150 g [at 31,8 mm Clamp Diameter]
 170 g [at 35 mm Clamp Diameter]
 SQ-Finish: 161 g | 167 g [at 31,8 mm Clamp Diameter]
 187 g [at 35 mm Clamp Diameter]
 + 3 g with color

→ RISER BAR 25

Width 800 mm
Rise 25 mm
Weight UD-Finish: 182 g [at 31,8 mm Clamp Diameter]
 194 g [at 35 mm Clamp Diameter]
 SQ-Finish: 195 g [at 31,8 mm Clamp Diameter]
 209 g [at 35 mm Clamp Diameter]
 + 3 g with color

→ RISER BAR 35

Width 800 mm
Rise 35 mm
Weight UD-Finish: 197 g [at 31,8 mm Clamp Diameter]
 209 g [at 35 mm Clamp Diameter]
 SQ-Finish: 213 g [at 31,8 mm Clamp Diameter]
 226 g [at 35 mm Clamp Diameter]
 + 3 g with color



FLATBAR



DESIGN &
INNOVATION
AWARD 2019



ENDURO | HYBRID
5 READ MANUAL
BEFORE USAGE!

Ultra-lightweight. Super-sturdy. Our Flat Bar is the lightest handlebar to withstand the toughest industrial test in the world. The excellent balance of flexibility, vibration damping and robustness ensures precise steering response and the ultimate on-trail experience. The flawless finish with deep reflections and understated branding enhances every cockpit.

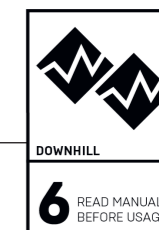
Material Carbon
Range of Use XC | Trail | Enduro
Width 700 mm | 740 mm | 780 mm
Clamp Diameter 31,8 mm
Rise 5 mm
Backsweep 9°

Weight UD-Finish: 145 g | 152 g | 160 g
SQ-Finish: 154 g | 161 g | 169 g
+ 3 g with color

Weight Tolerance 5%
Weight Limit none

Colors UD-Finish black | red | blue
SQ-Finish black | red | blue

MTBSTEM



DOWNHILL
6 READ MANUAL
BEFORE USAGE!

You can rely on the MTB Stem even in rough terrain. It has an excellent mix of stiffness, damping and weight and is therefore also ideally suited to enduro bikes. The carefully manufactured handmade laminate with laminated aluminium thread inserts is super-robust. This really increases the durability of the stem.

Material Carbon | Aluminum | Titan
Range of Use Gravel | XC | Trail | Enduro | DH
Length 45 mm | 60 mm | 75 mm
Clamp Diameter Bar 31,8 mm
Clamp diameter Shaft 1 1/8 Zoll
Angle 0°
Construction Type Ahead

Weight UD-Finish: 105 g | 110 g | 122 g
SQ-Finish: 107 g | 112 g | 125 g
+ 2 g bei Farbe

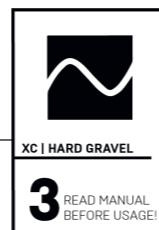
Weight Tolerance 5%
Weight Limit none

Colors UD-Finish black | red | blue
SQ-Finish black | red | blue



A NEW BEAST IS ON ITS WAY

XC25 MTBRIM



The ultra-light XC25 is a narrow rim that is looking for a challenge, both in competitive races and on your favourite trails. You can turn up the intensity on all kinds of terrain, from asphalt to field trails, forest trails, gravel and even scree slopes. With the special layup architecture in the rim flange, it is the most robust rim in its weight class. Due to its low weight and correspondingly low moment of inertia, it provides unparalleled acceleration. You'll definitely feel the edge you have over your competitors when you hit the mountains.

Material Carbon	ERD 550 mm 587 mm
Range of Use XC	Asymmetric Offset 2 mm
Size 27,5" 29"	
Height 25 mm	FW RW 15 x 110 mm Boost 12 x 148 mm Boost
External Width 30,4 mm	Hub DT Swiss 240s or 350
Internal Width 25 mm	Freewheel SRAM XD Shimano HG
Rim Flange 2,7 mm	Spokes Sapim CX-Ray
Holes 28 32	Nipple Sapim Aluminium internal

Weight Rims 348 g 364 g
Weight Wheelset 1345 g 1410 g
Weight Tolerance 5%
Weight Limit none

Colors UD-Finish black

→ Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim

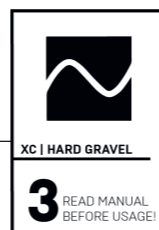
XS30 MTBRIM



The new XS30 Cross Country rim is extremely light and athletic, specially designed for XC races. However, this light-weight also wants to be tested on home trails. With only 350g per rim, it is top of the line in terms of weight vs. stability. The rim immediately reacts to driving commands and gives the needed stability even on fast and narrow trails. With a rim width of 30 mm, lower air pressures can be driven, for noticeably more grip and low rolling resistance without the tires deforming in tight, narrow curves or risking punctures. The XS30 is built for XC racers who want to achieve maximum performance while fighting for seconds.

Material Carbon	ERD 596 mm	Weight Rims 350 g
Range of Use XC	Asymmetric Offset 2 mm	Weight Wheelset tba
Size 29"		Weight Tolerance 5%
Height 20 mm	FW RW 15 x 110 mm Boost 12 x 148 mm Boost	Weight Limit 115 kg (system weight)
External Width 35,7 mm	Hub DT Swiss 240 or 350	
Internal Width 30 mm	Freewheel SRAM XD Shimano HG Microspline	Colors UD-Finish black
Rim Flange 2,85 mm	Spokes Sapim CX-Ray	
Holes 28 32	Nipple Sapim Aluminium external	

→ Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim



XC30 MTBRIM

The XC30 craves hard and aggressive XC riding. The rims are extremely robust and also forgiving. The geometry has been designed for wider tires. This allows riding with reduced tire pressure and the benefit of noticeable traction, grip and stability. A reduced rotational inertia will help acceleration, which will be felt on mountain climbs. As with almost all our rims, the XC30 has no weight limit. It has been built for XC racers who value high reliability and long life. It's a lightweight, yet extremely durable XC rim that's sure to be fun off the road.

Material Carbon	ERD 550 mm 587 mm
Range of Use XC	Asymmetric Offset 2 mm
Size 27,5" 29"	
Hight 25 mm	FW RW 15 x 110 mm Boost 12 x 148 mm Boost
External Width 36 mm	Hub DT Swiss 240 or 350
Internal Width 30 mm	Freewheel SRAM XD Shimano HG Microspline
Rim Flange 3 mm	Spoke Sapim D-Light
Holes 28 32	Nipple Sapim Aluminium external

→ Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim



TR30 MTBRIM

The TR30 closes the gap between the XC and Enduro rims. It offers a stronger layup than the XC30, but is slightly lighter and smoother than the ED30, making it an ideal trail or all-mountain rim. This lightweight allrounder is resistant to external forces and ideal for extensive touring and adventures of all kinds. With its large inner width of 30 mm, the tire can be ridden with less air pressure and lower rolling resistance, which guarantees significantly more grip and a safer riding experience. You can't go wrong with this loyal companion. It is the right choice for passionate recreational cyclists as well as two-wheel professionals.

Material Carbon	ERD 550 mm 587 mm	Weight Rims 433 g 462 g
Range of Use Trail AM	Asymmetric Offset 2 mm	Weight Wheelset 1600 g 1670 g
Size 27,5" 29"		Weight Tolerance 5%
Hight 25 mm	FW RW 15 x 110 mm Boost 12 x 148 mm Boost	Weight Limit none
External Width 36 mm	Hub DT Swiss 240 or 350	
Internal Width 30 mm	Freewheel SRAM XD Shimano HG Microspline	Colors UD-Finish black
Rim Flange 3 mm	Spoke Sapim D-Light	
Holes 28 32	Nipple Sapim Aluminium external	

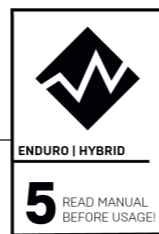
→ Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim



ED30 MTBRIM



DESIGN &
INNOVATION
AWARD 2019



ENDURO | HYBRID
5 READ MANUAL
BEFORE USAGE!

One of our pros describes the ED30 as “inconspicuous”, which is his idea of the highest praise possible. What he means is you don't have to worry about this rim when you're racing; you can concentrate on your ride. We developed this rim with the aim of producing a component that is sufficiently stiff and sturdy but still comfortable in harsh conditions and heavy-duty use. It has outstanding impact tolerance thanks to the reinforced rim flange. Even when the going gets tough and the trail really starts to shake you up, you'll keep your cool. The ED30 won't let you down.

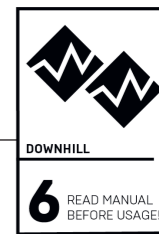
Material Carbon	ERD 551 mm 587 mm
Range of Use Enduro	Asymmetric Offset 2mm
Size 27,5" 29"	
Height 25 mm	FW RW 15 x 110 mm Boost 12 x 148 mm Boost
External Width 36,6 mm	Hub DT Swiss 240 or 350
Internal Width 30 mm	Freewheel SRAM XD Shimano HG Microspline
Rim Flange 3,3 mm	Spokes Sapim D-Light
Holes 28 32	Nipple Sapim Aluminium external

Weight Rims UD-Finish: 477 g 507 g SQ-Finish: 481 g 511 g
Weight Wheelset UD-Finish: 1700 g 1750 g SQ-Finish: 1710 g 1760 g
Weight Tolerance 5%
Weight Limit none
Colors UD-Finish black SQ-Finish black

→ Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim



DH30 MTBRIM



DOWNHILL
6 READ MANUAL
BEFORE USAGE!

The DH30 puts Beast Components' entire know-how on show. It's designed to do its job perfectly. This rim caused us to add additional weights to our impact test stand. That's because the 4 mm wide rim flanges can take a lot. The special geometry and the adapted layup make this downhill rim a reliable companion on any trail. It doesn't get any more robust. As a wheelset it's more wheel than you'll ever need. Best. Ever.

Material Carbon	ERD 552 mm 590 mm	Weight Rims 565 g 604 g
Range of Use DH	Asymmetric Offset 2 mm	Weight Wheelset 1960 g 2030 g
Size 27,5" 29"		Weight Tolerance 5%
Height 25 mm	FW RW 15 x 110 mm Boost 12 x 148 mm Boost 20 x 110 mm Boost 12 x 157 mm Boost	Weight Limit none
External Width 38 mm	Hub DT Swiss 240 or 350	Colors UD-Finish black
Internal Width 30 mm	Freewheel SRAM XD Shimano HG Microspline	
Rim Flange 4 mm	Spokes Sapim Force	
Holes 28 32	Nipple Sapim Aluminium external	

→ Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim

A NEW BEAST IS ON ITS WAY



HY30 MTBRIM



Another contender in our hybrid rim division. Naturally the HY30 will also be able to withstand the extreme demands eMTBs face, just as our HY35, but the geometry will change a bit. Instead of a rim width of 35 mm, the HY30 will have a rim width of 30 mm making it ideal for enduro and downhill biking as well.

Material Carbon	ERD tba
Range of Use Enduro DH E-Bike	Asymmetric Offset tba
Size tba	
Height tba	FW RW tba
External Width tba	Hub tba
External Width tba	Freewheel tba
Rim Flange tba	Spokes tba
Holes tba	Nipple tba

Weight tba
Weight Tolerance tba
Weight Limit tba
Colors tba

→ Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim

HY35 MTBRIM



The era of the e-bike has begun, and e-bikes place high demands on components. eMTB wheels have to withstand greater loads and more kilometres on sometimes tough surfaces. The HY35 rims are adapted to the extreme demands of eMTBs. The special rim geometry, load-optimized layup, reinforced nipple seat and specially adapted rim flange mean that there's nothing standing between you and killing it on your eMTB.

Material Carbon	ERD 550 mm 588 mm	Weight Rims 530 g 558 g
Range of Use Enduro DH E-Bike	Asymmetric Offset 3 mm	Weight Wheelset 2020 g 2080 g
Size 27,5" 29"	FW RW 15 x 110 mm Boost 12 x 148 mm Boost	Weight Tolerance 5%
Height 25 mm	Hub DT Swiss 240 Hybrid	Weight Limit none
External Width 42,6 mm	Freewheel SRAM XD Shimano HG Microspline	Colors UD-Finish black
External Width 35 mm	Spokes Sapim Force	
Rim Flange 3,8 mm	Nipple Sapim Aluminium external	
Holes 28 32		

→ Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim

OTHERS

MORE THAN
JUST A RIDE





SEATPOST STRAIGHT

The Seatpost Straight with its extremely light construction and enormous stability is a real support for your next ride. In addition to a low weight, priority was given to optimal damping and comfortable, controlled flex. Good damping characteristics with balanced flex behavior are the key to all-day comfort on the bike.

Material Carbon | Aluminum | Titanium

Range of Use Road | Gravel | XC | Trail

Diameter 27,2 mm | 31,6 mm

Length at 27,2 mm: 290 mm | 350 mm | 420 mm
at 31,6 mm: 350 mm | 420 mm

Offset -

Clamping 2-bolt forged aluminium clamp

Saddle Clamp for round \varnothing 7 mm and oval saddle frames with 7 mm width

Weight at 27,2 mm | UD-Finish: 154 g | 170 g | 177 g

SQ-Finish: 157 g | 175 g | 190 g

at 31,6 mm | UD-Finish: 185 g | 200 g

SQ-Finish: 194 g | 210 g
+ 3 g with color

Weight Tolerance 5%

Weight Limit none

Colors UD-Finish black | red | blue

SQ-Finish black | red | blue



SEATPOST OFFSET

Just like the straight version, the Seatpost Offset is characterized by its low weight with optimal damping and a comfortable, controlled flex. The 15 mm offset provides an extended seating position and offers additional damping due to its geometry. As with all our components, we pay attention to an extremely robust construction paired with perfect quality. The resulting longevity of our components brings lasting driving pleasure.

Material Carbon | Aluminum | Titanium

Range of Use Road | Gravel | XC | Trail

Diameter 27,2 mm | 31,6 mm

Length at 27,2 mm: 290 mm | 350 mm | 420 mm
at 31,6 mm: 350 mm | 420 mm

Offset 15 mm

Clamping 2-bolt forged aluminium clamp

Saddle Clamp for round \varnothing 7 mm and oval saddle frames with 7 mm width

Weight at 27,2 mm | UD-Finish: 154 g | 170 g | 177 g

SQ-Finish: 157 g | 175 g | 190 g

at 31,6 mm | UD-Finish: 185 g | 200 g

SQ-Finish: 194 g | 210 g
+ 3 g with color

Weight Tolerance 5%

Weight Limit none

Colors UD-Finish black | red | blue

SQ-Finish black | red | blue



A NEW BEAST IS ON ITS WAY

SADDLE PURE



DESIGN &
INNOVATION
AWARD 2019



TRAIL | ALL MOUNTAIN

4 READ MANUAL
BEFORE USAGE!

The Pure Saddle is a real looker, amazingly light and surprisingly comfortable. The elastic construction allows you to sit comfortably on either a road bike or an MTB. You won't have to compromise the ergonomics of your riding position or the way you ride. The exceptionally well-crafted carbon structure gives it an amazingly simple, aesthetically pleasing design. Stable, light, flexible.

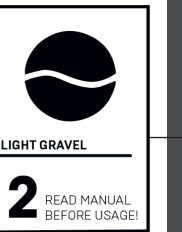
Material Carbon
Range of Use Road | Gravel | XC | Trail
Width 130 mm | soon also available in 145 mm
Length 270 mm
Frame 7 mm x 9 mm (oval)

Weight at 130 mm | UD-Finish: 95 g
SQ-Finish: 97 g
at 145 mm | UD-Finish: tba
SQ-Finish: tba
+ 3 g with color

Weight Tolerance 5%
Weight Limit 90 kg (rider weight)

Colors UD-Finish black | red | blue
SQ-Finish black | red | blue

SADDLE RACE



LIGHT GRAVEL

2 READ MANUAL
BEFORE USAGE!

It goes even lighter! With its exceptional flex, this ultra-light race saddle will be an indispensable component for every ambitious road cyclist. The ergonomic fit and large recess in the perineal area provide optimum pressure relief and thus ensure lasting riding comfort.

Material Carbon
Range of Use Road | Gravel
Width tba
Length tba
Frame tba

Weight tba
Weight Tolerance 5%
Weight Limit tba

Colors UD-Finish black | red | blue
SQ-Finish black | red | blue



SADDLE GRIP

A carbon saddle covered by hand with finest Alcantara leather. It combines flexibility with high robustness, is light and yet comfortable. But above all, this saddle is one thing: slip-proof! Both the saddle shell and the saddle frame are made out of carbon. The saddle shell with its ergonomic fit has a flexing effect feels extremely comfortable. The cover made of Alcantara leather is upholstered locally by a small manufactory in Dresden. A lot of handcraft and love goes into this saddle.

Material Carbon | Alcantara leather
Range of Use Road | Gravel | XC | Trail
Width 130 mm
Length 270 mm
Frame 7 mm x 9 mm (oval)

Weight 105 g
Weight Tolerance 5%
Weight Limit 90 kg (rider weight)
Colors black



SADDLE COMFORT

Comfort meets lightweight engineering! The combination of 3 mm cushioning and a flexible saddle shell takes the sting out of bone-shaking trails and gives you comfort for long days in the saddle. The Comfort Saddle is, of course, lightweight and shines with a balanced of flexibility and robustness. Both the saddle shell and the saddle frame are made out of carbon. The saddle shell with its ergonomic fit has a flexing effect feels extremely comfortable. The cover made of synthetic leather is upholstered locally by a small manufactory in Dresden. A lot of handcraft and love goes into this saddle.

Material Carbon | 3 mm upholstery | synthetic leather
Range of Use Road | Gravel | XC | Trail
Width 130 mm
Length 270 mm
Frame 7 mm x 9 mm (oval)

Weight 130 g
Weight Tolerance 5%
Weight Limit 90 kg (rider weight)
Colors black



BOTTLE CAGE

This bottle cage combines functionality and design, and impresses with its extremely low weight. Its design has been optimized: the integrated clamp can adapt to almost any bottle shape. You have free rein to choose whatever bottle you want for your rides. Weighing in at around just 16 grams, this flyweight cage has an eye-catching look which reevaluates each bicycle and carries reliably up to 750ml bottles.

Material Carbon
Range of Use Road | Gravel | XC | Trail | Enduro | DH
Bottle Size ø 74 mm (standard bottles)

Weight UD-Finish: 20 g
 SQ-Finish: 21 g
 + 1 g with color

Weight Tolerance 5%
Weight Limit none

Colors UD-Finish black | red | blue
 SQ-Finish black | red | blue



SEE YOU OUT THERE

