

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.

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





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.

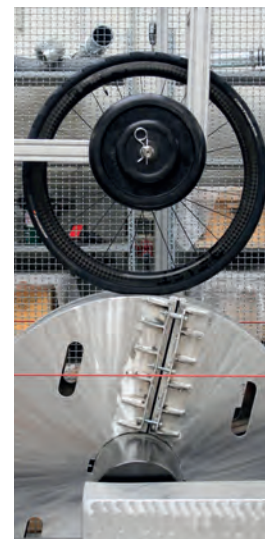


EXTENSIVE TESTING

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.





RESPONSIBILITY

Do you know where your bike components come from? Where they are made? Who produces them? And under what conditions? Hand on heart. Often it is only important to us how it looks. Whether we like them visually. Now and then, the brand behind the product also plays a role and, of course, the price.

However, the look behind the scenes is frightening. 98% of carbon components are produced in Asia. Taiwan, Vietnam, Bangladesh, to name a few. In huge halls there are masses of workers who produce the parts that are sold here for a lot of money under poor and sometimes unhealthy working conditions. For us, this approach is profit maximization at the expense of others.

We at Beast Components also receive several emails from Asia every day. We are offered to have our products manufactured at a much lower price. This would allow us to earn more money, set up in fancy offices or designed showrooms. But we don't do that. And we don't want to.

We are aware of our responsibility and take up the challenge to produce you handmade, high quality bike components in Germany and to pay our workers fairly.

#IMADEYOURCOMPONENTS





MORE THAN
JUST A RIDE



819

ROAD GRAVEL MTB OTHERS



>> 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.



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
Range of Use Road | Gravel
Clamp Diameter 31,8 mm
Clamping Area Width 100 mm
Width 380 mm | 400 mm | 420 mm | 440 mm | 460 mm
Drop 128 mm
Reach 80 mm
Backsweep 2°
Z-Flare 2°
X-Flare 4°

Weight UD-Finish: 203 g | 211 g | 220 g | 227 g | 235 g
SQ-Finish: 234 g | 242 g | 250 g | 259 g | 266 g
+ 7g bei Farbe

Weight Tolerance 5%
Weight Limit none

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

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



10 | 11

ROAD GRAVEL MTB OTHERS



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.



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)



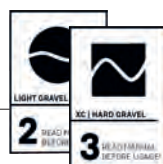
>> NEW!!!

ULTRA BAR IN COLOR

Finally, our favoured Ultra Bar is also available in color. Now it is possible to design the perfect cockpit in UD or SQ finish in the colors black, red or blue. Thus, the most inconspicuous bike becomes a real eye-catcher.

Combine your colored Ultra Bar with the matching Road Stem





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!

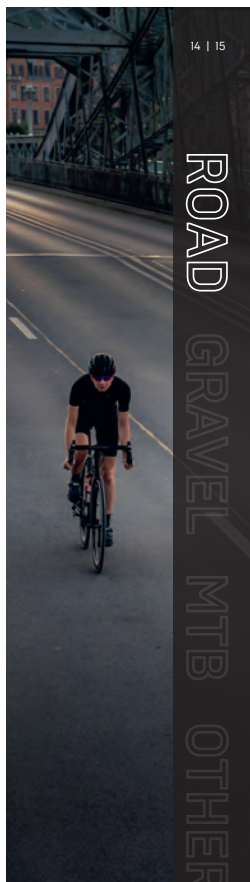
Material Carbon | Aluminum | Titanium
Range of Use Road | Gravel | XC
Length 90 mm | 100 mm | 110 mm | 120 mm | 130 mm
Clamp Diameter Bar 31,8 mm
Clamp Diameter Shaft 1 1/8 Zoll
Angle +/- 6°
Construction Type Ahead

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“





14 | 15

ROAD GRAVEL MTB OTHERS



RS25 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 330 g
Range of Use Road	Asymmetric Offset -	Weight Wheels 1230 g [DT Swiss 180]
Size 700C		1270 g [DT Swiss 240]
Height 25 mm	FW RW 12 x 100 mm 12 x 142 mm	Weight Tolerance 5%
External Width 27 mm	Hub DT Swiss 180 oder 240	Weight Limit 115kg (system weight)
Internal Width 21 mm	Freewheel SRAM XDR Shimano HG Campagnolo	
Holes 24	Spokes Sapim CX-Ray & Sprint	Colors UD-Finish black
	Nipple Sapim Aluminium internal	

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



ROAD GRAVEL MTB OTHERS

RX25 ROADRIM



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?

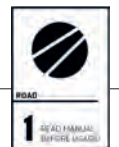
Material Carbon	ERD 587 mm	Nipple Sapim Aluminium internal
Range of Use Road	Asymmetric Offset -	Weight Rims 360 g
Size 700C		Weight Wheels 1290 g (DT Swiss 180)
Height 25 mm	FW RW 12 x 100 mm 12 x 142 mm	1330 g (DT Swiss 240)
External Width 27 mm	Hub DT Swiss 180 oder 240	Weight Tolerance 5%
Internal Width 21 mm	Freewheel SRAM XDR Shimano HG	Weight Limit none
Holes 24	I Campagnolo	Colors UD-Finish black
	Spokes Sapim CX-Ray & Sprint	

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



>> CFD-OPTIMIZED //
HOOKED DESIGN

RX40 ROADRIM



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 380 g
Range of Use Road	Asymmetric Offset -	Weight Wheels 1320 g (DT Swiss 180)
Size 700C		1360 g (DT Swiss 240)
Height 40 mm	FW RW 12 x 100 mm / 12 x 142 mm	+40 g with color
External Width 27 mm	Hub DT Swiss 180 oder 240	Weight Tolerance 5%
Internal Width 21 mm	Freewheel SRAM XDR Shimano HG	Weight Limit none
Holes 24	I Campagnolo	Colors UD-Finish black red blue
	Spokes Sapim CX-Ray & Sprint	SQ-Finish black red blue
	Nipple Sapim Aluminium internal	

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



ROAD GRAVEL MTB OTHERS

RX60 ROADRIM



DESIGN &
INNOVATION
AWARD 2022



The new RX60 are allround aero wheels with excellent properties for a wide range of applications on the road, which let you ride stable and safe on long distances but also in tight corners. Particular attention in the development was paid to a low wind sensitivity in crosswinds and low drag. As a result, this hand-laminated, ultra-high quality wheelset, helps to achieve higher speeds without compromising handling and stiffness.

Material Carbon	ERD 517 mm	Weight Rims 440 g
Range of Use Road	Asymmetric Offset -	Weight Wheels 1440 g [DT Swiss 180]
Size 700C		1480 g [DT Swiss 240]
Height 60 mm	FW RW 12 x 100 mm / 12 x 142 mm	+60 g with color
External Width 28,5 mm	Hub DT Swiss 180 or 240	Weight Tolerance 5%
Internal Width 21 mm	Freewheel SRAM XDR Shimano HG	Weight Limit none
Holes 24	I Campagnolo	
	Spokes Sapim CX-Ray & Sprint	Colors UD-Finish black red blue
	Nipple Sapim Aluminium internal	SQ-Finish black red blue

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



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.



20 | 21

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**.



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.





THE ADVENTURE
BEGINS WHERE
THE ROAD ENDS



22 | 23

ROAD GRAVEL MTB OTHERS



>> 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!"

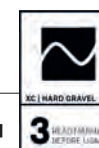


TOPS – The flat top section of the Gravel Bar is ideal for positioning your hands and distributes the pressure of your hands evenly. There is less stress on nerve tracts, which results in significantly fewer cases of discomfort in the hands and numb fingers. You'll feel the benefit on any long tour.

GRAVELBAR



DESIGN &
INNOVATION
AWARD 2021



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 UD-Finish: 228 g | 237 g | 245 g | 253 g
SQ-Finish: 258 g | 267 g | 275 g | 283 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.



24 | 25

ROAD GRAVEL MTB OTHERS



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.



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





26 | 27

ROAD GRAVEL MTB OTHERS



GR40 GRAVEL RIM

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 420 g
Range of Use Road Gravel	Asymmetric Offset -	Weight Wheels 1450 g
Size 700C		Weight Tolerance 5%
Height 40 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 Campagnolo	Colors UD-Finish black
Rim Flange 2,7 mm	Spokes Sapim CX-Ray & Sprint	
Holes 24 28	Nipple Sapim Aluminium internal	

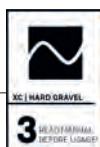
→ Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim



28 | 29

ROAD GRAVEL MTB OTHERS

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.

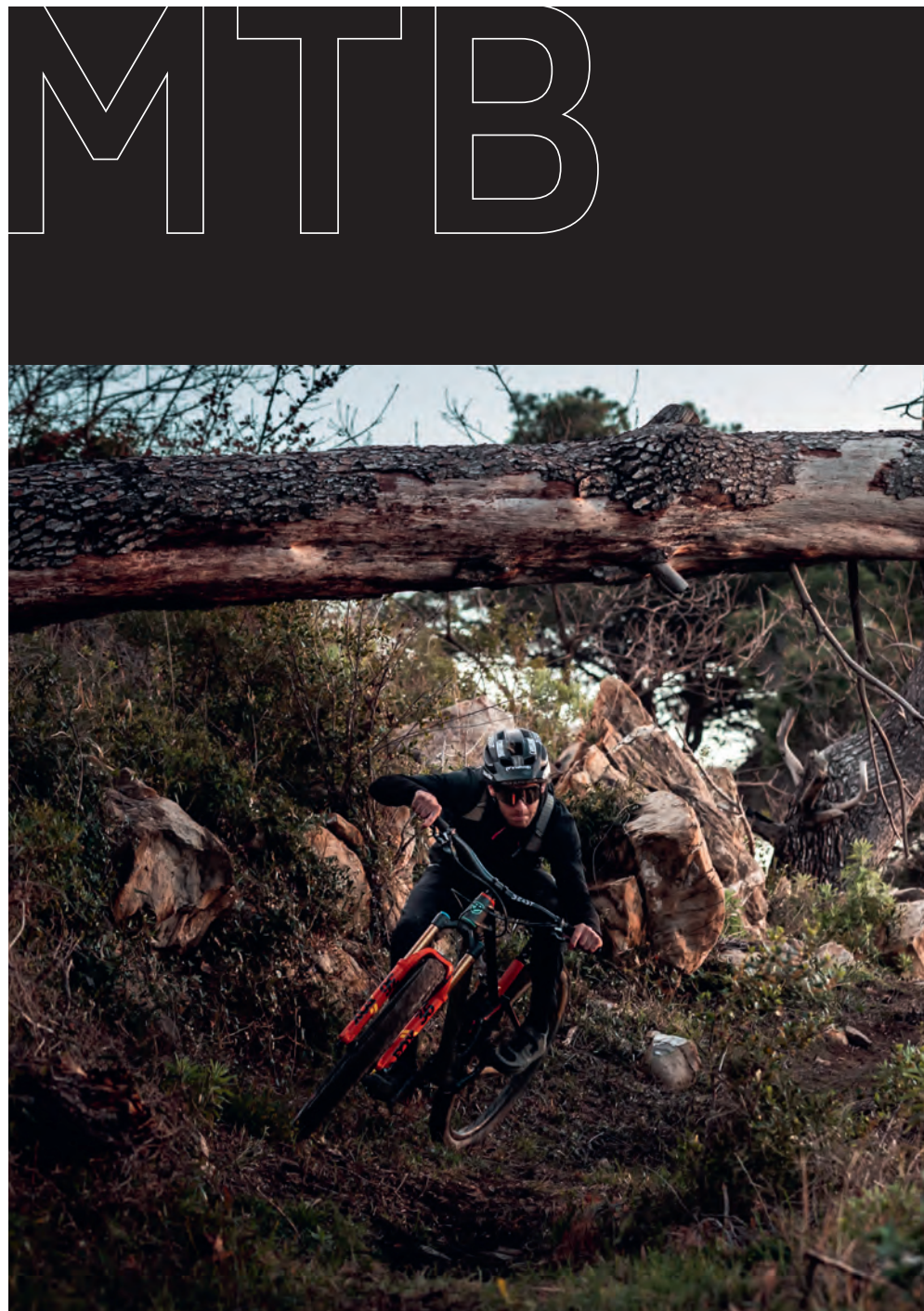
Material Carbon
Range of Use Gravel
Size 650B | 700C
Height 25 mm
External Width 30,4 mm
Internal Width 25 mm
Rim Flange 2,7 mm
Holes 24 | 28

ERD 550 mm | 587 mm
Asymmetric Offset 2 mm
FW | RW 12 x 100 mm / 12 x 142 mm
Hub DT Swiss 240
Freewheel SRAM XDR | Shimano HG
 I Campagnolo
Spokes Sapim CX-Ray & Sprint
Nippel Sapim | Aluminium | internal

Weight Rims 340 g | 370 g
Weight Wheels 1300 g | 1360 g
Weight Tolerance 5%
Weight Limit none

Colors UD-Finish black

—> Tubeless Ready | Hookless Design | Disc Only | Also Available As Rim



DIRT IS YOUR PLAYGROUND



ROAD GRAVEL MTB OTHERS



>> UD-FINISH



>> SQ-FINISH



RISER BAR [2.0]

Our proven Riser Bar has received an upgrade, so you have the free choice of brakes without having to worry about unfavorable clamping. A tad heavier than before, but a lot more stable, this carbon handlebar withstands the toughest industry test in the world. So, you can ride it on your enduro or downhill. The first-class balance between flexibility, vibration damping and robustness provide 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 [2.0]

Width 740 mm | 780 mm (at 31,8 mm Clamp Diameter)
800 mm (at 35 mm Clamp Diameter)

Rise 15 mm

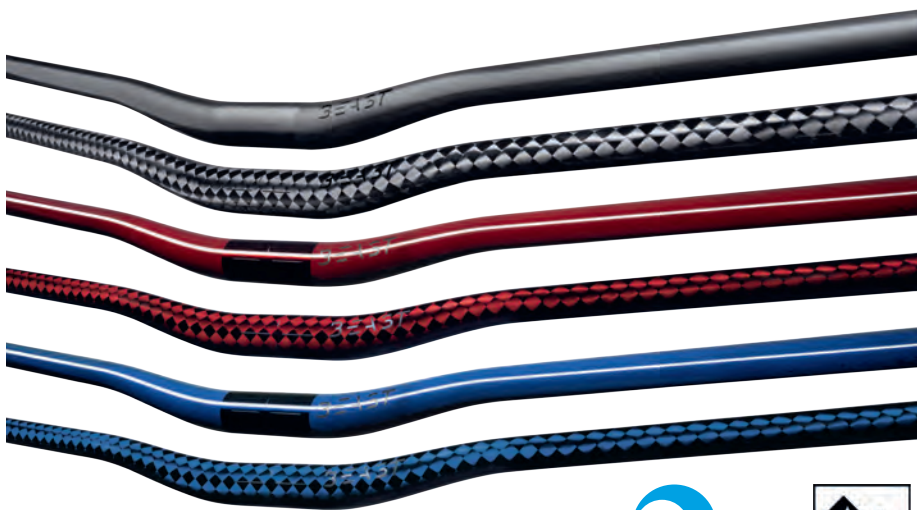
Weight UD-Finish: 174 g | 178 g (at 31,8 mm Clamp Diameter)
197 g (at 35 mm Clamp Diameter)

SQ-Finish: 186 g | 189 g (at 31,8 mm Clamp Diameter)
220 g (at 35 mm Clamp Diameter)
+ 3 g with color



32 | 33

ROAD GRAVEL MTB OTHERS



DESIGN &
INNOVATION
AWARD 2022



>> THATS NEW <<

In addition to the new and even more sophisticated layer structure, we now use a **special mesh made of polyester** for our Riser and Flat Bars. This mesh has a high strength and creep resistance. We use it exclusively in **the clamping area of the brakes** to protect the carbon layers underneath and to provide a safety buffer. It allows the free selection of the desired brake and the use of a higher tightening torque.

→ RISER BAR 25 [2.0]

Width 800 mm

Rise 25 mm

Weight UD-Finish: 196 g [at 31,8 mm Clamp Diameter]
207 g [at 35 mm Clamp Diameter]
SQ-Finish: 207 g [at 31,8 mm Clamp Diameter]
220 g [at 35 mm Clamp Diameter]
+ 3 g with color

→ RISER BAR 35 [2.0]

Width 800 mm

Rise 35 mm

Weight UD-Finish: 213 g [at 31,8 mm Clamp Diameter]
222 g [at 35 mm Clamp Diameter]
SQ-Finish: 224 g [at 31,8 mm Clamp Diameter]
237 g [at 35 mm Clamp Diameter]
+ 3 g with color



>> UD-FINISH



>> SQ-FINISH



DESIGN &
INNOVATION
AWARD 2022



FLATBAR

Our proven Flat Bar has received an upgrade, so you have the free choice of brakes without having to worry about unfavorable clamping. A tad heavier than before, but a lot more stable, this carbon handlebar withstands the toughest industry test in the world. So, you can ride it on your enduro. The first-class balance between flexibility, vibration damping and robustness provide precise steering response and the ultimate on-trail experience.

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

Weight UD-Finish: 172 g | 180 g
SQ-Finish: 182 g | 190 g
+ 7 g with color
Weight Tolerance 5%
Weight Limit none

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



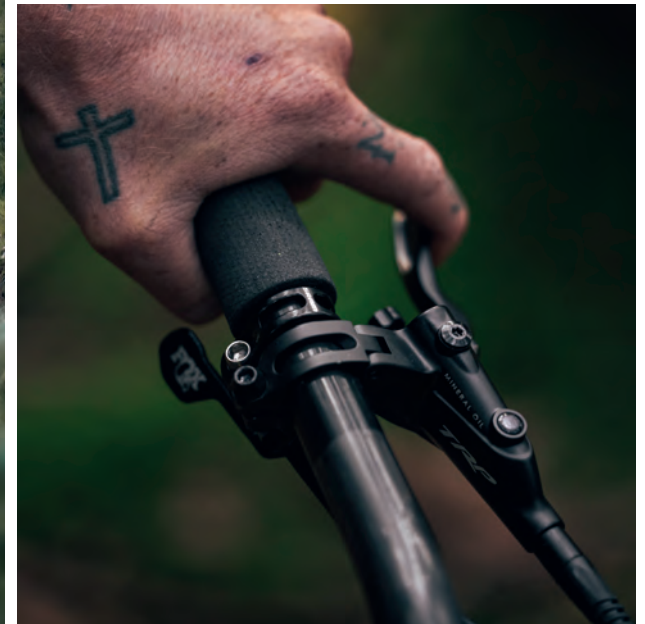
MTBSTEM

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





36 | 37

ROAD GRAVEL MTB OTHERS

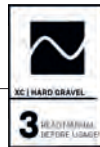


XC25 MTBRIM

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	Weight Rims 330 g 360 g
Range of Use XC	Asymmetric Offset 2 mm	Weight Wheels 1390 g 1450 g (DT Swiss 240)
Size 27,5" 29"		1450 g 1520 g (DT Swiss 350)
Height 25 mm	FW RW 15 x 110 mm Boost 12 x 148 mm Boost	Weight Tolerance 5%
External Width 30,4 mm	Hub DT Swiss 240s or 350	Weight Limit none
Internal Width 25 mm	Freewheel SRAM XD Shimano HG	
Rim Flange 2,7 mm	1 Micro Spline	Colors UD-Finish black
Holes 28 32	Spokes Sapim CX-Ray	
	Nipple Sapim Aluminium internal	

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



XS30 MTBRIM

For the XS30 wheelset we have used a special prepreg, which allows us to design a differentiated layer structure. Instead of some thick layers, we use very many thin ones in this rim. The result is a very light XC rim with about 315g, which respond immediately to driving commands and give the necessary security even on fast and narrow trails. The XS30 is built for XC racers who pay attention to every gram and want to achieve the highest performance in the hunt for seconds.

Material Carbon	ERD 596 mm	Weight Rims 315 g
Range of Use XC	Asymmetric Offset 2 mm	Weight Wheels 1350 g [DT Swiss 240]
Size 29"		1420 g [DT Swiss 350]
Height 20 mm	FW RW 15 x 110 mm Boost 12 x 148 mm Boost	Weight Tolerance 5%
External Width 35,7 mm	Hub DT Swiss 240 or 350	Weight Limit 115 kg (system weight)
Internal Width 30 mm	Freewheel SRAM XD Shimano HG Micro Spline	
Rim Flange 2,85 mm	Spokes Sapim CX-Ray	Colors UD-Finish black
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	Weight Rims 420 g 440 g
Range of Use XC	Asymmetric Offset 2 mm	Weight Wheels 1590 g 1630 g [DT Swiss 240]
Size 27,5" 29"		1660 g 1700 g [DT Swiss 350]
Height 25 mm	FW RW 15 x 110 mm Boost 12 x 148 mm Boost	Weight Tolerance 5%
External Width 36 mm	Hub DT Swiss 240 or 350	Weight Limit none
Internal Width 30 mm	Freewheel SRAM XD Shimano HG	
Rim Flange 3 mm	I Micro Spline	Colors UD-Finish black
Holes 28 32	Spoke Sapim D-Light	
	Nipple Sapim Aluminium external	

→ Tubeless Ready | Hookless Design | Disc Only | auch als Felge erhältlich



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 440 g 470 g
Range of Use Trail AM	Asymmetric Offset 2 mm	Weight Wheels 1620 g 1680 g (DT Swiss 240)
Size 27,5" 29"		1690 g 1750 g (DT Swiss 350)
Height 25 mm	FW RW 15 x 110 mm Boost 12 x 148 mm Boost	Weight Tolerance 5%
External Width 36 mm	Hub DT Swiss 240 or 350	Weight Limit none
Internal Width 30 mm	Freewheel SRAM XD Shimano HG Micro Spline	
Rim Flange 3 mm	Spoke Sapim D-Light	Colors UD-Finish black
Holes 28 32	Nipple Sapim Aluminium external	

→ Tubeless Ready | Hookless Design | Disc Only | auch als Felge erhältlich



ED30 MTBRIM



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	Weight Rims 480 g 510 g
Range of Use Enduro	Asymmetrisches Offset 2 mm	Weight Wheels 1700 g 1760 g (DT Swiss 240)
Size 27,5" 29"		1770 g 1830 g (DT Swiss 350)
Height 25 mm	VR HR 15 x 110 mm Boost 12 x 148 mm Boost	Weight Tolerance 5%
External Width 36,6 mm	Nabe DT Swiss 240 oder 350	Weight Limit none
Internal Width 30 mm	Freilauf SRAM XD Shimano HG Micro Spline	
Rim Flange 3,3 mm	Speichen Sapim D-Light	Colors UD-Finish black
Holes 28 32	Nippel Sapim Aluminium extern	SQ-Finish black

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



>> SQ-FINISH

DESIGN &
INNOVATION
AWARD 2019

ROAD GRAVEL MTB OTHERS



DH30 MTBRIM

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

→ 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

Range of Use Enduro | DH | E-Bike

Size 27,5" | 29"

Height 25 mm

External Width 42,6 mm

Internal Width 35 mm

Rim Flange 3,8 mm

Holes 28 | 32

ERD 550 mm | 588 mm

Asymmetric Offset 3 mm

FW | RW 15 x 110 mm Boost | 12 x 148 mm Boost

Hub DT Swiss 240 Hybrid

Freewheel SRAM XD | Shimano HG
| Micro Spline

Spokes Sapim Force

Nipple Sapim | Aluminium | external

Weight Rims 530 g | 560 g

Weight Wheels 2080 g | 2140 g

Weight Tolerance 5%

Weight Limit none

Colors UD-Finish black

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

ROAD GRAVEL MTB OTHERS

OTHER



RS

MORE THAN JUST A RIDE



46 | 47

ROAD GRAVEL MTB OTHERS



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

ROAD GRAVEL MTB OTHERS



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 \varnothing 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



SADDLE PURE

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 | 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: 104 g

SQ-Finish: 110 g

+ 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 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 | 145 mm

Length 270 mm

Frame 7 mm x 9 mm (oval)

Weight 105 g | 122 g

Toleranz 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 | 145 mm (plus upholstery)

Length 270 mm

Frame 7 mm x 9 mm [oval]

Weight 130 g | 146 g

Weight Tolerance 5%

Weight Limit 90 kg (rider weight)

Colors black



SEE YOU OUT THERE



>> ROAD AND GRAVEL FORKS

A project which is very important to us, is the production of different forks in the field of road and gravel. Thus, we want to become the first manufacturer who produces carbon forks in Europe to offer a more socially sustainable alternative to the Asian products.

>> ULTRA BAR - STEM - COMBO

The union of our Ultra Bar with the Road Stem will be one of our highlights in 2023. As we do not want to disclose too much at this point. Our patented Wide Grip Comfort Range will of course be part of this combo. Likewise, it will be a key point for our engineers to optimally integrate cables in order to achieve a cockpit that is as clean as possible.

>> RX80 ROAD RIM

As already announced, our RX60 gets aerodynamic support. The new RX80 is of course also aerodynamically designed for low wind sensitivity in crosswinds and low drag by our partner company Xent.

NEXT?

56 | 57



NEW BEASTS ON THEIR WAY

>> STEM CAPS

Custom is our thing! Therefore, we want to offer matching stem caps to our stems and bars. Whether for MTB, gravel or road bikes - soon you can perfectionize your cockpit with our black or colored stem caps in UD- or SQ-finish.

>> HY30 MTB RIM

Our hybrid rim gets a companion. The new HY30 will of course withstand the extreme demands of the eMTBs just as the HY35. Only the geometry will change. Instead of a Internal Width of 35mm, the HY30 will have a Internal Width of 30mm. Thus, it is also suitable for Enduro without any problems.

>> SADDLE RACE

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



OUR PROMISE

Just as much as we manufacture top-quality products for bikes, we strive to ensure the best possible service and support for you. Thus, we grant the original buyer of Beast Components carbon products a 5-year Manufacturer Warranty and for all our products a Lifetime Crash Replacement.



5 YEARS MANUFACTURER'S WARRANTY

We vouch for the quality of our products „Made in Germany“. This is why we warrant our carbon products to be free from defects in material or workmanship for five years from the original purchase date (product registration required). Modified, misplaced, misused, improperly installed or obviously abused Beast Components carbon products are not covered by this warranty. Based on this warranty, the company Black East GmbH is not liable for compensation, especially not for indirect damage caused by accidents, collateral damage and consequential damage.



LIFETIME CRASH REPLACEMENT

We offer a Lifetime Crash Replacement Program to the original owner for Beast Components manufactured products. This program covers damages which fall outside of our warranty, no matter for what reason (optical damage is excluded). As part of this program, the price of replacement Beast Components products is 50% off the MSRP. Please note that sales tax, shipping, import duties, and labor are not covered by this program (product registration required).



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.



CONTACT

Black East GmbH
Hermann-Mende-Str. 5-7
01099 Dresden, Germany
+49 (0)351 501 93 700
info@beast-components.de
www.beast-components.de

NOTES

[illegible]