

### **More adrenaline, more power, more trail fun**

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Performance Line CX-R from Bosch unleashes pure energy on the trail – with powerful dynamics and high tech details

- ▶ Performance boost: Up to 100 Nm of torque, 750 W of power, and 400% support for the most demanding riding challenges
- ▶ Perfectly coordinated and customizable riding modes: Exclusive Race mode and new eMTB+ mode
- ▶ Maximum efficiency and robustness thanks to high-tech materials
- ▶ Precise control: High-performance sensors enable fast and controlled power delivery

Stuttgart/Reutlingen – eMTB riding combines adrenaline, flow, and the constant pushing of boundaries. Every rider has their own specific requirements: more power for steep uphill, more boost for technical terrain, or maximum range for long rides. The new Performance Line CX-R from Bosch eBike Systems, a pioneer in eMTB riding, stands for first class trail fun – with maximum power, lightning-fast response, precise control, and an exclusive Race mode for the highest demands. It offers up to 100 Newton meters (Nm) of torque, 750 watts (W) of power, and support of up to 400% of the pedal input. At the same time, the drive unit developed with top athletes boasts high-tech materials from aerospace and racing, has a low weight, and features high quality sensor technology. The latter ensures that the drive unit responds to the pedal input in milliseconds, pushing to the performance limit with power and control. The Race and eMTB+ riding modes, which have been customized for eMTB riding, enable precise and controlled power delivery.

Claus Fleischer, CEO of Bosch eBike Systems, says: “The new Performance Line CX-R is the most powerful drive unit in our portfolio. We have made no compromises when it comes to materials, software, and sensor technology – enabling experienced riders to explore and push the limits of their skills on difficult trails. The new eMTB+ riding mode brings the power of the CX-R to the trail in a controlled manner. Thanks to Dynamic Control – a type of traction

control in the new mode – propulsion remains controlled even on demanding terrain, steep sections, and wet surfaces.”

### **Uncompromising support: Exclusive Race mode**

On challenging terrain, power is not the only thing that counts – a sensitive interplay of performance and control is crucial. Since riders have different requirements, there is a choice of specially customizable riding modes. Riders who want direct power delivery and maximum support can select the **Race mode** available exclusively with Performance Line CX-R. It enables lag-free acceleration and assists with full power up to maximum speed – with up to 400% in addition to rider power. When dynamically negotiating large rocks and complex tree roots, Extended Boost, which is further extended in Race mode, provides additional thrust. This makes it the first choice for competitions and for eMTB riders who want to constantly challenge themselves and master a variety of technical riding challenges. Riders wishing to adapt the mode to their personal preferences can customize the various performance parameters in the eBike Flow app.

### **Full dynamics and control: New eMTB+ mode for demanding trails**

The dynamic and progressive **eMTB+ mode** is another key innovation for physically demanding trail rides. It bridges the gap between eMTB mode and Race mode and balances the full power of the latter with unique control. Based on the rider's input, eMTB+ mode delivers controlled support with up to 400% assistance in addition to the rider's own power. It develops its power in a natural and agile manner, and thanks to Dynamic Control it can always be precisely regulated via the rider's input. eMTB+ mode switches intelligently – depending on the situation – between Dynamic Control and the familiar, direct response. Just like in Race mode, the performance values of eMTB+ mode can also be fine tuned in the eBike Flow app to precisely suit the rider's needs and riding situations.

For ambitious MTB riders, four fine tuned, dynamic riding modes are now available: Tour+, eMTB, eMTB+, and Race. These can be customized via the eBike Flow app – both in terms of performance values (W, Nm) and dynamics and response.

### **Premium materials: Low weight and dynamic riding experience**

Whether on steep uphill trails, sprints over complex tree roots, or rough terrain, the materials of the Performance Line CX-R are designed for maximum performance and durability to get the most out of every riding situation. The powder coated magnesium housing in space gray adds durability, while the corrosion-resistant titanium crank spindle and high quality ceramic ball bearings

reduce the weight to just 6 pounds – and ensure even smoother operation. At the same time, the Performance Line CX-R is durable and reliable thanks to its high quality construction and powerful electronics. When riding downhill, the decoupling of the external drivetrain (chain, chainring, cassette) from the internal drivetrain (freewheel, gear system, motor) ensures reduced mechanical noise so that the full focus remains on the trails and nature.

**High quality sensor technology: Power at exactly the right moment**

To ensure that the **Performance Line CX-R** delivers power precisely in the right riding situations, sensor technology measures the pedal input up to a thousand times per second. The sensor technology used includes precise torque measurement technology and a high resolution cadence sensor. Inertial sensors (IMU) also measure acceleration and rotation speeds in six dimensions, and recognize inclination and tilt angles as well as vibrations. On the trail, this means maximum power, precisely controllable and available at exactly the right moment – whether it's a powerful sprint out of a curve, a fine tuned start on a slippery surface, or steep, technically demanding ascents.

The first electric mountain bikes with the new Performance Line CX-R are expected to be available from dealers from fall 2025.

**Press images are available on the Bosch Media Service at [www.bosch-press.com](http://www.bosch-press.com).**

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For more information please visit [www.bosch-ebike.com](http://www.bosch-ebike.com).

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