# Press release
Bosch eBike Systems

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## More flow for the city – and beyond
Bosch eBike Systems introduces new drive units with more power, a new battery and new features

- New in the smart system: Cargo Line, Performance Line Speed and Performance Line now even quieter, lighter and more powerful
- More power on demand: Higher, individually adjustable performance values for Cargo Line and Performance Line Speed
- Upgrade over-the-air: Performance Line SX with more powerful support on request
- More range for every day: The new PowerTube 540 battery
- New eBike Flow app features: Sharing the eBike with family and friends, digitally securing the battery with "Battery Lock"

Stuttgart/Reutlingen – Bosch eBike Systems is expanding its smart system with three new drive units for urban use. The Cargo Line, Performance Line Speed and Performance Line make eBiking even more comfortable and flexible in everyday life. Highlight: The Cargo Line and Performance Line Speed have received higher performance values (torque, power and support factor), which eBikers can adjust according to their needs in the eBike Flow app. With even more support, the new systems are quieter and lighter than ever before, yet reliable and efficient in the familiar Bosch quality. The Performance Line SX from the smart system is also even more powerful. The new product package is complemented by the new PowerTube 540 battery and other features in the eBike Flow app.

**Maximum support for Cargo eBikes: the new Cargo Line**

Bringing the kids to nursery in the morning, quickly taking parcels to the post office and then doing the weekly shop - with the new **Cargo Line** even heavy loads can be easily transported during daily life. This popular drive unit now delivers even more power: with up to 100 Newton metres of torque (previously up to 85) and 750 watts of maximum power (previously 600), eBikers can transport their children or shopping, even up steep climbs, with greater ease. They decide for themselves whether or not they want to set the new

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performance values in the eBike Flow app (under "Custom riding modes").[1] Higher performance values also mean greater wear and a shorter range - Bosch eBike Systems leaves this decision up to eBikers.
The tried-and-tested Cargo mode provides support of up to 400 percent - automatically and precisely when it's needed. The walk assistance and hill start assist, both featuring Hill Hold, also make handling easier.

The new Cargo Line is not only more powerful, but also more lightweight and quieter. It now weighs only 2.8 kilograms, which is approximately 100 grams lighter than its predecessor. The optimised gearbox reduces riding noise and pedal resistance to a minimum. At the same time, the improved sensor technology ensures smooth acceleration and precise handling – regardless of the load on the Cargo e-Bike. The sensitive response to the rider's pedal input enables greater control and an even more intuitive riding experience.

**Get there faster – with the new Performance Line Speed**
Anyone travelling long distances by eBike every day will find a reliable partner in the new **Performance Line Speed**. With maximum support of up to 400 percent up to 45 km/h, 100 Newton metres of torque and 750 watts of maximum power, the drive unit for S-pedelecs is the ideal system for commuters who want to ride at higher speeds and get there faster. As with the Cargo Line, the performance parameters can now be adjusted via the eBike Flow app.[2] The advantages: eBikers can accelerate faster at traffic lights, for example, and receive maximum support on steep climbs. Thanks to the improved software, the Performance Line Speed now responds even more precisely to pedal input. eBikers also benefit from the significantly reduced pedal resistance, meaning that they have greater rider power and reach their destination quickly and efficiently.

The Performance Line Speed is also approximately 100 grams lighter than its predecessor and impresses with its quiet riding noise. It offers great reliability thanks to its sturdy design – even when subjected to heavy use. The housing is robust as well as dust and splash water protected thanks to the sealing concept employed.

The Limit Mode limits the power of the S-pedelec to a maximum speed of 25 km/h on request, bringing it up to the level of a conventional eBike – practical for anyone who wants to go on relaxed tours at the weekend or deliberately avoid travelling faster in the city.[3]

**Reliable all-rounder: the new Performance Line**
Comfortable and reliable eBiking in everyday life and on excursions – that's the new **Performance Line** from Bosch. This versatile all-rounder offers up to

340 percent support, 75 Newton metres of torque and 600 watts of power. Weighing only 2.8 kilograms, the new drive unit is approximately 400 grams lighter than its predecessor. It supports eBikers with an powerful and even boost when starting off and ensures a particularly comfortable and natural riding experience.

**More powerful Performance Line SX**

The Performance Line SX has new maximum values: 60 Newton metres of torque (previously 55), 600 watts of power and 400 percent support (previously 340). Here, eBikers can decide for themselves whether they want to retain the default values or if they prefer to customise them to meet their individual needs in the eBike Flow app. The performance upgrade will be available to riders of the Performance Line SX via an update in the eBike Flow app in autumn 2025.[4] The eMTB+ mode, introduced in spring 2025, will also be available for Performance Line SX as a free update. It provides more support than the existing eMTB mode and offers maximum dynamics and control.

**More range for every day: the new PowerTube 540**

The new **PowerTube 540** battery is available now. Compared to the PowerTube 500 battery, the new battery now offers 540 watt hours of energy at the same weight – more range for daily commutes in the city or a relaxed weekend tour. The integrated battery meets high safety standards and can be combined with the PowerMore 250 range extender if required, providing almost 800 watt hours.

**New eBike Flow app features: share eBikes and "Battery Lock"**

Bosch eBike Systems adds two more functions to the smart system. The **use of an eBike by several people** is now even easier: In future, eBikers can invite up to five friends or family members to use their eBike via the eBike Flow app. Each invited user can create and save a personal profile on their own smartphone. To use the new function, only the person making the invitation needs a Flow+ subscription.

Another new feature, the **"Battery Lock"** function, will be available from summer 2025. This additional digital theft protection for the battery ensures that the eBike battery can no longer be used if it is stolen – and is therefore worthless to thieves. As soon as the function is active, the battery locks automatically when the eBike is switched off. If a locked battery is stolen and inserted into another eBike with a smart system, it automatically disables the motor support. This also makes reselling the battery pointless, which reduces the risk of theft.

[1] Delivered ex works: 85 Newton metres, 600 watts, 340 percent support. eBikers can adjust the performance values of the drive unit via the eBike Flow app. Note: Higher performance values can have a negative effect on range and wear. The eBike manufacturer can therefore limit the maximum performance values by means of a factory setting. In the eBike Flow app, only the maximum values specified by the manufacturer can be set.

[2] Delivered ex works: 100 Newton metres, 750 watts, 340 percent support. eBikers can adjust the performance values of the drive unit via the eBike Flow app. Note: Higher performance values can have a negative effect on range and wear. The eBike manufacturer can therefore limit the maximum performance values by means of a factory setting. In the eBike Flow app, only the maximum values specified by the manufacturer can be set.

[3] Only available for S-pedelecs in Europe. Activating Limit mode does not change the vehicle status.

[4] Delivered ex works: 55 Newton metres, 600 watts, 340 percent support. eBikers can adjust the performance values of the drive unit via the eBike Flow app. Note: Higher performance values can have a negative effect on range and wear. The eBike manufacturer can therefore limit the maximum performance values by means of a factory setting. In the eBike Flow app, only the maximum values specified by the manufacturer can be set. The upgrade over-the-air is only available for eBikes with derailleur system.

**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.*

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*Additional information is available online at www.bosch-press.com, www.bosch-mobility.com, www.bosch.com.*