

The wait was worth it: Bosch eBike Systems launches first hub motor

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Hub Line and perfectly integrated new features define the next generation of urban eBikes

- ▶ Hub Line: minimalist and lightweight hub motor for stylish riding in the city
- ▶ PowerTube 360: Slim, lightweight battery for clean eBike designs
- ▶ New ConnectModule: Precise tracking and easier retrofitting
- ▶ LED Controller: Compact, ergonomic control unit on the handlebar
- ▶ Intuvia 200: Modern, slim display with excellent readability

Stuttgart/Reutlingen – For modern city dwellers, the eBike is more than just a means of transportation – it's an expression of a conscious and flexible lifestyle. For all those who want to get around the city quickly and in style, Bosch eBike Systems is now launching a range of groundbreaking new products. At its heart is the Hub Line: a lightweight, agile and almost invisible hub motor that was developed specifically for the requirements of urban eBikes. In combination with the new, compact PowerTube 360 battery, it enables particularly slim, lightweight and stylish eBikes. The urban product range is rounded off by the next generation of the Bosch ConnectModule for smart theft protection, the compact LED Controller for intuitive operation and the minimalist Intuvia 200 display.

"With our new features related to the Hub Line, we are ushering in a new era of urban eBikes. They are not only light and agile and excite with a clear and modern design language, but also revolutionize the riding experience in the city. At the same time, we are making connected eBiking accessible to even more people. eBike riders benefit from all the advantages of our smart system: from the usual Bosch quality and durability to intuitive digital services and reliable support – all from a single source and engineered in Germany," says Claus Fleischer, CEO of Bosch eBike Systems.

Hub Line: Clean style, smart power

For all those who want to organize their everyday urban life with style and ease, Bosch eBike Systems is breaking new ground with the [Hub Line](#). While the

company was previously known for its powerful mid-drive motors, the Hub Line heralds a new era for elegant urban bikes as the first hub motor in the smart system. Developed specifically for urban dynamics, its 45 Nm of torque immediately provides noticeably lively yet sensitive support. Thanks to a smart sensor function, this always remains precisely controllable and ensures agile riding behavior, taking the effort out of situations such as starting off at traffic lights or moderate inclines. The motor is completely decoupled at speeds above 25 km/h, allowing the eBike to be ridden like a conventional bike with virtually no pedal resistance.

This feeling of lightness and agility is additionally underscored by the motor's low weight of only approx. 5.1 lbs. The eBike is easy to carry and remains pleasantly maneuverable in city traffic. At the same time, the compact design supports the minimalist aspirations: with a diameter of only around 3.9 inches, the motor blends discreetly into the hub and becomes an almost invisible part of the clean overall design thanks to its black aluminum housing.

As an integral part of the smart system, the Hub Line is fully connected. With the eBike Flow app, the smartphone becomes an intuitive control center for intelligent functions such as [theft protection](#), [navigation](#) and [personalization](#). Regular over-the-air updates ensure that the eBike is always up to date. For those who want to glide even more comfortably through traffic, the Hub Line can also be combined with the [eShift](#) electronic gear shifting solution. eBike riders can choose between manual or automatic gear shifting and benefit from efficient gear shifting operations at exactly the right moment.

PowerTube 360: Energy in its slimmest form

In keeping with the clean design of the Hub Line, Bosch presents the slimmest battery in the smart system to date with the [PowerTube 360](#). Its slim profile of just 2.7 inches in diameter enables such inconspicuous frame integration that eBike models can hardly be distinguished from a conventional bike at first glance – the perfect basis for minimalist, urban eBike designs. But it's not just the design that's impressive: the battery's low weight of just approx. 4.6 lbs optimizes the eBike's center of gravity, making it more responsive and dynamic. With 360 Wh, the battery provides reliable energy for daily urban use and ranges of over 50 miles¹. The DualBattery system can easily be extended for longer distances, for example, with the PowerMore 250 Range Extender. Depending on the manufacturer's design, the PowerTube 360 is either removable or permanently installed in the frame.

Bosch ConnectModule: Intelligent protection for greater peace of mind

Whether for a quick stop at your favorite café or parking in the yard for a longer time – thanks to the Bosch [ConnectModule](#), eBike riders can remain relaxed even when they don't have their eBike in sight. Equipped with GPS, cellular and motion sensors, it forms the basis for advanced digital theft protection functions such as [eBike Alarm](#). The new module generation brings two decisive innovations: It now also uses Bluetooth® Low Energy technology, which enables precise tracking to within a few yards. This means that an eBike can even be found in places where classic GPS trackers reach their limits, such as in basements or backyards. In addition, the module can now be retrofitted more easily to compatible eBikes using a flexible mounting. The extended features are part of the [Flow+](#) paid subscription service.

LED Controller: maximum control, minimal design

With the new [LED Controller](#), Bosch presents the successor to the LED Remote. Thanks to its design, the new control unit is around 65% smaller than its predecessor, creating a tidy, minimalist look on the handlebar. The focus here is on ergonomics: all five buttons are optimally positioned within the thumb radius and provide noticeable and audible feedback. This allows eBike riders to change the support mode, activate the walk assistance or operate the lights safely without taking their eyes off the road. The LEDs clearly display information such as the riding mode and battery level, while a sensor automatically adjusts their brightness to the ambient light – for optimum readability day and night. A practical USB-C connection with up to ten watts of charging power² also enables external devices to be charged.

Intuvia 200: Focus through clarity

The [Intuvia 200](#) is more than just a display – it's a design statement. Its sleek, minimalist look blends seamlessly into the aesthetics of any eBike and emphasizes the clean look. The 2.4-inch grayscale display provides a razor-sharp image and ensures excellent readability in any weather and from any perspective. This allows eBike riders to concentrate fully on the flow during the ride and enjoy the urban experience.

The future of urban eBiking starts now

Perfectly coordinated and digitally connected: Hub Line, PowerTube 360, ConnectModule, LED Controller and Intuvia 200 together define a new generation of urban eBikes. They impress with their combination of intuitive riding experience, minimalist design and smart additional functions. This makes the eBike an integral part of modern city life: whether on the way to work, for a spontaneous outing to visit friends or for a quick ride through the city.

¹ Calculation basis: City eBike with Hub Line, PowerTube 360, range in Eco mode approx. 55 miles. This value may vary depending on use and conditions.

² The USB-C charging function for the LED Controller depends on the drive unit. Further information is available from dealers.

Press images are available on the Bosch Media Service at www.bosch-press.com.

Media contact:

Robert Bosch GmbH

Tamara Winograd

Head of Marketing and Communication Bosch eBike Systems

Telephone: +49 (0)7121 35-394 64

Tamara.Winograd@de.bosch.com

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More information at www.bosch-ebike.com.

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