

E-Bike-Trends & News 2019

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1. E-Race Bikes

BAFANG

Bafang M800 mini mid motor for e-road, e-gravel or e-cyclocross bikes



The ultra-compact new center drive unit weighs less than 2.3 kg. With a 200 W rated output power and a max torque of 55 Nm the almost resistance free motor is optimized for ascents and when starting/accelerating.

Including display, remote shifters and electronics, plus the 200 Wh inTube battery the full system weighs in less than 4,4kg. The pedaling assist level can be set in five steps controlled by 1 or 2 satellite shifter pods. The 2.2 inch TFT color display offers up to 10 settings. Available for 25 km/h (EU), 32 km/h (US) or 45 km/h (S-Pedelec) speed limits

But whatever the exact limit, most important is that when the limit is reached, the drive train unit runs almost resistance free. Thus the rider's own pedaling effort above the limit speed is not affected. This will typically be when riders are pedaling in the upper 20s to mid-30s km/h speed range.



Maserati e-Road Race Bike „Trofeo“

The Maserati Trofeo e-race bike is the result of a combined design project between Bafang, Diavelo and Maserati. This ultra-light alloy electric road bike is creating a new category of e-bikes combining traditional road bike performance with an electric drivetrain system.



It is the ultimate racing bike for the amateur cyclist who needs a boost from the powerful BAFANG M800 Motor when it is needed - to follow friends on a training run or going uphill.

"This award speaks to the significance of product development at both Maserati and Diavelo. We are proud to collaborate with such an innovative drivetrain manufacturer and technology partner as Bafang," says Brian Hoehl, CEO of Diavelo. "We share a passion to design products that improve our enjoyment of the outdoor sports we love."



The bike received also a nomination for the Italian A' Design Award 2019. More details on price points, weight and specification options will be unveiled at Eurobike hall **A1, booth 500**.



2. Compact Utility Bike



Tern Launches Upgraded GSD Compact Utility eBike

Urban transportation specialist Tern launched a second GSD model equipped with the most sought-after features, including a Bosch Performance Line CX motor, an enviolo cargo hub, and a 500 Wh or 1000 Wh battery configuration (DualBattery).



A distinct new ebike form factor, the original GSD was introduced for model year 2018 to strong reviews. The GSD is a bike designed to help cyclists do more—carry their kids to school, do shopping, and get to work faster. It can also be used for commercial purposes, such as delivery or rental.

enviolo's heavy-duty hub is THE hub for high torque electric cargo applications. An infinitely variable transmission with a gear range of 380% lets riders easily change gears under load and at standstill, delivering a smoother ride in stop-and go city traffic. A Boost thru-axle and beefed-up internals deliver improved service life, even in demanding commercial applications. The standard one-battery configuration of the GSD S00 will retail for €4.895,- and will be available in stores in Q1 2019.



3. City- / Touring-Pedelecs



Tern Upgrades Vektron Folding eBike Line with Bosch Active Line- und Active Line Plus-drivetrains

Tern announced an upgrade to its Vektron folding ebike lineup, with three new models. The new Vektron is equipped with the latest Bosch drive system, gets a re-worked frame and riding geometry, and is equipped with an ultra-robust rack that follows the lineage of the heavy-duty Tern GSD.

Bosch's new Active Line and Active Line Plus drivetrains take a big leap forward in sophistication. They are substantially smoother, smaller, lighter, and more efficient. And they are virtually silent.

The three new models include the Vektron Q9 at €2995, the Vektron P7i at €3095, and the Vektron S10 at €3395. Shipping to the EU and the US starts in Q3 2018.



BAFANG

Bafang M420 - Facelift for the M400 (Max Drive) system

The facelift of the well-established M400 (formerly known as Max Drive) system will offer new options for modern-styled city and trekking bikes. The new version uses the same frame mounting interface, comes with a rated power of 250 W, the same powerful 80 Nm performance and a EU-legal speed limit of 25 km/h.



Compatible with the 450 Wh InTube or various rack type batteries plus a number of new displays (with Bluetooth and USB-out functionality) it will give designers ample opportunity to create contemporary looking city and trekking bikes.

