

## Press release

### The new rear hub motor H720 from Bafang convinces with 2-speed automatic shifting and innovative system solutions

**Suzhou, April 2023** - *The last few months have been a bit quiet for new product presentations from Bafang. All the more "powerful" is the presentation of the new H720 rear hub motor by the Chinese drive manufacturer based in Suzhou a little more than two weeks after the Taipei Cycle Show. This motor system, which is focused on the North American market, shines above all with its integrated automatic dual-speed shifting and can be used for both classic spoke wheel (H720) and fully integrated wheel concepts (H720W). At the same time, this powerful hub motor remains the same appearance and dimension as their all fat bike rear motor product line.*

The technical performance data of this rear hub motor gives every e-fatbike or other stylish bike concept the right drive solution. The H720 offers various wattage levels: 250W, 500W, 750W and 1,000W. The respective watt class of the motor delivers correspondingly different torques: 55Nm at a motor weight of 4.8kg, 65Nm at 5.1kg, 80 Nm and a powerful 95Nm at a total weight of 5.4kg. With a rated voltage of 48/52 volts, the system can support up to 28MPH, making it ideally suited for the North American market.



Photo: H720 & H720W – e-drive concepts

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## Integrated 2-speed gearbox

This innovative motor system was designed to support future-oriented bike concepts in their purist appearance, so that in future add-on parts such as rear derailleur, cable pulls and gear levers will be a thing of the past. This is reflected in a significantly lower maintenance effort. The integrated rear derailleur (dual-speed shifting) of the H720 has been put to the test and the shift points have been ideally matched (shifts automatically from 1:1 to 1:1.36, more efficient cadence). The system also has the advantage that these predefined shifting intervals can be customised to the respective bike concept.

## H720 offers two system solutions

With the H720, Bafang can meet the demands of the market and offers two system solutions:  
A. for the classic spoked wheel and B. for a fully integrated wheel concept.



*Photo: H720 - system examples*

## Component availability - short delivery times and UL certificates

Both systems are already in series production and, together with the other components in the system solution, can be delivered within 60 days. The complete system is getting UL2849 & 2271 certificates. The H720 drive system is ready to test and awaits you at our Bafang booth S1 at the upcoming Sea Otter Classic event.

# BAFANG

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## About BAFANG:

Bafang, one of the leading manufacturers of e-mobility components and e-drive systems, has been developing components and complete systems for electric vehicles since 2003. The company is listed on the Shanghai Stock Exchange (603489.SS) and focuses on all global e-mobility trends of the future: be it individual e-bikes, e-scooters or for public bike sharing systems. Bafang employs

over 1300 people at ten international locations worldwide. The headquarters, development and production sites are located in Suzhou, in the immediate vicinity of Shanghai/China. A virtual tour of the new headquarter in Suzhou via a VR Panorama Tour starts [here](#).

Bafang has sales and service centres in the Netherlands, the USA, Germany, Denmark, France, Italy, and China. The newly opened plant in Poland focuses on the production of mid-motor systems for the European markets.

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