

## Press release

For immediate publication

Bafang News 2017 - China International Bicycle and Motor Fair Shanghai

Bafang E-SHAFT - the first motorized shaft drive system for public bike sharing bikes / Bafang MINI hub - smallest and lightest geared hub motor for lifestyle urban bikes / Bafang Display C18 - Premium multicolor display with many functions

*Suzhou, PRC, May 2, 2017* – Bafang, the leading manufacturer of e-mobility components and complete e-drive systems announced multiple new developments for various growing segments within the LEV category.

Sunny He, Chief Engineer, Marketing Director, and one of the founders of Bafang, explains: “Our development strategies for new products are based on a few simple principles. A dedicated, customer focused approach is the main driver of decisions to address a new product, segment, or market, within the ever growing differentiation of the electric bike –or better said: ‘electric vehicle markets’. Speed to market is the other great asset we bring to the table. When trends emerge, our team of 45 engineers can rapidly address matching products, along with our existing complete range of drive train options. Additionally, China has the most prolific and dynamic parts and supplier ecosystem in the world.” He continues; “And to give you a perfect example is our product development for the most dynamic bicycle category currently - Public Bike Sharing Systems (PBSS).”

Public bikes have changed the face of many western cities, but even more so lately the ones in China. More than 2 million new share bikes have been added to Chinese city streets in the last year. And Shanghai leads the world with a total of 450,000 shared bicycles, nearly all of which appeared in the past six months!

The leading player ofo alone has currently 10 million bikes on order! Mobike and some other operators plan on similar quantities- totaling approximately 20 million bikes for the various rental schemes across the country. Even though these bikes also create some problems, like clogging up public space, the boom will continue to flourish- not only in China. But one element yet missing on a larger scale is an economic, yet reliable electric version of a public rental bike.

Public bikes need to be fool and theft proof, with low maintenance requirements to ensure maximum usability over time. One cannot therefore use standard solutions the consumer bike market currently offers.

A crucial element of these rental bikes is the drive train. Many bikes use simple single or 3 speed internal geared coaster-brake hubs and traditional power transmission with a chain. Some others already use a shaft drive.

And the well-developed and trusted shaft drive might be the best solution for an ultra-robust, maintenance free bike drive train. But the human powered versions have always been hampered by the excessive weight and lower efficiency. So, adding a motor can change this equation dramatically.

Bafang has therefore developed the fully integrated E-SHAFT System, an electric powered driveshaft unit for the next wave in PBS-Systems!

Adding a 250W motor with up to 50 Nm of torque, and weighing in at around 5 kg for the complete motor and shaft unit (excluding the battery), will therefore eliminate any weight or drag implications for the rider.

Different length shafts for various wheel sizes and reduction ratios will be provided. The system will be compatible with Shimano 3-, 7-, or 8 speed hubs for various brake options, including coaster brake versions and will be available from March 2018.



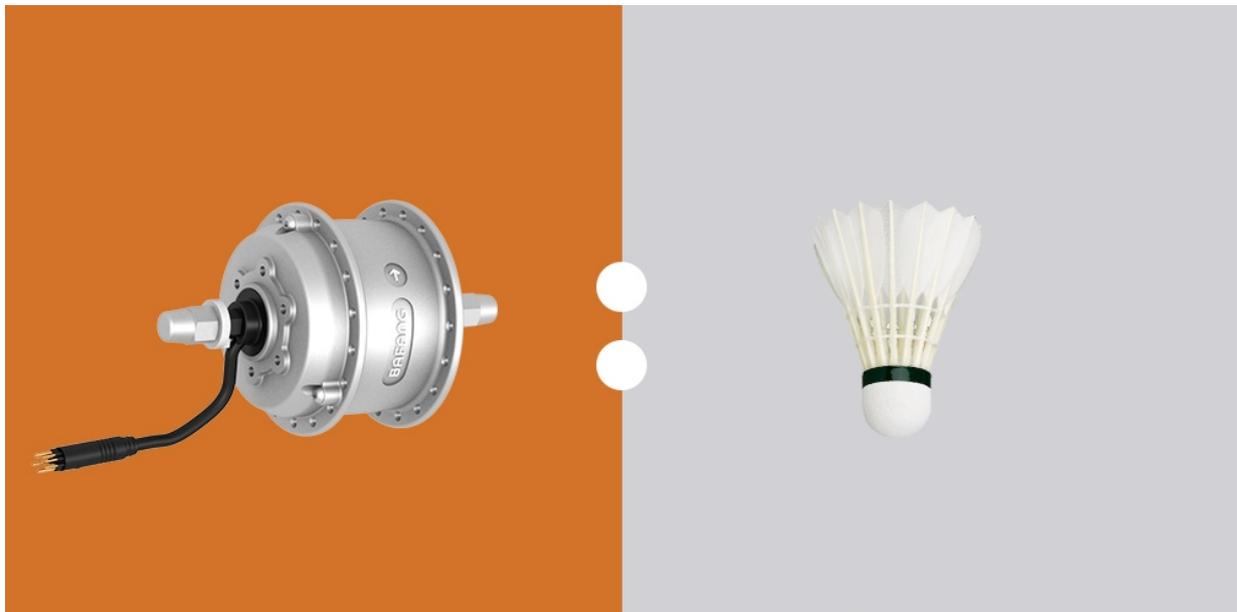
Bafang integrated E-SHAFT System

## Bafang MINI-Hub – made for stealth looking lifestyle eBikes

Already coined the lightest and smallest hub (front or rear) with up to 45 Nm torque currently on the market, this geared hub is strategically aimed at the growing number of clean and lean looking standard-shaped e-Bikes for a sophisticated and lifestyle oriented urban target audience.

Brands like Coboc, Ampler or Faraday and many more have tried successfully to minimize the looks of an eBike. Big bulky motor units and battery blocks are replaced with minimalist design approaches of low capacity battery systems, usually embedded in a standard size down-tube. A small rear or front drive with single or multi speed cassette/derailleur shifting systems create eBikes with a classic bike design.

For this audience, maximum battery capacity, or maximum torque and power don't matter. Cool looks, low weight, and classic bicycle style handling and maneuverability counts more. Add some connectivity and smartphone controls – and you got an eBike for the millennials.



The Bafang MINI-Hub offers the perfect solution for this growing eBike segment – with a weight of less than 1400 gr, only 99 mm in diameter, for all brake system options and compatible with 6 to 9 speed cassettes (rear hub only). Available from Q4/ 2017.

## Bafang DP C18 - Premium multicolor display with many functions

To help customers to further differentiate on quality levels and price points Bafang offers a new ultra-thin, 3.3" color dot matrix display.

A modern user-interface design, USB-out port and Dual Pre-set modes with up to 5 support levels sets a new standard within the display selection of Bafang. A wired remote satellite control unit and an adjustable mounting bracket (0-135°) make this display compatible for a wide range of E-bike styles.



Bafang DP C18 multicolor display and remote control

**For more information please visit the Bafang booth in Hall 4.1., stand Nr. D 0823 at the China International Bicycle and Motor Fair Shanghai.**

Download high-resolution images here: <https://www.dropbox.com/Bafang>

**Press Contacts:**

Europe:

Alban Manz, Uwe Weissflog  
inMotion mar.com

Email: [alban.manz@inmotionmar.com](mailto:alban.manz@inmotionmar.com), [info@inmotionmar.com](mailto:info@inmotionmar.com)

Tel: +49 711 351 640-93 / -91

USA:

Ed Benjamin

Bafang Science Inc.

Email: [edward@szbaf.com](mailto:edward@szbaf.com)

Tel.: +1 239 410 5187

International:

Jack Brandsen

Bafang Electric Motor Science-Technology B.V.

Email: [jbrandsen@szbaf.com](mailto:jbrandsen@szbaf.com)

Tel: +31 852 737 102

**About BAFANG: [www.szbaf.com](http://www.szbaf.com)**

Bafang, leading manufacturer of e-mobility components and complete e-drive systems, has been developing components and complete systems for electric vehicles for more than ten years. Bafang currently has a yearly manufacturing capacity of up to one million motors and system for e-bikes and electric scooters.

Bafang employs more than 300 staff worldwide in three locations. The head office, development and manufacturing center is based in Suzhou, near Shanghai.

Since 2012 Bafang has a sales and service center in the Netherlands and recently opened one in Las Vegas, USA.

*This release is issued by Suzhou Bafang Electric Motor Science-Technology Co., Ltd which retains the ultimate responsibility for the content.*