



PRESS RELEASE

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AXIMO and FIT Showcase Silent E-bike Drive System

AXIMO, the product and system supplier for micromobility at the Hirschvogel Group, is launching its e-bike drive system on the market, and is partnering with FIT, the Swiss brand from the company Biketec GmbH, for system integration. Together, they will be exhibiting at a joint booth at Eurobike in Frankfurt.

At the heart of the AXIMO e-bike drive system is the DD60 wheel hub motor in direct rotor design. It does not require a gearbox and impresses with its silky-smooth riding characteristics and silent power delivery. An inaudible freewheel rounds off the noiseless riding experience.

The reliable, maintenance-free wheel hub motor, with a torque of 60 Nm at a weight of approx. 5 kg, is available in both a pedelec and an S-pedelec version. Integrated, high-resolution sensor technology for torque and cadence measurement ensures very direct response from the drive and enables harmonious operation. The motor's highly efficient magnetic circuit offers the optimum riding performance and range, both of which are further enhanced by the option of energy recovery. Straightpull spokes and an installation width in the Boost standard with a 12 mm thru axle allow the fitting of heavy-duty wheels. The AXIMO drive is manufactured in southern Germany.

The system is completed with perfectly coordinated hardware and software from FIT. It will be available with a large selection of cockpit solutions, smartphone connectivity, battery versions ranging from 550 to 1,000 Wh, and several charger options.



“We, FIT and AXIMO, are jointly offering a powerful, versatile drive system for trekking bikes, S-pedelects, and cargo bikes. It opens up completely new possibilities for bicycle manufacturers,” says Michael Schleich, Vice President Corporate Development at the Hirschvogel Group and responsible for AXIMO.

The first customer is the young brand Konrad Bikes (www.konradbikes.de) from Höxter, Germany, which stands for innovative and sustainable e-bikes marked by high quality and individuality. At the Eurobike fair, Konrad Bikes will be presenting a new trekking bike that captivates with its design, its frame that is laser-welded in Europe, and the AXIMO DD60. Test rides are possible at the Konrad Bikes booth in the outdoor area (F12-J06).

AXIMO. Eurobike, Messe Frankfurt. July 3 to 7, 2024. Hall 12.0, Booth B16.

Fig. 1: AXIMO drive system: the DD60 wheel hub motor (© Hirschvogel E-Solutions GmbH) and the components from FIT (© Biketec GmbH)

Fig. 2: AXIMO DD60 wheel hub motor with integrated sensors and power electronics (© Hirschvogel E-Solutions GmbH)

Fig. 3: Konrad Bikes cross trekking bike with AXIMO drive (© Konrad Mobility GmbH)



About the AXIMO brand

AXIMO is a brand of the Hirschvogel Group. It is backed by a team of bicycle enthusiasts who develop and produce a modular system of components that can be used to implement sustainable and cost-effective vehicle concepts in the field of micromobility – from e-bikes to L7e vehicles. The independently operating team benefits from the industrialization expertise and innovative spirit of the parent company. Hirschvogel is one of the world's largest manufacturers of forged and machined steel and aluminum components for the automotive industry.

www.aximo.com

About Biketec GmbH

Biketec GmbH develops and sells innovative technologies for e-bikes. With FIT e-bike system integration, Biketec GmbH combines electrical components from various renowned manufacturers to create a “best-in-class” system and offers intelligent, flexible solutions for e-bike manufacturers, specialist retailers, and consumers. Biketec GmbH provides e-bike retailers with a comprehensive all-round service. Technically sophisticated tools and products guarantee a high level of reliability. The continuous training of maintenance staff in retail outlets is of great importance. The benefit for e-bike riders lies in the unique riding experience that FIT technology provides. With new design ideas, configurations, and additional functions, the FIT developers are making e-bike riding safer and more comfortable. Biketec GmbH is a spin-off of the Swiss e-bike pioneer FLYER AG, headquartered in Huttwil, Switzerland, which is now one of its customers. The subsidiary Biketec Europe GmbH, based in Elsenfeld, Germany, is responsible for all business activities in the EU.

www.fit-ebike.com