

# Urtopia to Showcase 1.2 kg / 65 Nm Motor at Eurobike 2025

*Urtopia Titanium Zero Concept Bike Demonstrates Lightweight Motor Integration*

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[/EINPresswire.com/](https://EINPresswire.com/) -- Urtopia will present its latest motor innovation at Eurobike 2025, introducing the Quark DM 1.2 mid-drive motor. Developed in-house, the motor is designed for high torque-dense, lightweight electric bike applications.

To demonstrate its integration and performance, Urtopia will exhibit the Titanium Zero Concept E-Bike, a prototype built specifically to showcase the Quark DM 1.2 motor in a real-world configuration.

## Quark DM 1.2 Motor – Key Specifications

Weight: < 1.2 kg

Maximum Torque: 65 Nm

Integrated Technologies:

- High-precision torque sensor for seamless riding
- Dynamic magnetic encoder with ultra-high sensitivity
- High-performance hollow cranksets, compatible with all bicycles

## Titanium Zero Concept E-Bike – Demonstration Platform Features

3D-printed titanium alloy frame

Semi solid-state battery with up to 300 Wh/kg energy density

Carbon fiber components: wheels, fork, cranks, saddle

Titanium alloy seatpost

SRAM 12-speed electronic shifting compatibility



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The Quark DM 1.2 motor and associated technologies featured in the Titanium Zero platform will support the development of future Urtopia e-bike models.

Beyond engineering innovation, Urtopia will also showcase technological breakthroughs at Eurobie 2025

Urtopia Smart System

Built-in ChatGPT:

Urtopia GPTs--The World's First AI Voice Assistant for Riding.

Hands-free navigation and real-time safety alerts.

On-the-go tips and entertainment for smarter, safer riding.

Smartbar Integration:

Anti-Theft, GPS Navigation, Fingerprint Unlock, Voice Control, OTA Upgrade, etc.

Sensor Suite:

Torque, Gyroscope, and Accelerometer for the most accurate sense of every pedal and intelligent ride adaptation.

eSIM-Enabled:

Data Storage & Tracking, Global Network Access.

About Urtopia

Urtopia is a global leader in e-bike innovation, renowned for its expertise in carbon fiber technology and cutting-edge designs. As the "Carbon Fiber Expert," Urtopia is committed to creating lightweight, durable, and sustainable solutions for modern riders, redefining the future of e-riding.

More information is available at:

<https://newurtopia.de/pages/pages-smartest-ebike>  
[Media kit](#)

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