

PRESS RELEASE

PINION ELECTRIFIES GEARBOX SHIFTING

UNDER EMBARGO – NOT FOR RELEASE FOR PUBLICATION BEFORE 12.07.2022, 2 P.M.

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At Eurobike 2022, Pinion presents a world premiere with launch partner Stromer. The Stromer ST7 is the world's first speed pedelec with Pinion's new Smart.Shift technology. The Smart.Shift system enables electric shifting of the Pinion gears – fast and precise, even under load!

THE PROVEN PINION GEARBOX - NOW SHIFTS ELECTRICALLY

Pinion Smart.Shift brings automotive driving dynamics to the E-bike. It combines the reliable and almost maintenance-free gearbox shifting technology with the advantages of pushbutton electric shifting. Shifting is done at the touch of a button - quickly, ergonomically, and intuitively. The system shifts while riding, while stationary, and while under load! The other functions are also smart: The starting gear can be pre-selected and thanks to the integrated shift indicator in the E-bike display, the selected gear is visible while riding.

"We are shifting into the future! The Stromer ST7 with the electric Pinion Smart.Shift technology takes shifting performance to the next level. In close cooperation with Stromer, we succeeded in realising a complete system integration including power supply from the e-bike battery, as well as indication of the Smart.Shift settings and gear information in the e-bike display via CAN bus." - Friedemann Böhmler, Project Lead Smart.Shift, Pinion GmbH

PINION SMART.SHIFT IN THE S-PEDELEC STROMER ST7

At the time of launch as shown on the Stromer ST7, the E-bike battery supplies power to the Pinion Smart.Shift system. This was the result of close development cooperation between Pinion and Stromer. Electric shifting for Pinion gearboxes is currently only available in conjunction with select E-bike systems.

The Pinion Smart.Shift system on the Stromer ST7 is characterized by the following features:

- **Pushbutton performance** by the E-Trigger TE1
- Shifts in **0,2 seconds**
- **Crisp shifting** thanks to well-defined haptics
- **Intuitive shifting:** Shifting while stationary, or while under load

SMART FUNCTIONS: THE DRIVETRAIN WITH BRAINS

The premiere model Stromer ST7 shows off a complete system integration through the CAN bus interface which enables the display of all shift settings and a gear indicator on the E-bike display.

- **Start.Select** allows you to select your starting gear
- **Gear indicator** on the E-bike display
- Shift at precisely the right moment thanks to the **shift recommendation** on the display

Initially, Pinion Smart.Shift is only available in conjunction with C-line gearboxes. Smart.Shift gearboxes differ in their internal structure from P- and C-line gearboxes, for this reason retrofitting the Smart.Shift is neither possible nor permitted.

Pinion will be providing further information on Pinion Smart.Shift technology at Eurobike.

The official presentation of Pinion Smart.Shift will take place together with launch partner Stromer from 13-17 July 2022 at EUROBIKE Frankfurt. The Stromer ST7 will be available for test rides at the Pinion test site and at the Stromer booth throughout Eurobike.

- **Pinion, Hall 12.0 / D08 und Outdoor Demo Area F12.0 / 139**
- **Stromer, Hall 12.0 / C17 und Outdoor Demo Area F12.0 / H03**

MORE INFORMATION

Download Media: <https://www.dropbox.com/sh/vf4eflsm3yeedq7/AACDvwkMI7CdoCPUHe00R5eaa?dl=0>

Web-Link: <https://www.pinion.eu/en/smartshift>

ABOUT PINION

Pinion was founded in 2008 by two former Porsche engineers, Christoph Lermen and Michael Schmitz. Their vision was to build „a bicycle gearshift with the heart of a sports car.“

The fully sealed gearbox combines the best of automotive and bicycle technologies to bring you unrivaled drivetrain performance and reliability. Pinion gearboxes are extremely robust, virtually wear- and adjustment-free, and field-tested in the harshest conditions on earth.

As pioneers in gearbox development, Pinion has received numerous product and design awards for their innovative application of automotive engineering technology in the cycling industry. Every Pinion gearbox is Made in Germany, with development, design, construction, serial production, sales and service taking place at their modern Denkendorf headquarters just outside of Stuttgart.

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