

SRAM
i-MOTION™ conceptbike

The gear hub of the 21st century?

SRAM i-MOTION 9 Carbon – SRAM presents the first ever Carbon-gear hub

Schweinfurt, 13.09.2006, After the successful i-MOTION 9 production kick off, SRAM presents exclusively at IFMA 2006 the future of internal gear hubs in a concept bike: an i-MOTION 9 carbon bike with 18 gears.

The future bike uses the successful i-MOTION 9 hub with brandnew carbon features. This combines highest efficiency with high-tech-design for a luxurious look. Carbon associates minimum weight with maximum stiffness, at the same time it can stand extreme loads. Until now, carbon was rather used in aerospace engineering and formula 1 racing cars. So far carbon hubs have only been available for high-end- roadbikes.

Due to an its own carbon manufacturing facility, SRAM is setting new standards for internal gear hubs.

The target of this 18-speed drivetrain is to offer an alternative to standard sporty external drivetrain systems and to promote sportive trekking bikes.

The concept bike features all known i-MOTION 9 benefits: large transmission, close and even gear steps, shifting while standing and shifting under load.

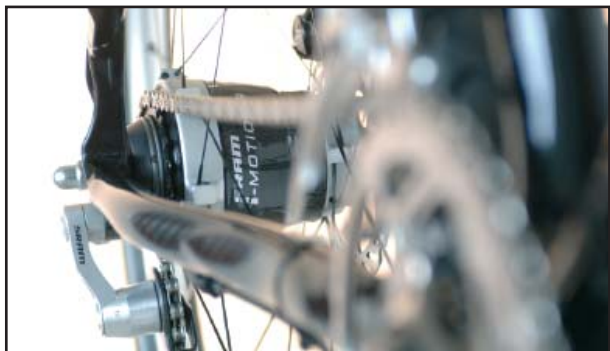
Further equipment:

The SRAM concept bike will be equipped with trigger shifters, guarantying sportive gear changing.

The 18-speed drivetrain is made possible by a double chainring, which is activated by a front derailleur. The rear chain guide with its double pulley mechanism helps to create the necessary chain tension. New Avid Juicy Ultimate hydraulic brakes and their carbon levers will provide the necessary stopping power.



21st century gear hub



Next generation? SRAM i-MOTION 9 Carbon

Gear hub technical data:
Hub: SRAM i-MOTION 9 Carbon
Gears: 9
Transmission range: no information
Weight: extremely light

Find more information and pictures at www.sram-imotion.com

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