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Press release

At this year's EUROBIKE, 3X3 is presenting a gear hub with 250 Nm input torque, made in Germany to Industry 4.0 standard

Adelmannsfelden, July 6, 2022—3X3 premieres the NINE at EUROBIKE. This highly efficient 9-speed gear hub has input torque of 250 Nm and a 554% gear ratio. Thanks to new technical standards, excellent durability, and low-maintenance design, this new hub makes cycling easier than ever before.

The NINE

Our aim is to make biking easier. The NINE is a true powerhouse of a hub that not only can endure an input torque of up to 250 Nm, but can also go many thousands of kilometers with little maintenance. The nine-gear hub also offers reliable, hassle-free performance for electric and conventional bikes with either belt or chain drive.



Gear hubs & bike components

Advantages for cyclists



The NINE gives its users one less thing to worry about. Because the gearshift is safely protected from environmental influences and lubricated with grease, no oil changes are needed, and the hub can handle thousands of kilometers of intense use without leaking. There is no sprocket set, so it is possible to shift gears at any time, even at standstill or under load. And all gears remain calibrated for life.

Hilmar Wanner, one of 3X3's managing directors, says: "E-bikes and cargo bikes are becoming increasingly important for urban mobility. And the requirements for gearshifts are increasing. We have the perfect solution: a low-maintenance gearshift that makes the biking experience better than ever."



The maximum input torque of the NINE is 250 Nm, making it ideal for powerful electric motors. This enables completely new applications, especially in the cargo sector and for urban mobility solutions. Thanks to standardized quick-release skewers and axles, the NINE is compatible with all common frames. In addition, 3X3's in-house metallic 3D printing capabilities ensure a rapid development and implementation of individual solutions for nonstandard requirements.

In addition to short delivery routes within Europe, bike brands can enjoy many other advantages too. For example, the Swabian company operates at Industry 4.0 level, combining a high degree of automation with seamless, database-supported quality monitoring. Even high volumes can thus be delivered quickly and reliably.

The first manufacturer to use the new gear hub is Nicolai Bicycles, who in 2023 will be launching the ARGON GX SLIDE—a gravel bike with an integrated NINE hub.

Performance data

Gears	9
Gear ratio	554%
Gear step	23.76%
Max. input torque	250 Nm
Weight	2 kg
Drive	chain or belt
Brake discs	160, 180, 203 and 220 mm
Spoke flange	32-hole and 36-hole
Frame standards	135 mm quick-release skewer 142 mm quick-release axle 12 mm 148 mm quick-release axle 12 mm
Shift control	rotary shift or e-shift

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Find out more at EUROBIKE from July 13 to 17, 2022, **Stand I21, Hall 8**, where you can also test ride the new NINE.

About 3X3

3X3 is a brand of H+B Hightech GmbH, a highly specialized manufacturing company with a focus on future-proof engineering. The brand's vision is: FREE YOUR BIKE. For 3X3, this means building a gearshift that always works perfectly and requires very little maintenance. Extensive experience in automated manufacturing allows 3X3 to combine solid expertise with new technical standards and reliable delivery. This opens up entirely new opportunities for manufacturers and cyclists alike.

You can find more information at: www.3X3.bike