

Continental, DPD Switzerland and Futuricum Show the Way Forward for E-Mobility in the Transport Sector With a World Record

- **GUINNESS WORLD RECORDS™ title for the longest distance covered by an electric truck without recharging**
- **DPD Futuricum truck with Continental tires completes 1,099 kilometers in 23 hours**

Hanover / Winterthur / Buchs, Germany, August 31, 2021. With a total of 1,099 kilometers, the private express and package service providers DPD Switzerland, the e-truck brand Futuricum and the premium tire manufacturer Continental have secured the GUINNESS WORLD RECORDS™ title for the longest distance covered by an electric truck without a charging stop. For the record, the partners used an e-truck that has already been in operation in delivery traffic for six months, proving that sustainable, energy-efficient and cost-efficient electric mobility in the transportation industry is not a mobility concept of tomorrow, but is already a reality on European roads today.

Record-breaking vehicle with high-capacity battery and efficient tires

This record was set by a Futuricum truck, which has been in use for DPD Switzerland in regional traffic. “For DPD Switzerland, we have converted a Volvo FH to an electric drive. The 19-ton truck now has over 680 hp and, with a capacity of 680 kilowatt hours, the largest truck battery in Europe on board,” explains Adrian Melliger, CEO of Designwerk Products AG, the company behind the Futuricum brand.

In addition, the three partners opted for the Continental EfficientPro tires, which are designed for particularly low rolling resistance. “The upturn in electric mobility has put an even greater focus on the importance of particularly rolling resistance optimized tires,” says Hinnerk Kaiser, Head of Product Development Truck Tires EMEA of Continental. “Our tires enable high mileage and extremely low rolling resistance and thus offers the essential characteristics for the economical operation of electrically powered commercial vehicles. The EfficientPro is a tried-and-tested model that has been developed especially for long-distance transportation and focuses on range and low rolling resistance.”

1,099 kilometers in 23 hours and 392 laps

The partners found the best record conditions near Hanover on the high-speed oval at the Contidrom, Continental's in-house test center. It is a 2.8-kilometer-long, oval test track. In total, two drivers completed 392 laps in shifts of 4.5 hours each at an average speed of 50 km/h (31 mph), which is a realistic average value for everyday use. Initially, the weather conditions were not ideal with 14 degrees (57° F) outside temperature and only around 23 degrees (73° F) ground temperature. In addition, the wind blew at an average of 18 km/h (11 mph) with gusts of up to 40 km/h (25 mph). Nevertheless, after just under 23 hours, the partners were able to declare the GUINNESS WORLD RECORDS™ title of the longest distance covered by an electric truck without a charging stop with 1,099 kilometers driven.

Performance capability officially documented

With this record, the partners have set a joint signal for a future with sustainable drive systems in delivery traffic and demonstrated the suitability of today's technologies for everyday use: "We decided to invest in electric mobility at an early stage. The Futuricum truck has been traveling between the depot in Möhlin near Basel to the distribution center in Buchs/Zurich for about six months now," says Marc Frank, Strategy & Innovation Director at DPD Switzerland. "The e-truck can master the roughly 300 kilometers every day without any problems. We are proud that we have now been able to officially document our performance level."

Info box

Start: 6:37 a.m. CET

End: 5:33 a.m. CET +1 day

Duration: 22 hours and 56 minutes

Record distance reached: 1,099 km (682.9 mi)

Average speed: 50 km/h (31 mph)

Average consumption 58 kWh/100 km (58 kWh/62 mi)

Vehicle curb weight incl. swap body: 15.5 metric tons

Official Guinness World Records™ title: Greatest distance by electric rigid truck, single charge

About Futuricum

Futuricum is a commercial vehicle brand of Designwerk Products AG, which will build up to 200 fully electric vehicles a year in Winterthur in the future. The brand originates from a flagship project that aimed at developing and constructing commercial and ecological 26-metric-ton e-trucks. The company's core competencies enable the electrification of a wide range of vehicle structures and retrofits. Futuricum thus offers custom solutions in the areas of recycling logistics, distribution logistics, intralogistics, construction logistics, agricultural and forest logistics, and other transportation needs.

About DPD (Switzerland) AG

DPD Switzerland is one of Switzerland's leading private express and package service providers and, with 1,100 employees and drivers, processes over 24 million packages a year for both companies and private individuals. In addition to its headquarters in Buchs/Zurich, the company is also represented at eleven other locations in Switzerland and near the border abroad. DPD Switzerland is part of the DPD group. www.dpd.ch

About Continental

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2020, Continental generated sales of €37.7 billion and currently employs around 233,000 people in 58 countries and markets. In 2021, the company celebrates its 150th anniversary.

The **Tires business area** has 24 production and development locations worldwide. Continental is one of the leading tire manufacturers with more than 56,000 employees and posted preliminary sales of €10.2 billion in 2020 in this business area. Continental is a technological leader in the area of tire production and offers a broad product range of cars, commercial and purpose-built vehicles, and two-wheelers. Through continuous investment in research and development, Continental makes a significant contribution towards mobility that is safer, more cost-effective and more ecologically efficient. The portfolio of the Tires business unit includes services for the tire trade and fleet applications as well as digital tire management systems.

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The record drive took place on the high-speed oval of the Contidrom, Continental's in-house test track.

Continental_Futuricum_DPD_1



For the record attempt, the three partners opted for Continental's EfficientPro tires, which are designed for particularly low rolling resistance.

Continental_Futuricum_DPD_2



The Futuricum truck used has already been in use for DPD Switzerland in delivery traffic for half a year.

Continental_Futuricum_DPD_3



Continental_Futuricum_DPD_4

The 19-ton truck has 680 hp and has the largest truck battery in Europe on board.



Continental_Futuricum_DPD_5

The three partners received the official Guinness World Records™ title: Greatest distance by electric rigid truck, single charge.



Continental_Futuricum_DPD_6

After nearly 23 hours, the truck had covered 1,099 kilometers.