



21. September 2022

## "MISSION BEYOND ZERO": KRONE REDUCES CO2 EMISSIONS

### **Sustainability, digitalization, automation, electrification – IAA première for the Krone eTrailer**

At the IAA Transportation 2022 in Hanover, Krone's exhibit follows the slogan: "Mission Beyond Zero". In general, during transport, trailers do not actively consume any fossil fuels nor emit any CO<sub>2</sub>. But Krone is now going one step further with its "Mission Beyond Zero", helping active fuel consumers improve their carbon footprint by using Krone eTrailer technology to take the strain off the tractor unit and thus reduce the semi-trailer's CO<sub>2</sub> emissions.

The sustainable Krone concept is not a vision, but a "mission". That's because the Krone eTrailer is not a dream of the future, but has already been tried and tested in practice. Krone's overall concept of "Mission Beyond Zero" at the IAA Transportation fires the starting shot for a new generation of trailer transport solutions that combine digitalization, automation, sustainability and electrification, to significantly reduce the CO<sub>2</sub> emissions of semitrailers.

Thanks to the Krone eTrailer, diesel consumption and CO<sub>2</sub> emissions of the semitrailer tractor unit are reduced by 20 to 40 percent. A powerful eAxis lies at the heart of the innovative technology. It assists the semitrailer tractor in driving and also recovers braking energy through recuperation. The Krone eTrailer provides enough energy for long distances of over 500 km and can be combined with any conventional tractor unit, so that CO<sub>2</sub> reduction can be implemented directly in the fleet.

Digitalization and automation also contribute to reducing consumption and CO<sub>2</sub> emissions.

In the digitalization megatrend, the "Krone Intelligent Transport Solutions" (KITS) with new technologies take centre stage. One example is the Krone Smart Capacity Management loading space recognition system, which works with artificial intelligence and allows the dispatcher to track occupancy and loading in the trailer in real time.

Krone is breaking new ground in trailer automation with the Box Liner eLTU 50 Automatic: The driver can adjust the container chassis to the respective container, at the mere push of a button from the HGV cab.

In addition to exciting innovations, IAA visitors can look forward to the Krone Denkfabrik, which features something different every hour – start-up pitches, the Tech-Talk and the Politics Talk with prominent participants such as VDA President Hildegard Müller, BGL Board Spokesman Prof. Dirk Engelhardt, DSLV President Axel Plaß or Bernard Krone, Chairman of the Supervisory Board of Krone Holding.

**Visit us at the Krone trade fair stand!**

IAA Transportation 2022 | 20/09/22 – 25/09/22 |

Hanover Fair | Hall 27 | Stand C40 | outdoor area N41, Q41, P43



**If you have any questions, please do not hesitate to contact me.:**

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