

Trochtelfingen, 28.07.2023

## **VÖHRINGER - THE FUTURE DRIVES LIGHT WITH US**

**At the Caravan Salon in Düsseldorf 2023:**

**VÖHRINGER presents the first fully electric prototype motorhome suitable for series production in cooperation with Winnebago Industries.**

**The decisive factor for the e-mobility of tomorrow is weight. On its exhibition stand, VÖHRINGER will present the lightweight materials for a future-proof and sustainable construction from 25th of August to 3rd of September in Düsseldorf.**

It is still in the test phase, but it is already clear that the eRV2 is the most advanced motorhome. Fully electric, emission-free and with an enormous range. Currently, the American motorhome manufacturer Winnebago Industries is conducting practical tests with campers and deciding on the final design.

The aim is to maximise the range of the eRV2 and remain climate-neutral in all areas.

After that, the first all-electric motorhome will go into series production and be delivered to American dealers.

As a cooperation partner, VÖHRINGER is showing the eRV2 at the Caravan Salon Düsseldorf. It is the first presentation of an all-electric motorhome prototype suitable for series production in Europe.

The materials from VÖHRINGER and Genesis used for the eRV2 contribute significantly to the overall weight saving of the vehicle with their ultra-light dead weight. Vöhringer's VunderTech® products from the V.I.T. range are used here. VÖHRINGER's concept of 100% climate-neutral production has a significant influence on the sustainability of the eRV2.

The motorhome is the answer to a growing demand for alternative and contemporary forms of travel. Fully electric and emission-free - how does that work?

In the eRV2, both the drivetrain and the house system are powered by electricity, allowing for a silent and environmentally friendly journey and up to seven days without charging, partly supported by a 900-watt solar panel.

E-vehicles are about 600Kg net heavier than internal combustion vehicles due to the battery. For a comfortable load and a practical range, lightweight solutions have to be rethought. VÖHRINGER accompanies the step into the future with materials and

construction methods. Because for the e-mobility of tomorrow, weight plays the decisive role.

The eRV2 is built on a Ford E-Transit™ chassis, which promises both strong torque and smooth handling. The current generation chassis has a range of 1081 miles - and Winnebago Industries continues to actively seek ways to increase range. The goal is to turn the test results into a commercial, sustainable and carbon-neutral version. Hard to imagine without lightweight components from VÖHRINGER.

Throughout the interior are furniture products from VÖHRINGER and its partner company Genesis. Recycled materials are used almost everywhere, including for the floor covering, the removable floor mats, the WinnSleep® mattress system and the lining of the window frames. The seat covers in the cabin are made of renewable, plant-based materials. The overall design is inspired by modern Japanese principles and creates a clean, calm and multifunctional environment.

The eRV2 is on display at the VÖHRINGER stand. Here, VÖHRINGER brings together innovative materials and sustainable developments for lightweight construction. Climate-neutral into the future with VÖHRINGER lightweight construction elements.

### **The future of lightweight construction: AirPly®.**

AirPly® is the lightweight panel of the future by VÖHRINGER. It is significantly lighter than all boards made purely of wood and still manages to be stable and connection-proof. No compromises have to be made in processing either, such as milling and acquaintance. AirPly® is a panel made of plywood decks and a foam core and is currently the only panel that achieves weight reductions on a large scale. This is the only way to achieve the savings necessary for electromobility.

### **Vöhringer - always one step ahead in environmental protection, too**

VÖHRINGER has been working on reducing its ecological footprint for many years. Since 2021, Vöhringer's production in Germany has been completely climate-neutral.