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**Photo** Foto**:** *G.Popp*

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**The world’s largest material handler SENNEBOGEN 895 E goes into operation in Austria**

**After two years of project implementation, the world's largest material handler, the SENNEBOGEN 895 E-Series Hybrid, has found a new home on the premises of Danubia Speicherei Ges.m.H. in Ennshafen. Following the successful delivery by ASCENDUM Baumaschinen Österreich GmbH, the machine was recently officially handed with blessing.**

In spring 2019, the SENNEBOGEN 895 E Hybrid, currently the world's largest material handler with a total weight of up to 420 t and a reach of up to 40 m, was presented for the first time at the "bauma" trade fair in Munich. For Danubia Speicherei in Ennshafen/Austria, this "green giant" seemed to be the ideal machine, as the storage facility has to handle a handling volume of 950,000 t per year. This is why the decision was made at bauma to bring this machine to Austria.

Despite its gigantic size, the green giant works particularly efficiently, quickly and without emissions, a decisive factor in Danubia's decision to purchase this machine. In particular, the proven "Green Hybrid" energy recovery system makes a contribution here in terms of efficiency and cost reduction, with which up to 55% of energy can be saved. The energy storage system works similar to a compressed spring. The difference is that here gas is compressed in separate compressed gas cylinders and thus energy is stored which is available for the next stroke. The subsequent stroke movement is again comparable to releasing the spring. During this process, the previously generated energy is released again.

*"With the 895 E, we have not only successfully established the world's largest material handler on the market, but with this innovation we are once again setting standards in terms of energy efficiency, performance and customer-specific solutions. We are particularly pleased that this machine is now being used so close to our headquarters in Straubing, just a few miles downstream the Danube,"* said Erich Sennebogen, Managing Director at the official handover in Ennshafen.

The machine in XXL format with its portal undercarriage was individually adapted to the track width at Danubia. Everything on this machine is bigger and has record-breaking data. The transport of the individual parts alone was a logistical masterpiece. It took a total of 18 truckloads, including 7 heavy load trucks, to deliver all the parts. The teams from ASCENDUM, SENNEBOGEN and Danubia Speicherei worked closely together in an excellent manner during the 14-day on-site assembly.

Picture captions:

**Official handover to Danubia Speicherei/Ennshafen:** Georg Dobesberger, Managing Director Danubia Speicherei Ges.m.b.H., Governor Thomas Stelzer, Erich Sennebogen, Managing Director SENNEBOGEN and Dr. Thomas Schmitz, Managing Director ASCENDUM Baumaschinen Österreich GmbH (from left)

**Major customer-specific project**: the SENNEBOGEN 895 E has a rail gantry, a cable feed for the electric drive and the elevating comfort cab and, thanks to Green Hybrid energy recovery, saves up to 55% energy with every lift.