**Date /** Datum**:** Nov-21

**New premium material handler: the 860 E becomes the 865 E. The SENNEBOGEN 865 E Hybrid is more powerful with less consumption.**

**The 860 E material handler, which has had worldwide success in port handling and scrap processing, has been taken by SENNEBOGEN developers and, along with technological innovations, given a major update. The new SENNEBOGEN 865 E Hybrid is faster, stronger and even more efficient. The first machines have already been delivered to customers, who have praised the increase in performance and particularly noticed the financial savings the machine offers.**

The 860 E becomes the 865 E. Not only does this involve a higher load capacity and improved performance for the completely redesigned material handler, but above all a range of efficiency-enhancing measures, gained from the experience of numerous customer deployments, and now tailored to the requirements of port handling.

**What specific benefits does the new machine class provide?**

More power with less consumption: The SENNEBOGEN 865 E Hybrid has a highly efficient diesel engine which is in the stage V emissions category and has an output of 261 kW. In combination with the Green Hybrid energy recovery system, the material handler really saves money. Based on an annual throughput of 4,000 operating hours, for example, up to 40,000 liters of fuel per year can be saved compared to conventional diesel machines – good for the environment and the wallet.

Increased load capacities and greater range:

Depending on customer requirements, the new SENNEBOGEN 865 E can be individually configured to suit local requirements. In particular, the equipment solutions, which have a range of 18 m to 25 m, have been extended to include three additional solutions compared to the previous model. With two particularly weight-optimized port sticks, the new machine now has even more potential, especially when it comes to port handling. The engineers at SENNEBOGEN were also able to increase the load capacities by around 10 percent for the other equipment solutions. This means that the machine not only lifts more, but can handle even more bulk and general cargo in each work cycle using a variety of equipment options.

More convenience and maximum safety:

In addition to the tried-and-tested equipment features, the spacious Maxcab offers operators even more options for making every day work particularly comfortable and safe. As standard, the 865 E has a cab that can be elevated up to 2.70 m, with the option of additional large-capacity cabs and elevations up to an eye level of around 14 m. The operator is supported by a comprehensive camera system and intelligent control systems such as the modern Safety Boom Lift. This grab automation system protects the hull, port surfaces and equipment by automatically lifting the grab when the attachment is closed.

With this new premium model, SENNEBOGEN, as a full-liner in demanding material handling, is adding a real highlight for port handling to its product range. At the same time, the world market leader in the field of electric machines also impresses with another attractive option for this model. As with all material handlers, the new SENNEBOGEN 865 E Hybrid is available ex works as an electric material handler with a 250 kW engine. Manageable technology meets environmentally-friendly electrotechnology, offering even greater savings potential along with emission-free operation.

*Caption:*

*With the new 865 E Hybrid, SENNEBOGEN is presenting a premium model for port handling. Modern engine technology in combination with Green Hybrid energy recovery promises lower consumption with increased output.*