

Hess Group, 57299 Burbach-Wahlbach, Germany

Basamentsteine Böcke GmbH installs new concrete block and paver machine in the Troisdorf plant

Basamentsteine Böcke GmbH is a traditional family-owned company that can look back on over 100 years of history. The company was founded in 1920 and is now successfully managed by Dr. Thomas Böcke in the 4th generation. Basamentsteine Böcke GmbH celebrated its 100th-anniversary foundation in March 2020 in Oberhausen, where its headquarters are located. There are further production sites in Herdecke and Troisdorf near Cologne. With its extensive product range, Basamentsteine Böcke GmbH is one of the region's leading manufacturers of concrete products for garden and landscape construction. For Dr. Thomas Böcke, quality, innovation, and investments are essential guidelines for his company.

The decision to upgrade the plant in Troisdorf to the latest state-of-the-art followed these principles. A new production machine with state-of-the-art technology needed to be integrated into the existing production plant. The control and safety technology of the entire circulation system was required to be brought up to the latest standards.

After inspecting several plants, Dr. Thomas Böcke chose the high-performance RH 2000-4 MVA from Hess Group. The high-precision and repeatable production – thanks to a high-performance control system and the highly robust construction of the machine – were decisive criteria in the selection.

Due to time constraints, the reconstruction was divided into two construction phases: The reconstruction of the wet side, including new control and safety technology, was planned for winter 2021/22. Then, in the winter of 2022/23, the second phase is to replace the plant and safety controls for the rest of the circulation plant.

As planned, the old machine was dismantled in January 2022, and the new machine was moved to the existing foundation and fixed in place. Extensive preparations were necessary, such as dismantling the conveyor line on the wet side, partially dismantling the sound insulating cabin and opening the control cabinet room, or dismantling the old and installing the new control cabinets. All work was planned in intensive cooperation between the companies Böcke and Hess and then successfully implemented.

In mid-January, the 46-tonne and extremely robust RH 2000-4 MVA was delivered in three parts, successively positioned on the foundations, aligned, and then professionally welded together. The control cabinets were moved into the existing control cabinet room on the 2nd level, and the hydraulic unit was positioned next to the sound insulating cabin. The control and sound insulating cabins were then reassembled, and the V-belt conveyor was installed on the wet side, including new safety technology.



With its large product range, Basamentsteine Böcke GmbH is one of the region's leading manufacturers of concrete products for garden and landscape construction and underground and road construction.



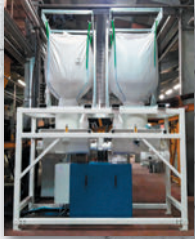
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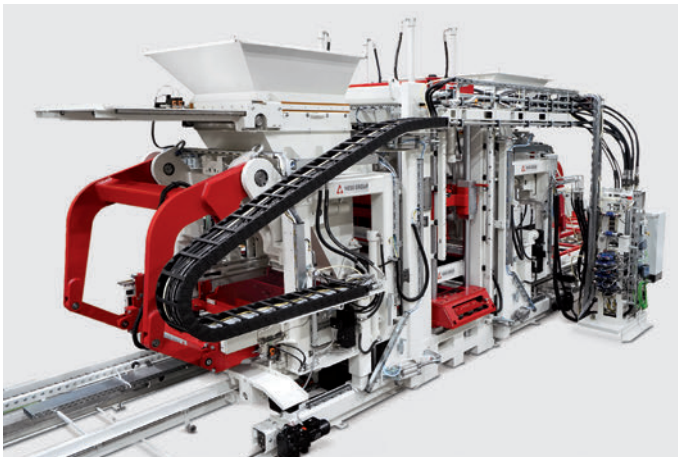


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The new RH 2000-4 MVA block making machine

A new control system for the existing finger car was installed alongside the complete wet side control system as part of the first reconstruction phase.

Dr. Thomas Böcke is very satisfied with the new RH 2000-4 MVA: "Due to the high-performance control, the machine still produces with an amazing smoothness and precision even at fast cycle times, which is also reflected in the high-grade product quality."

Overall, the demanding project was implemented as planned and the production site in Troisdorf is now ideally set up for the future with high performance and quality. ■



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New safety technology on the wet side



Start of production with the RH 2000-4 MVA block making machine