

Bibko Umwelt- und Reinigungstechnik GmbH, 71717 Beilstein, Germany

Space-saving residual concrete wash-out system

Erich Tönnissen GmbH is a medium-sized construction company with headquarters in Cleves on the lower Rhine and a fifty-year history. The Tönnissen company focuses on building construction, civil engineering, turnkey construction and the precast reinforced concrete plant. The company has been managed by the Tönnissen family since its founding. At the end of 2017, the Tönnissen firm made the decision to purchase a modern, high performance and environmentally friendly Bibko ComTec 4 residual concrete wash-out system.

The ComTec 4 is one of the latest developments from the Bibko company and was primarily conceived for precast concrete element and ready-mix concrete plants. The installation saves space due to the compact design and offers plants with limited quantities of residual concrete the opportunity to recycle efficiently.

The system is equipped with an external bucket elevator as standard, which allows controlled dosing of residual concrete accrued at floor level and washing water into the washing chamber, preventing overflowing of the system. The bucket elevator can be equipped with various sizes of galvanised charging hoppers or they can be designed in concrete by the customer.

In contrast to the higher performance ComTec 10 - 40 m³ washout systems, the ComTec 4 is equipped with an oscillating conveyor channel (incl. dewatering screen). This vibrating screen was equipped with a special, highly wear-resistant screen lining which carries the washed out material while dewatering it.

All of the accrued residual water is fed into the concrete mixing process. An above ground steel mixer tank with an integrated, energy-efficient high-performance agitator and highly wear-resistant submersible pumps was supplied by the Bibko company for this purpose. ■

FURTHER INFORMATION



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