

Bibko Umwelt- und Reinigungstechnik GmbH, 71717 Beilstein, Germany

Klebl invests in recycling technology

Klebl GmbH is a medium-sized, family-run construction company with headquarters in Neumarkt i. d. Oberpfalz, Bavaria. The core business areas of Klebl are construction and structural prefabricated elements. Founded in 1890, the company is now represented in Germany by 6 precast plants. At the beginning of 2019, Klebl decided to invest in a modern, efficient and environmentally friendly Bibko ComTec 4 residual concrete recycling system for its Rinteln plant.

The ComTec4 has a leaching capacity of approx. 4 m³/h and was designed mainly for precast concrete plants and smaller 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 conveyor 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 conveyor can be equipped with a variable size galvanized charging hopper. At Klebl, the hopper was made of concrete by the customer.

The material discharge of the ComTec 4 is equipped with a vibrating chute (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.

For this purpose, the Rinteln plant has an above-ground water basin equipped with a Bibko level measurement system to regulate the water level in the basin fully automatically and without contact. The residual water produced is conveyed from the washing machine via a pump sump to the water basin and from there it is completely returned to the concrete mixing process. ■

FURTHER INFORMATION



Bibko Umwelt- und Reinigungstechnik GmbH
 Steinbeisstraße 1+2
 71717 Beilstein, Germany
 T +49 7062 92640
 F +49 7062 926440
info@bibko.com
www.bibko.com



The ComTec4 has a leaching capacity of approx. 4 m³/h and was designed mainly for precast concrete plants and smaller ready-mix concrete plants.