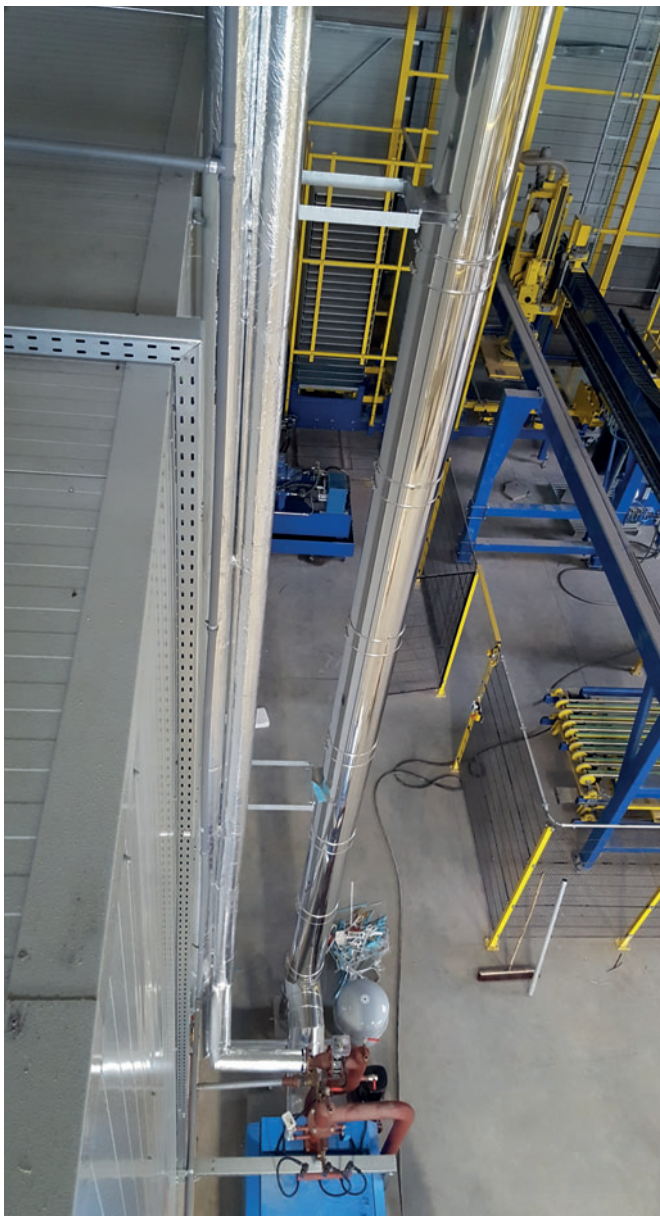


CureTec Energietechnik GmbH & Co. KG, 49757 Vrees, Germany

# Self-learning curing system developed

**CureTec Energietechnik GmbH & Co. KG from Vrees, Germany, has been building curing systems for the concrete industry since 2010. Ever since, the company has installed more than 400 systems throughout the world for the most differing kinds of concrete products. CureTec places much importance on advancing their systems' development to guarantee customer satisfaction by obtaining superb results for their products.**

The latest development from CureTec is an advanced development of the tried and tested AllCure System, which is now self-learning. With the traditional AllCure System, the temperature and moisture in the curing chamber were able to be regulated independently from one another. The AllCure 2.0 System recognises any deviations in curing parameters entirely automatically.



*The new AllCure 2.0 System installed at Kann Baustoffwerke in Urmitz*



*The system recognises any heat developments in the rack and compensates for them*

Big-room chambers can be fitted out with this clever control system. The system recognises any heat developments in the rack and compensates for these by means of relevant ventilation profiles, heat output regulation and moisture addition. This means that, e.g., thick kerbstones can be placed in a neighbouring rack to thin terrace slabs without endangering the quality of either. As soon as the system has compensated for all differences, it switches itself into an energy saving mode to maintain operating costs at a minimum.

This technology can also be utilised in single chambers. In this case, compensation is made in longitudinal direction for any temperature differences. It is made possible by fans controlled by frequency converters and strategically located air intake flaps. These measures almost completely obviate the need for any manual adjustments to the system.

The first of these systems was successfully installed and commenced operations last year at Kann Baustoffwerke in Urmitz, Germany.



*The entire system, including rack system, insulation and roller doors, was supplied and assembled by CureTec*

CureTec supplies concrete curing systems for the concrete industry's entire range of products. The company also supplies racks, chamber insulation, doors, air circulation systems, aggregate heating units and water heating devices for mixing water. ■

FURTHER INFORMATION

