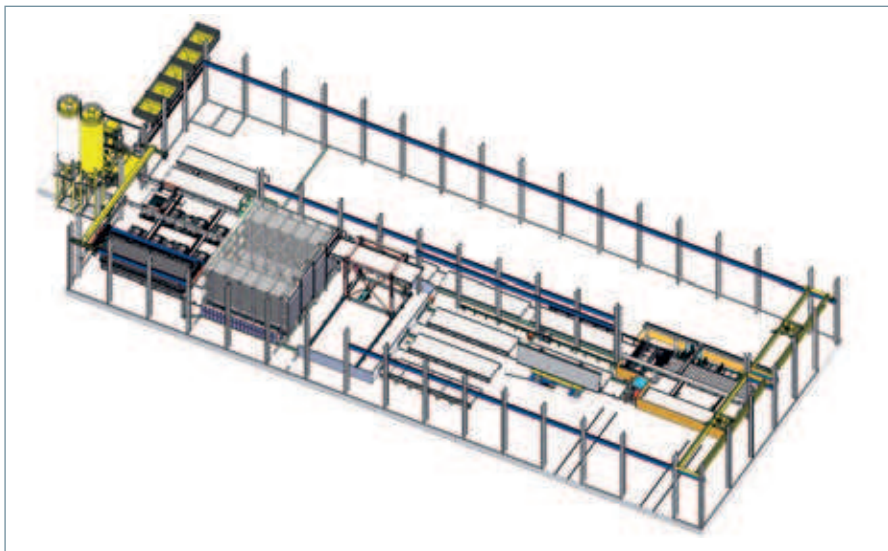


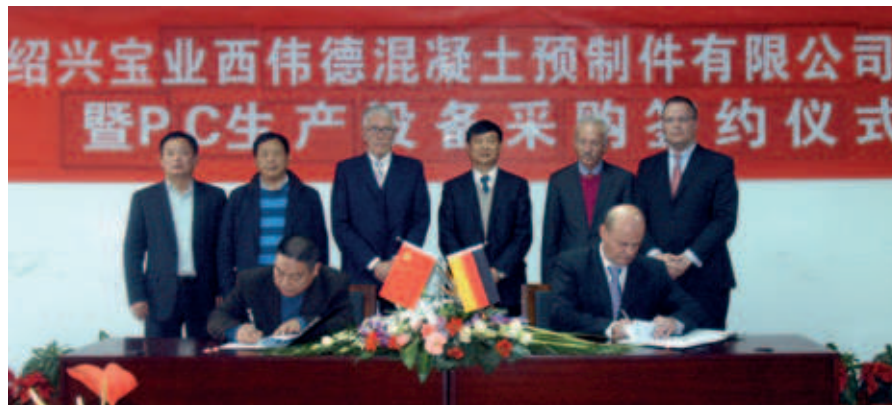
Avermann Maschinenfabrik GmbH & Co. KG, 49078 Osnabrück, Germany

## Fully automatic pallet circulation plant in China

The German company Avermann is supplying a fully automatic pallet circulation plant for the production of floor elements and double walls to the German/Chinese joint venture Baoye-Sievert in Shaoxing in the province of Zhejiang. The plant is designed for a production capacity of 300,000 m<sup>2</sup> floor slabs and 100,000 m<sup>2</sup> double walls per year. It is planned to expand the production to up to 200,000 m<sup>2</sup> double walls per year at a later date. The contracts have been signed and the plant will go into operation in August 2013.



Layout of the pallet circulation plant



Mr. Xie (Baoye Shaoxing) and Mr. Pflieger (Avermann) at the signing of the contract on 8 December 2012. In the background are, from the left: Mr. Wang (Baoye Shaoxing), Mr. Gao (Baoye Hefei), Prof. Sievert (Sievert AG), Mr. Pang (Baoye), Mr. Schulze and Mr. Egert (both Sievert AG)

Residential and industrial construction in China is characterised by a complex, earthquake-proof construction method, preferably executed with a framed construction with columns and beams made of steel reinforced concrete and bricked-up infills. Traditionally the structures are cast in situ directly on the building site and realised using a very large number of personnel. In the last two years, however, the industrialisation of the construction industry in China has attained increasing importance.

On the one hand, the number of the cheap workers in the building industry (so-called 'migratory workers') has fallen dramatically and, on the other, quality requirements have increased. Accordingly, the use of precast elements is being promoted by the state.

One of the pioneers of precast construction in China is the German company Sievert AG with its 100 % subsidiary, BV Bauelemente Verwaltungsgesellschaft. Together

with the Chinese Haiheng Group, a joint venture for the manufacture of precast concrete parts based in Hefei in the province of Anhui was established as far back as 2008. Later on the Shaoxing-based Baoye Group also took a share in this joint venture. At that time the equipment for these production lines was also supplied by Avermann Maschinenfabrik.

It is estimated that the demand for high-quality precast concrete elements will be very high in the coming years. Justice was thus done to the joint market strategy by the building of a new production facility in Shaoxing. Baoye, a building company with over 70,000 employees, and Sievert AG with its know-how form an ideal partnership for this.

Further additional plants in other locations are already at the planning stage. ■

### FURTHER INFORMATION



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