

The Thomas Group, a traditional family business, convinces with its many years of experience and competence in the construction industry. In the three business areas – concrete precast elements, concrete and cement – it offers a wide range of products and a wide range of services.

With a total of around 80 plants, including 28 precast plants in Germany, Poland and Denmark, the company relies on state-of-the-art technologies to make production processes efficient and future-oriented. Concrete pumps from Putzmeister have been successfully used in the Georgensgmünd, Remscheid and Wechmar plants for many years. At the Georgensgmünd plant, a comprehensive overhaul of the equipment was now on the agenda.

The initial situation

At the plant in Georgensgmünd, which specialises in the production of filigree ceilings, it was not possible to implement a bucket conveyor system due to static conditions.

In the past, the customer had implemented a pump solution together with a plant engineering company that included a BSA 1005 E. This pump has been in use since 2019. It proved itself quickly and ran reliably. But over time, the system reached its limits and the pump was now running at maximum power for the most part, which led to increased wear. An extension became necessary.

A powerful solution

In order to increase production efficiency and reduce running costs, the Thomas Group contacted Putzmeister directly. After comprehensive consultation, the Thomas Group decided to purchase a larger BSA 1408 E with an hopper extension adapted to the conditions.

Efficient pump technology in the Thomas Group's precast plant at the Georgensgmünd plant



BSA 1408 E with top hopper and skid system

The pump is no longer running at its performance limit, although it repeatedly has to convey approx. 1.5 – 2 m³ of concrete into the concrete distributor during the short time of pallet change in the carousel system, which then distributes the concrete on the formwork pallets.

Thanks to the new plant, these capacities can now be managed without disruption and with less wear and less maintenance.

Particularities

The hopper is equipped with two agitators. This prevents segregation when filling directly from the batching plant and during pumping breaks.

The chute with swivel device, which fills the hopper, can be swivelled to the side. It is therefore possible to charge the BSA concrete pump in the precast plant as well as mobile truck mixers and forklifts or buckets without any problems.

The BSA 1408 E concrete pump is installed on a skid frame with rollers. The specially designed rail system enables good accessibility during cleaning and service/maintenance.

Why Putzmeister convinces

Market leadership and expertise

Putzmeister convinces with a well thought-out, reliable and proven concept.

Quality and safety

Guaranteed and reliable supply of spare parts, which minimizes downtime.

Easy handling and cleaning

The new pump solution with hopper extension is characterized by easy handling and cleaning, which makes operation much easier.



Putzmeister 3,200 l hopper extension with quick-release fastener for decoupling from the concrete pump. With newly added recycling tray below the pump for faster cleaning of pump and hopper.

A future-proof concept

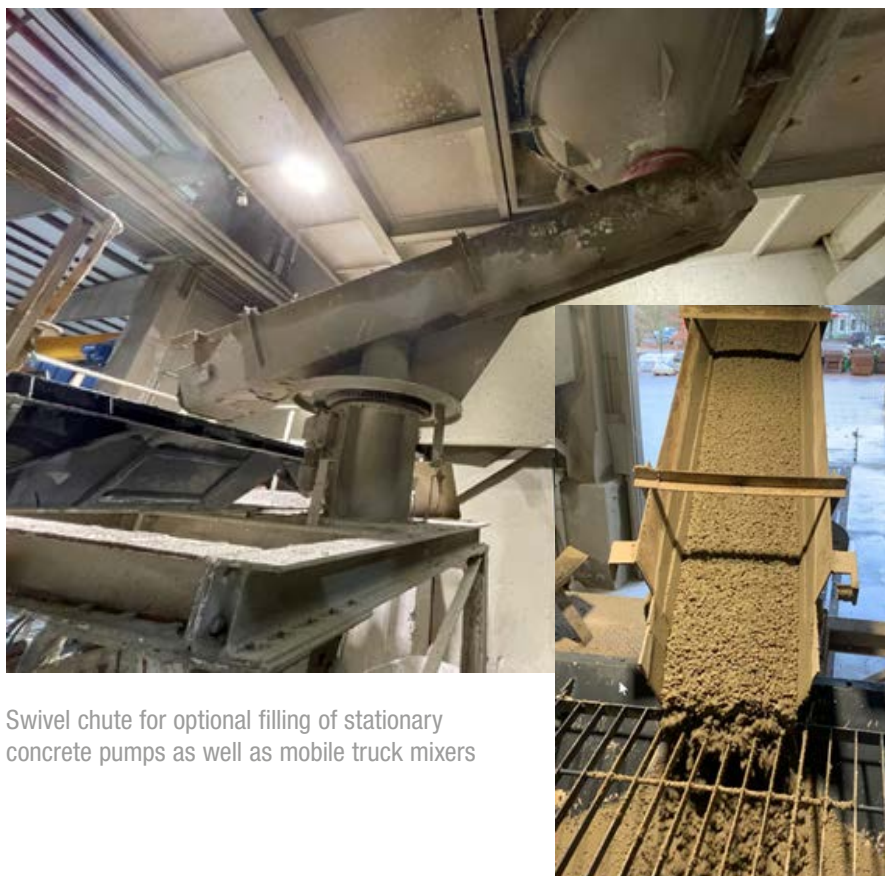
The investment in modern pump technology shows how well thought-out solutions can increase efficiency and reliability in production.

The tailor-made solution underlines the innovative strength and quality standards of the Thomas Group in its production plants.

Machinery:

1 x stationary pump BSA 1408 E

1 x hopper extension 3200 l



Swivel chute for optional filling of stationary concrete pumps as well as mobile truck mixers



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