

SAR

ANLAGENBAU GmbH

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GLOBAL GLASS BEADS
TECHNOLOGY CENTER



PROJEKT AUT-20-8004 - Greenfield automation SWARCO

New build of a glass beads production



New build glass beads production

Details:

- Construction of a complete office building
- Construction of a new production site



Services:

- Process control system Camera system
- Granulate system
- Cooling system
- Furnace USR
- Furnace DSR
- Batch plant
- Tub
- Mixing plant
- Furnace charging
- Furnace removal
- Tub removal
- Silo loading

Project description

At its site in Amstetten, M. Swarovski GmbH produces glass beads in various sizes, which are used in road marking and safety technology applications. Due to increasing demand, the production capacity of the existing plant is no longer sufficient. As a result, a new production facility was constructed at a new location in the Amstetten area.

The new glass bead plant has an annual capacity of 35,000 tons of glass beads, with provisions already made for a future expansion to 50,000 tons per year.

The production process involves manufacturing glass granulate from soda-lime glass cullet using crushers and screening systems. The granulate is then rounded into glass beads in horizontal shaft furnaces fired with natural gas. The resulting beads are screened into different fractions, processed into the final product in a mixing unit, and then packaged.

In addition to the shaft furnaces, glass beads are also produced using melting tanks and batch material. These beads are also screened, further processed in the mixing plant, and packaged accordingly.



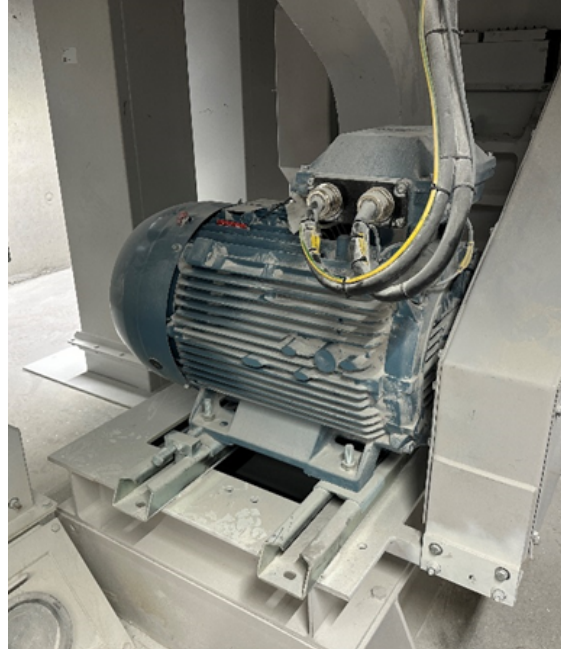
Project manager Johannes Üblacker about the project Greenfield automation SWARCO

It was a great pleasure and a true honor to earn the trust of SWARCO and to realize this demanding project in close collaboration with them. From the very first contact to the final implementation, the entire process of bringing this plant to life was an incredibly rewarding and exciting experience for us.

Thanks to the outstanding cooperation and exceptional dedication of the entire SAR ANLAGENBAU GmbH team, we were able to complete this project successfully—exceeding the client's expectations rather than just meeting them. We are proud to have delivered a result that not only convinced the customer of our capabilities but also proved to be fully satisfying in every respect.



Impressions







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