



PRESS RELEASE

June 2017

POWTECH 2017: Perfect mixing processes for glass and ceramic manufacture

From 26 to 28 September 2017, the POWTECH trade fair will once again draw experts in powdered and bulk goods from around the world to the Exhibition Centre Nuremberg. Some 900 exhibitors, about 30 percent of them from abroad, will have their innovations and developments on display. At POWTECH, users from the glass and ceramic industry will find solutions for their entire process chain, from grinding, measuring out and agglomerating to in-service process and quality control. They will gain access to the equipment they need to respond to new demands, e.g. for mixing systems, and to develop innovative products. In addition to the trade fair, spread over six exhibition halls, there will also be an extensive supporting programme relating to bulk goods technology.

Mixing is an essential basic procedure in batch processing in the ceramics industry. The demands on the various mixing systems are as varied as the range of potential applications, e.g. high-tech ceramics, optoceramics, bioceramics, glass ceramics or electroceramics. There is a similar range of demands covering activities in the glass industry, with special preparation procedures for plate glass, glass for containers, tableware and special purposes, or for mineral fibre manufacture.

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Wide-ranging solutions at POWTECH

Stefan Ruberg, CEO of Amixon GmbH, based in Paderborn, has precisely defined solutions for these varied requirements: “For battery manufacture, for example, it’s essential that the preparation units have no metallic surfaces, to avoid any possible contamination with metal particles. One of the key demands in the preparation of ceramic dyes is ‘clean and accurate batches’. For vacuum mixer drying and final mixing, you need to avoid any possibility of product carry-over.”

Rapid mixing and emptying

At POWTECH 2017, Amixon will display a new, patented mixing system known as KoneSlid. Ruberg comments on the process advantages this system offers: “With this new mixing process, mixing is both fast and careful. Any loose elements are also removed with no residues and with no need for demixing.”

Hub for sharing knowledge

At POWTECH, trade visitors get to experience technologies covering the entire ceramic and glass manufacturing process chain: along with Amixon, over 260 companies with a focus on glass and ceramic manufacture will be exhibiting in Nuremberg. Visitors should also make a point of taking in the supporting programme at POWTECH: the Expert Forum on bulk goods technology will include presentations on processing, handling and analysis of powders and bulk goods throughout the entire duration of the trade fair. A special show by VDMA will deal with the industry topic of maintaining air quality and drying, and will present efficient solutions for keeping production as free from dust as possible. Please visit www.powtech.de/en for a current list of exhibitors and additional information on the event.

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