



# Silo Systems – Economical Storage of Products



Silo systems ensure a flawless product flow, especially for partially or fully automated production processes.

endeco GmbH has many years of experience in implementing silo systems. We develop and build systems for the food-stuff, plastics, and chemical industries. We offer optimally designed systems suitable for your products and your spatial conditions. Air-conditioning of the carrier air and the air in the silo are as much a matter of course in the design as taking into account the storage and flow properties of your products.

## **Individually designed, professionally implemented**

- Individually designed and implemented, tailored to your product and the spatial conditions
- As-needed design, e.g., including air-conditioning of the carrier air and the air in the silo
- Accurate consideration of the storage and flow properties of your products
- Extensive product database for bulk materials (incl. flowability, product/product and product/wall friction angle etc.), scientific examination of unknown products, if necessary



**100% quality  
in any size.**



## Product- and process-oriented silo systems for your tasks

### Store even demanding goods cost-effectively

- Core flow, bridging, or shaft formation are effectively prevented
- "First in – first out" is ensured
- The storage and flow behavior of your products determines what discharge aids are selected – systems like vibratory discharge or aeration floors, agitators, screw discharge and ventilation systems can be used
- Fill level detection by means of load cells, radar sensors, echosounder, filling level indicator, etc. is optionally available

### Tailored to your needs – designs and options:

- Designed according to ATEX requirements in zone 20/21/22
- Material S235 JR or stainless steels 304 or 316L
- Compliant with GMP, FDA, and EU 1935
- Surfaces from mill finish to ground and polished
- CIP and SIP systems can be integrated
- Explosion-proof design
- Manual or fully automated processes
- Optimized filtering for dedusting

Get in touch with us – we would be glad to advise you.

