



SILOS AND HOPPERS

Engineering, Manufacturing and Erection.

Version 01 | 2023



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An overview about our products and services.

2 ENGINEERING

The art of designing and building storage solutions may be a hidden profession, but it is the foundation of security and self-sufficiency.

3 MANUFACTURING

Watch how our silos get manufactured.

4 ERECTION

We won't leave until the job is done.

SILOS AND HOPPERS

We help our customers by providing the following services:

- Engineering
- Structural steelworks
- Silo- and tank construction (in round and square shape)
- Material feeding hoppers
- Pressure tanks according to AD 2000 standard up to 10bar (building material silos)
- Crude and pure gas piping (Ø400 mm to Ø3.000 mm)
- Erection and supervision of erection

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“Silos may be simple structures, but they are the foundation of progress and efficiency in construction and manufacturing, preserving and protecting the resources that drive our economy.”



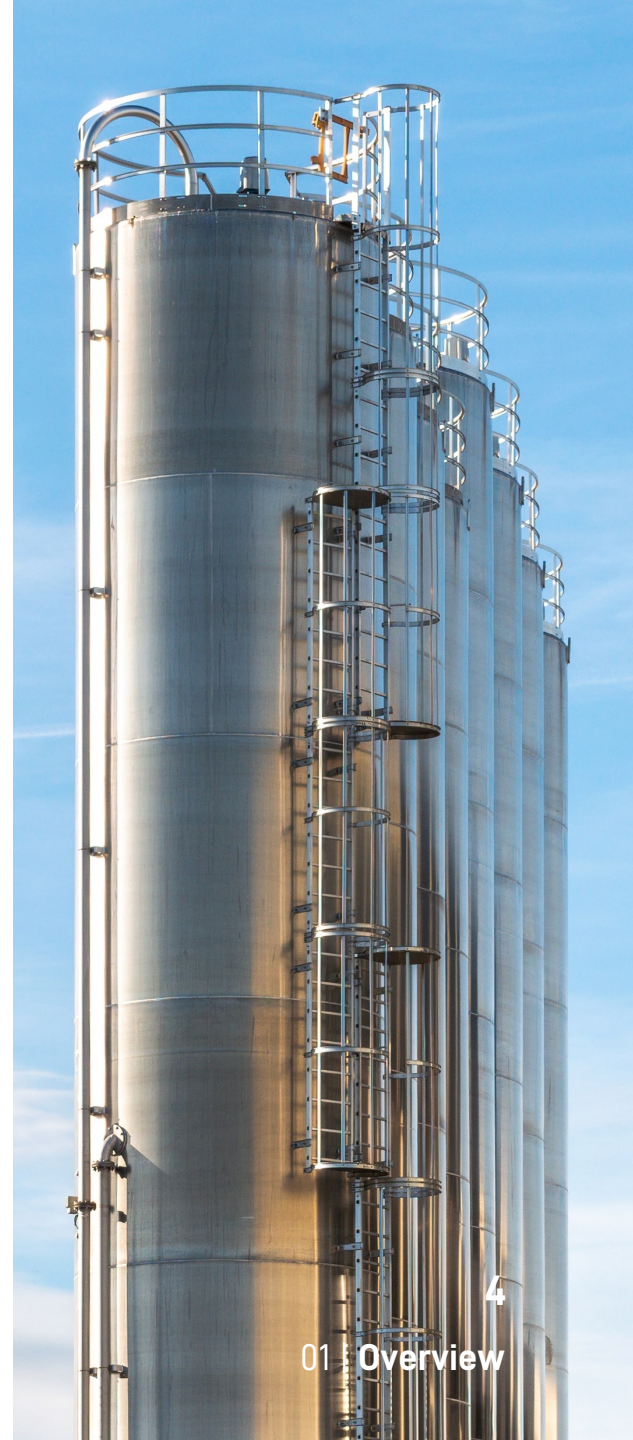
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The steel silos are primarily storage silos with the associated components such as:

- Silo roof edge railings
- Access ladder with back protection cage
- Add-on platforms of existing plants for access to the silo roof
- Injection line with pinch valve for truck filling

The silos can also be equipped with the necessary silo accessories according to the customer's requirements such as:

- Full detector
- Empty detector
- Valves
- Filters
- Electromechanical pressure detector
- Gate valves / Rotary valves / Discharge screws / Vibrobottoms



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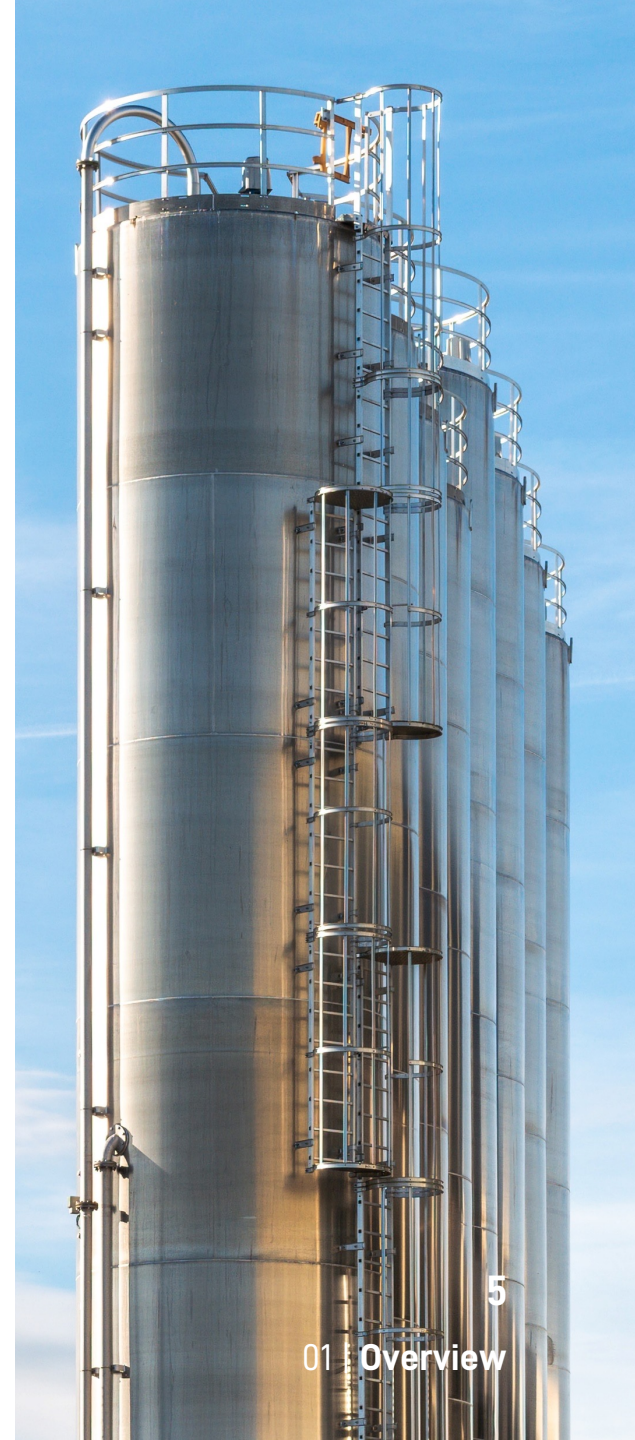
The support structure can be designed in form of steel construction supports / stand frames or with console supports, which can also be equipped with load cells for weight determination.

Our silos can be used in a wide range of industries:

- Steel industry (coal dust, lime, fly ash, etc.)
- Glas industry (storage, dosage and mixing)
- Stone and Earth (gravel, rock, sand, etc.)
- Wood industry (pellets, etc.)
- Concrete, mortar, lime and gypsum
- Fertilizers and grains

Our silos can be manufactured in a wide range of dimensions:

- Up to 200 m³: single piece, welded design
- Above 200 m³: multiple piece, bolted and welded design (bolted and assembled on-site)



The background is a grayscale image of an engineering workspace. It features several technical drawings on paper, some showing cross-sections of mechanical parts. Scattered around the drawings are various mechanical components, including what appears to be a bearing, a gear, and some smaller fasteners. In the lower right, there is a drafting compass and a pencil. The entire scene is overlaid with a semi-transparent dark gray layer.

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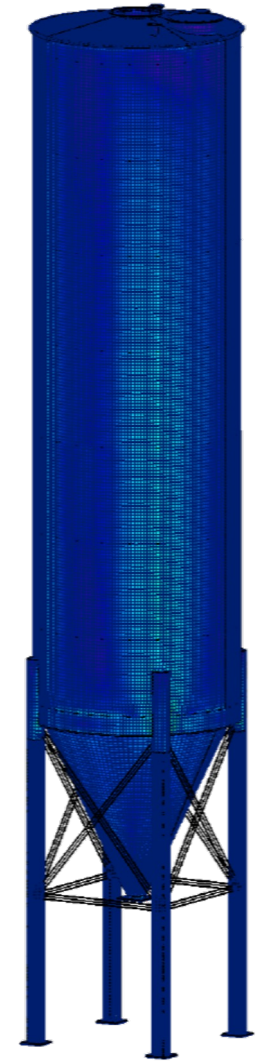
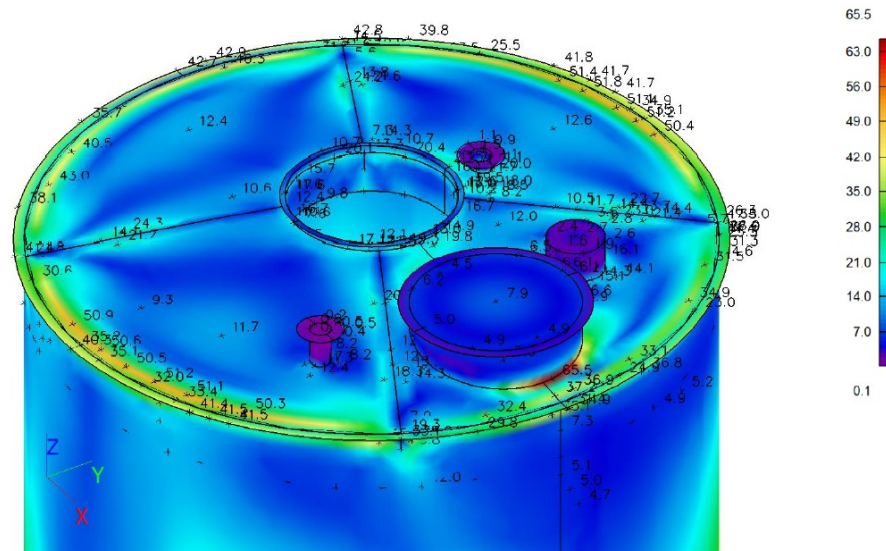
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engineering

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Our qualified engineers carry out all necessary technical and engineering work such as:

- Creation of verifiable structural analyses
- Creation of 3D models
- Creation of manufacturing and assembly drawings with parts lists





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manufacturing

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Building on trust and experience.

Together with our long-term manufacturing partners, we produce the plant components according to customer requirements and offer the following services:

- Manufacturing according to EN1090-2
- Provided with the necessary corrosion protection
- Highest quality assurance and control standards
- Delivery to the respective construction site.



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erection



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We're not leaving until the job is done.

We can look back on extensive product and process knowledge, as our employees are constantly active on a wide variety of construction sites worldwide, carrying out erections or assemblies of components and systems.

Depending on the customers' requirements, we can offer:

- Erection
- Site management
- Supervision of erection



challenge us

For inquiries and questions, reach out to:

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