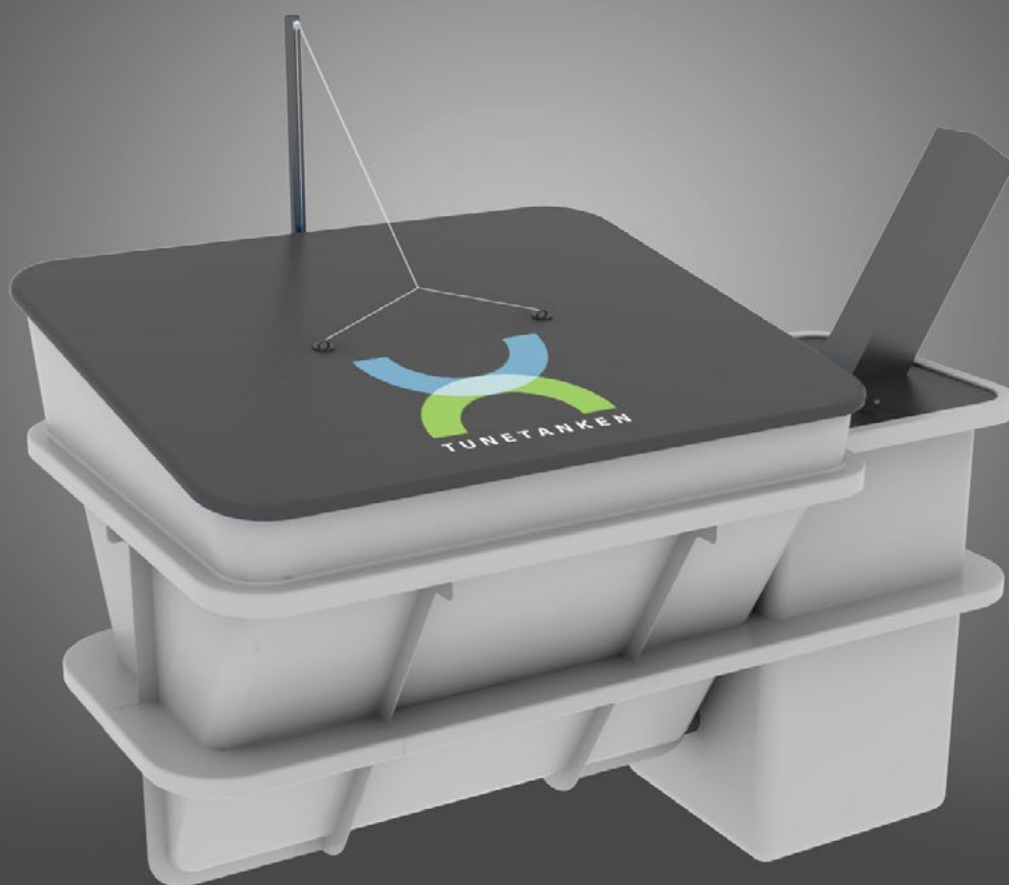




AGRO



Grain Pits

For efficient delivery of grain and other feeds



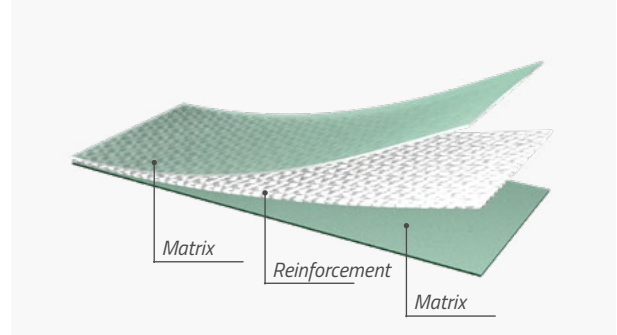
Grain pits in fiber-reinforced composite

Tunetanken grain pits are practical, efficient and hygienic solutions for unloading and further transportation of grain, feed, etc. Grain pits are established at level with terrain or in connection with a ramp for easy access and unloading of, for example, a grain wagon.

Grain pits can be established both inside and outside. They are prefabricated and can be supplied with or without elevator building and lid. A Tunetanken grain pit is completely dense and the unique sandwich construction/construction material minimizes condensation.

The Tunetanken grain pit is of the highest quality and is developed in order to ensure the best conditions for fast and efficient emptying and flow of grain/media. They oblique and very smooth insides have a 50° slope and rounded edges.

The grain pit is constructed with a screw conveyor with a specially designed distributor plate, which ensures an optimal flow of grain to the conveyor.



Unique sandwich construction provides a strong and durable solution.

The Tunetanken grain pit is made of fiber-reinforced composite, a strong material that, together with a unique design and large expertise, ensures stable and well-functioning operating conditions as well as optimal conditions for service.

The Tunetank grain pit is well thought out with regard to establishment – operation – maintenance – service life – environment.

Advantages and equipment

1. Grain pit

Large volume, as standard 24 m³. 50° smooth surfaces for efficient emptying and flow of grain. The grid has low weight for easy lift by inspection.

2. Composite grate

Removable solid driveable grate that can handle up to 10 tonnes. The grid has low weight for easy lift by inspection.

3. Screw conveyor

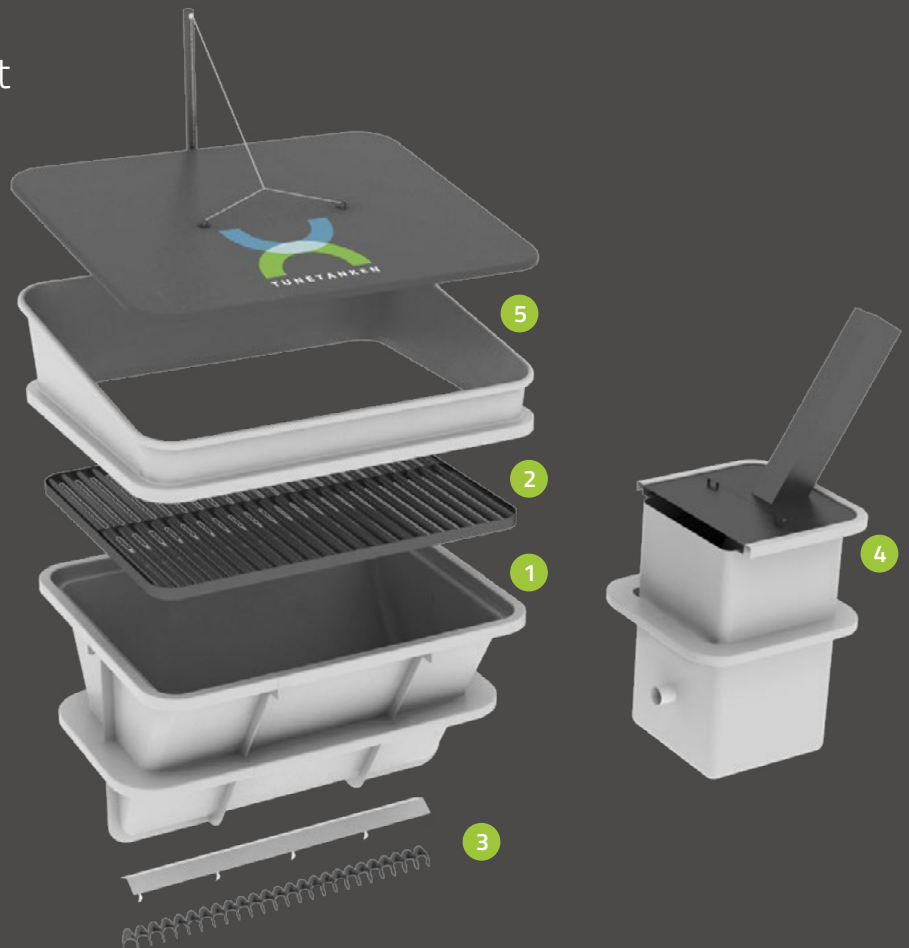
The screw conveyor with a distribution plate provides optimal flow of the grain.

4. Elevator shaft

Can be adapted to your own transport system. Ensures a dry transport to the screw conveyor.

5. Lid and frame can be purchased

The lid ensures cover when pit is not used and when the location is outdoors.





Advantages of grain pits from Tunetanken

- > Made of fiber reinforced composite material.
- > Corrosion resistant and chemically resistant.
- > Low weight ensures quick and easy installation.
- > Internal surfaces are smooth and without profiling for optimal emptying.
- > Insulating and minimal condensation.
- > Driveable grate grate for up to 10 tonnes axle load.
- > Easy inspection and cleaning option.
- > Temperature resistance $-/+ 100^{\circ} / 90^{\circ}$ C.
- > Available in different colors.

6. Large surface

The grain pit/grate has a large surface, which streamlines the workflow by grain delivery.

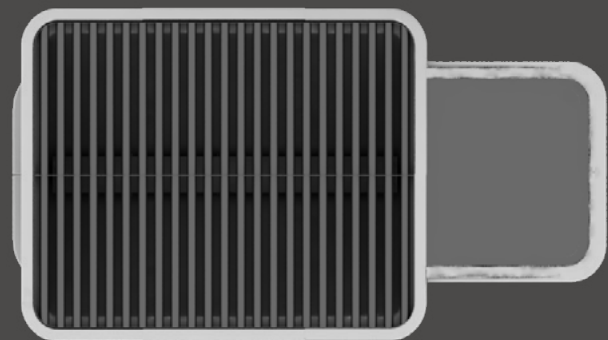
The grate is driveable up to 10 tonnes.

7. Large volume

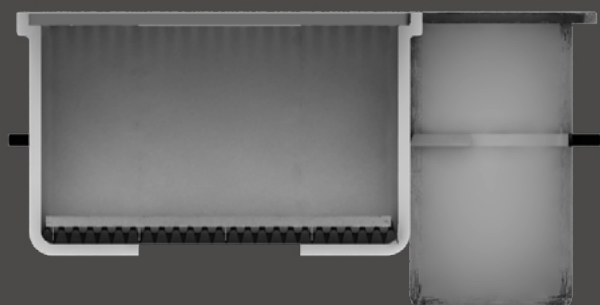
As can be seen from the cross-section of the grain pit, the screw conveyor is well protected under a plate, which also ensures an optimal grain flow.

The elevator shaft is with a large volume and with plenty of space for the screw conveyor.

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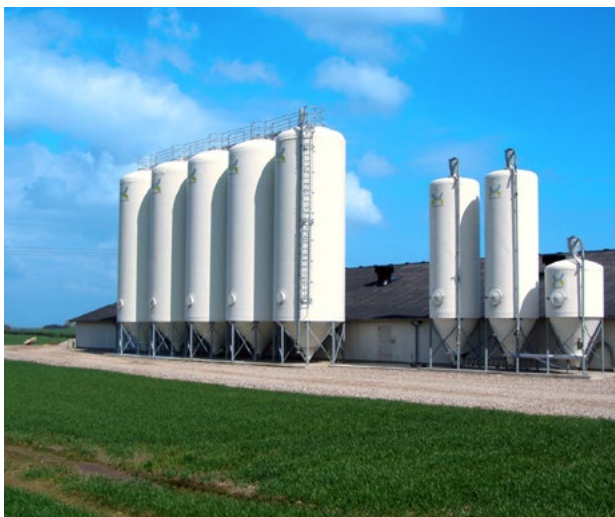




Tunetanken

With more than 50 years of experience working with fiber-reinforced composite materials, their unique advantages and a large standard product programme we have developed our market position as the leading Danish manufacturer of storage tanks, industry systems and silos in composite materials.

Tunetanken markets a large and varied programme of products and facilities for various purposes as well as supplies a large range of industries including agriculture, industry, wastewater and water treatment for energy sector. We produce all our solutions in fiber-reinforced composite materials – the same materials that are used in the manufacturing of space shuttles, air planes and wind mills. With benefits as strength, corrosion resistance and long life cycle, composites are among the popular materials of the future.



Agro

Tunetanken offers a broad programme of products, facilities and systems for agriculture. We produce silos, tanks, airtight silos, grain handling systems, hay and grain drying systems, carcass covers, slurry systems, shelters, buildings, irrigation systems, barn inventory et al.

Most of our products are made with the incorporation of fiber-reinforced composite materials, which with their unique properties are extremely suitable for the demanding agricultural environment.

Modern composite materials are materials of the future. The innovative and unmatched technical material properties contribute greatly to the development of new sustainable products and solutions, which are necessary for a sustainable future.



Composit

Composite is derived from the Latin word »componere«.

Composite materials are made by combining two or more materials (physically not chemically), thereby creating a new material with specially intended and superior properties.

Technical properties of composite materials derive from the initial qualities and properties of the combined materials, the combination of the fabrics (matrix, reinforcement, hardener, additives), as well as, the production processes and conditions.

Possibilities are endless!