



AGRO



# Water Tanks

Vertical or horizontal tanks



# Unique Water Tanks

## Vertical or horizontal tanks

A Water Tank, at its core, may come across as a simple product – but then again, not!

A Water Tank needs to meet a number of requirements:

- > Water Tank must be easy to install according to regulations, and it has to be levelled.
- > Water Tank must continuously maintain a high level of hygiene.
- > Water Tank must be strong and robust.
- > Water Tank must be dimensionally stable at both high and low temperatures.
- > Water Tank needs to be easy to inspect and monitor.

Tunetanken Water Tanks are of the highest quality. Water Tanks are made from fiber-reinforced composite material.



Sizes range from 1,200 to 200,000 liters.

A unique material also used for the production of highly strained products such as windmills, ships, aeroplanes, bridges etc. It is also a material that can be reused.

**Tunetanken Water Tanks are thought out with regard to installation, operation, maintenance, life cycle and environment.**

## Benefits

### 1. Centered access shaft

The access shaft is placed at the center of the tank, which provides optimal access for the operator and a great overview of the inside of the tank. Access shaft comes in different diameters: Ø580 mm and Ø780 mm.

### 2. Strong material

The Water Tank is made from fiber-reinforced composite, which is up to 20 times stronger than plastics such as PVC, PE, PP etc.

### 3. Complete discharge

Internal surfaces of the tank are smooth, which ensures optimal hygiene and discharge.

### 4. Anchoring foot

Anchoring foot ensures that the tank is installed safely and firmly.

### 5. Easy to install

Flat bottom ensures easy and correct installation of the tank, even under difficult conditions.





## Benefits of Tunetanken Water Tanks

- > Large programme of both vertically standing and horizontally laying tanks.
- > Sizes ranging from 1,200 - 200,000 liters.
- > Fiber-reinforced composite materials with high strength and long life cycle.
- > Light weight and flat bottom ensure quick and easy installation.
- > Internal surfaces are smooth without profiling for optimal discharge.
- > Temperature resistance  $-/+ 100^{\circ} / 90^{\circ}$  C.

## Equipment

### 1. Level sensor

With a level sensor you get a continuous overview of the remaining water in the tank. It can also send a text message to your phone.

### 2. Access shaft in two sizes

The shaft comes in two different diameters:  $\varnothing 580$  and  $\varnothing 780$  mm.

### 3. Pipes, flange studs and valves

Pipes, flange studs and valves can be installed according to requirements.

### 4. Saddles and stand

Water Tanks can be installed with saddles or a stand.

### 5. Odour-tight cover

Corrosion resistant cover made from fiber-reinforced composite with rubber gaskets. The cover prevents debris falling into the tank and allows for a high level of hygiene.





## Tunetanken

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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

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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

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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!