



AGRO



# Fans for hay and grain drying

with cabinet in fiber-reinforced composite

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 TUNETANKEN



# Fans

## for hay and grain drying

Tunetanken produces both portable and stationary fans for drying grain and hay, which can be obtained with different motor power rates from 1.1 kW to 20.0 kW.

The fans from Tunetanken are quiet, maintenance-free, and high-performance with low energy consumption. The fan cabinets are made of fiber-reinforced composite - a robust material with low weight that cannot rust and has noise reducing abilities. Due to the advantage of the material properties resonance is avoided, which gives a significantly lower noise level.

The portable fans from Tunetanken with motor power rates from 1.1 kW to 5.5 kW are supplied with wheels and handles. The stationary fans from Tunetanken with motor power rates from 7.5 kW to 15 kW are extremely powerful and must be firmly mounted with bolts.



Moveable fans can be used for i.g. hay drying facilities.

Fans from Tunetanken are well thought out in terms of establishment – operation – maintenance – service life – environment.

## Advantages of portable fans

### 1. Fiber-reinforced composite

The cabinet is made of fiber reinforced composite material that ensures great strength and long service life.

### 2. Portable

Due to the composite materials' low weight, the attached wheels and plastic handles, the fans are easy to move.

### 3. Corrosion resistant

Fiber-reinforced composite makes the fan cabinet extremely resistant to corrosion.

### 4. Low noise

The advantageous composite material has noise cancelling properties that reduces resonance and ensures noise-free operating conditions.

### 5. Performance as needed

The fans can be selected with different motor power rates from 1.1 kW to 5.5 kW.

### 6. Low energy consumption

The unique design makes the impeller effective, which reduces the required energy consumption for drying hay and grain.

### 7. Flange

Flange for connecting flexible hose  
Ø 300-400 mm.





Stationary fans can be used for i.e. grain drying in a modular silo or a grain storage.

## Advantages of the Tunetanken fans for hay and grain drying

- > Significantly lower noise level and resonance.
- > Removable and stationary models with motor power rates from 1.1 kW to 15 kW.
- > Corrosion and temperature resistant
- > Minimal maintenance and low operating costs.
- > Fiber-reinforced composite cabinet – a robust material with high strength and long service life.
- > Easy-to-clean surfaces.
- > Low weight ensures fans are easy to mount/move.

## Advantages of stationary fans

- 1. Fiber-reinforced composite**  
The cabinet is made of fiber reinforced composite material that ensures great strength and long service life.
- 2. Corrosion resistant**  
Fiber-reinforced composite makes the fan cabinet extremely resistant to corrosion.
- 3. Low noise**  
The advantageous composite material has noise cancelling properties that: reduces resonance and ensures noise-free operating conditions.
- 4. Performance as needed**  
The fans can be selected with different motor power rates from 7.1 kW to 15 kW.
- 5. Low energy consumption**  
The unique design makes the impeller effective, which reduces the required energy consumption for drying hay and grain.

- 6. Easy installation**  
The low weight of the composite material ensures easy installation using bolts.
- 7. Flange**  
Flange for connecting flexible hose  
Ø 300-400 mm.



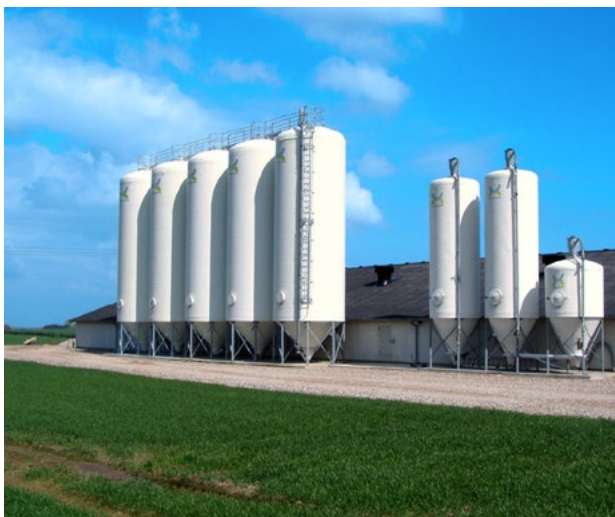


## Tunetanken

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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!