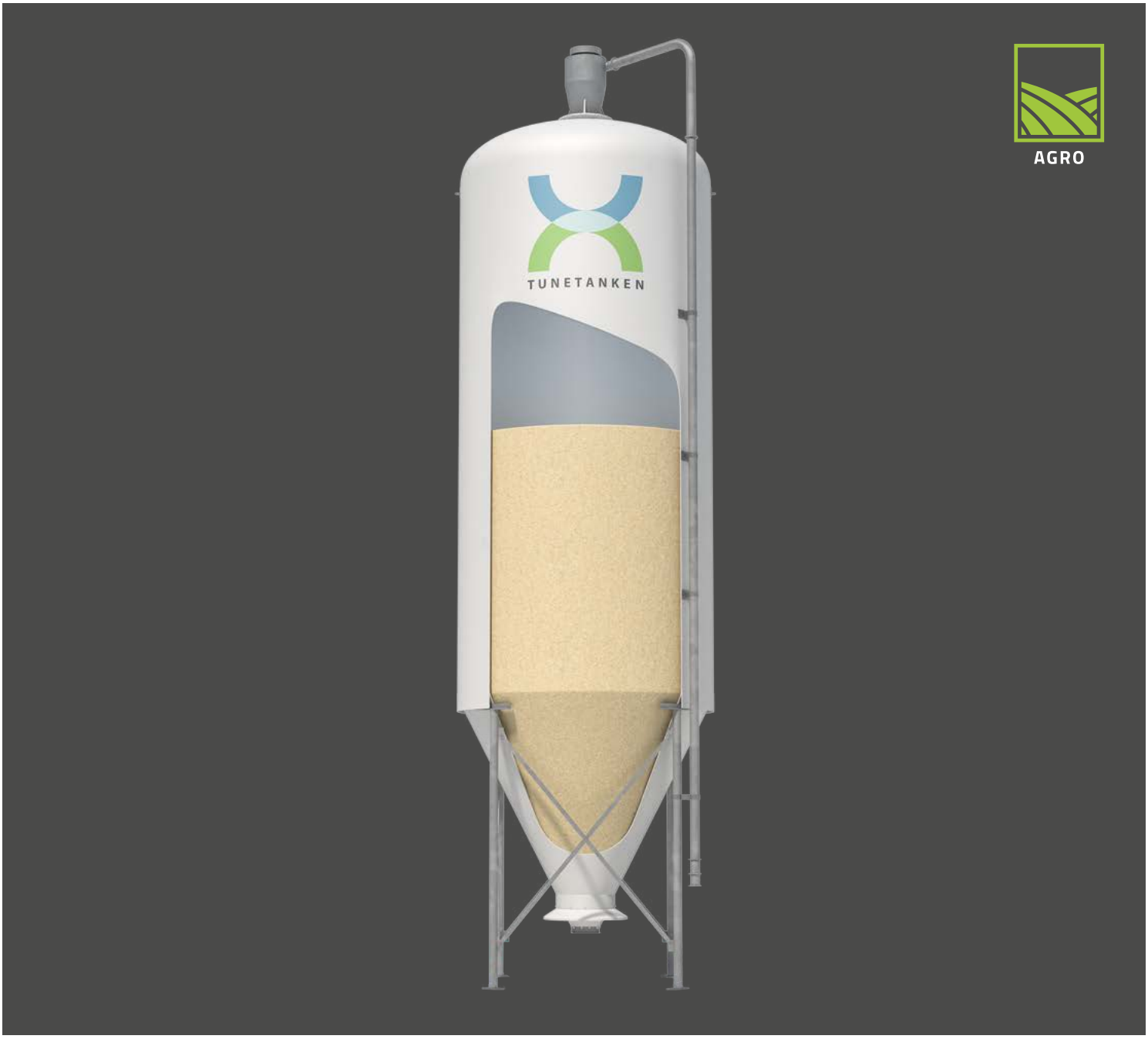


AGRO

Tunetanken
FullFlow system

"First in – First out"

TUNETANKEN

Tunetanken silo with **FullFlow** system

"First in – First out"

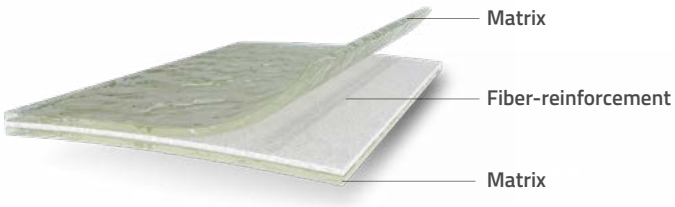
High fodder quality and easy handling

Tunetanken outdoor fodder silo with FullFlow discharge system gives you an efficient solution for optimal fodder hygiene as well as reduces waste. Our fodder silo is fully moulded and manufactured in fiber-reinforced composite. The composite material has natural insulating properties which together with the effective ventilation minimise the risk of condensation and moisture inside of the silo.

Fully moulded silo has smooth internal surfaces without any bolted joints which prevent fodder residue from accumulating along the sides of the silo. Smooth surfaces are easy to clean providing a high level of hygiene inside the silo, which results in healthy fodder and minimal waste. Furthermore, the surfaces contribute to a dynamic flow by securing constant discharge as well as smooth fodder movement inside of the silo.

High insulation

Composite material has great insulation properties and is minimally affected by temperature differences, which thereby minimises condensation.



The many benefits of composite material:

- Great strength and compactness.
- Long life cycle.
- Corrosion resistance.
- Chemical resistance.
- Minimal maintenance.
- Resistance to climatic influences.
- Natural insulating properties minimise the risk of condensation.

Optimal ventilation

Optimal ventilation through ventilation pipes minimises formation of condensation which prevents bad fodder hygiene.

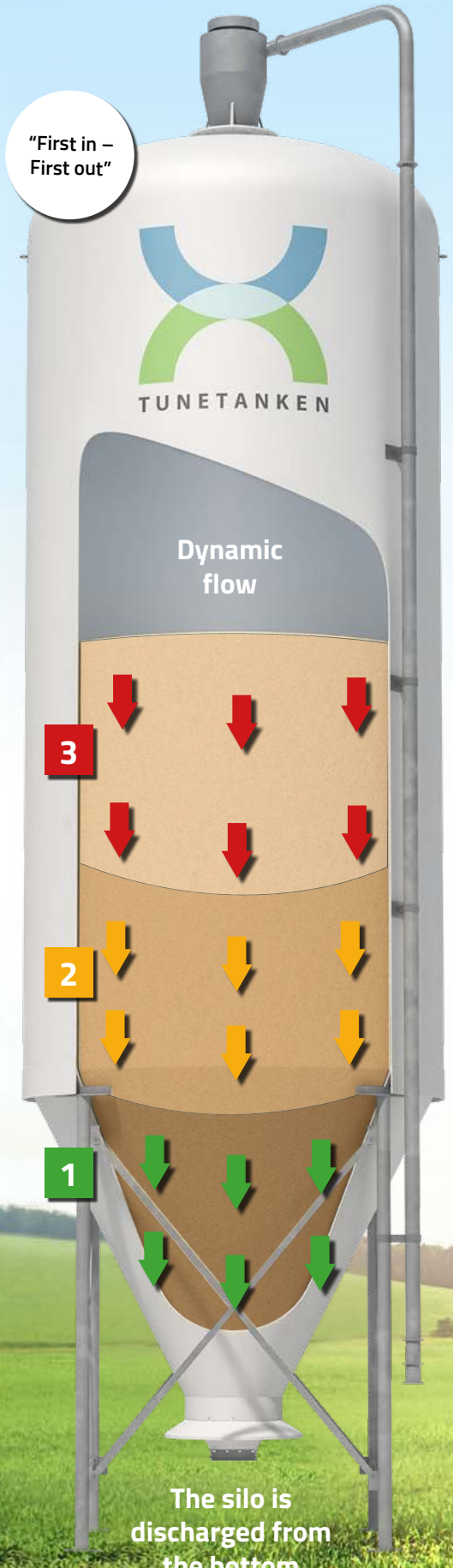
70° bottom outlet

Unique FullFlow bottom outlet secures efficient discharge and contributes to the dynamic movement of the mass during discharge. The cone with a 62,5° slope and the 70° sloped bottom outlet together make a unique combination that secures ideal conditions for the dynamic movement of the mass inside of the silo.

FullFlow system

"First in – First out"

An efficient and hygienic discharge system based on a combination of conditions.



> **Composite material**

Composite material is great for insulation and is minimally affected by the temperature differences, which minimises condensation thus preventing media from sticking to or absorbing moisture from the surfaces of the silo.

> **Smooth and fully moulded surfaces without any joint seams**

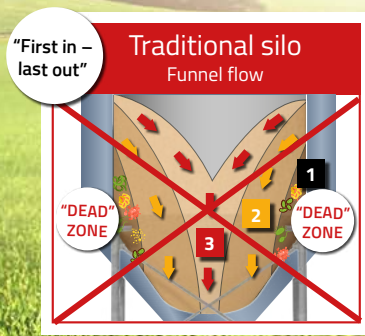
Fully moulded and very smooth surfaces without any joint seams, bolts or mountings secure a dynamic and easy flow of the media inside of the silo. The media is accessed from the bottom of the silo to make sure that the first media supplied is also the first to be discharged.

> **70° bottom outlet**

A bottom outlet with 70° slope has no seams or edges which makes it easy to release the media as well as minimises condensation.

> **Efficient supply and ventilation**

Efficient supply and ventilation are of great importance, making sure that the media is distributed evenly and doesn't get packed too tightly thus minimising the risk of condensation.



Traditional silo – Funnel flow
First in – last out

A traditional silo discharge is based on a funnel flow, where the media inside of the silo flows from top to bottom in a funnel-shaped manner. Using this type of silo allows "dead" zones to form, where some of the media remains immobile providing conditions for dioxin and fungus spores to appear.

Tunetanken

With more than 50 years of experience in fiber-reinforced composite materials 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.

The 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!

26.04.2021