



## OUTDOOR SILOS

High fodder quality and easy management

# OUTDOOR SILOS

With FullFlow discharge system  
– which ensures high fodder quality

Horsekeeper Outdoor Fodder Silos with the FullFlow discharge system provide you with an effective solution for optimal fodder hygiene, reducing waste, reducing work hours and increasing profits. Our Fodder Silos are produced in fully moulded fiber-reinforced composite. The composite material has an insulating effect that in combination with the effective ventilation of the silo heavily reduces the risk of condensation.

The fully moulded silos have smooth internal surfaces without bolts, thereby preventing fodder leftovers from sticking to the sides. This allows for easy cleaning and a high level of hygiene in the silo and thereby more healthy fodder as well as minimal waste. Smooth internal surfaces also ensure a dynamic mass flow, allowing to discharge the silo at a steady pace with constant movement of the fodder mass. Composite materials are highly insulating and are minimally influenced by the temperature shifts, which minimises condensation.

## 70° BOTTOM DISCHARGE

The unique FullFlow bottom discharge ensures effective discharge and helps maintain a dynamic flow during the process. The dynamic flow inside of the silo is ensured due to the correct conditions - a unique combination between the 62,5° angled cone and the 70° FullFlow bottom outlet.



*Due to optimal ventilation via ventilation pipe with a large area, condensation is minimised and a bad fodder hygiene is prevented.*

### The many benefits of the composite material:

- High strength and tightness.
- Long life cycle.
- Corrosion resistance.
- Chemical resistance.
- Minimal maintenance.
- Natural insulating properties minimise the risk of condensation.
- Weather resistance.

### EXTRAS

Ventilation pipe, level indicator, manhole, electronic filling level indicator and bottom outlet can be bought as extras.



#### 1. VENTILATION

A large ventilation area protects the silo against overpressure during blow-in of feed.

#### 2. CYCLONE

Allows for gentle distribution of feed during filling and therefore achieves minimal separation. Furthermore, ensures release of air during filling avoiding heat build-up from feed, and thus minimising the risk of condensation.

#### 3. BLOW-IN PIPE

Blow-in pipe and the bend with large radius for minimal damage and separation of feed during filling.

#### 4. VENTILATION PIPE

Discarded air can be led to terrain and through a filter, which keeps the silo and surroundings clean of dust.

#### 5. STRONG STEEL STAND

Steel stand in strong galvanised steel fastened without bolted joints.

#### 6. CONE WITH 62,5° ANGLE

Fully moulded cone with smooth surfaces, which along with the FullFlow-bottom outlet ensures safe and complete discharge.

#### 7. RAIN COLLAR

Rain collar over outlet leads the rain water away from the silo and protects screw conveyor and fodder machine.

#### 8. BOTTOM OUTLET

Adapted to your needs for connecting various screw conveyors as well as fodder- and transport systems. **FullFlow-discharge system** ensures optimal hygiene.

#### 9. SILO OF THE HIGHEST QUALITY

The Horsekeeper logo is a guarantee of the highest quality of the silo.

An effective and hygienic discharge system based on a combination of:

✓ Composite Material

A material with high insulation properties, which minimise the formation of condensation, preventing feed from sticking to or absorbing moisture from the surfaces of the silo.

✓ Smooth and solid-molded surfaces without seams

The very smooth and solid-molded surfaces without screws, bolts and fittings on the inside ensure, that feed easily and unhindered can sink as a dynamic and evenly distributed mass through the silo. The feed is accessed from the bottom of the silo, therefore, the first feed blown-in, is also the first to come out.

✓ 70° Bottom outlet

A bottom outlet with a steep 70° slope and without seams allows for feed to slide easily and minimises compressing

✓ Effective blow-in and ventilation

Effective blow-in and ventilation are very important in order for the feed to be distributed, to avoid it getting compacted as well as to minimise the formation of condensation.







## HORSEKEEPER

Horsekeeper develops and produces products for the horse keeping business. We supply unique and functional solutions for designing and operating horse herds at all levels, whether you are a horse owner, a trainer, a breeder, a riding school or a riding club.

Horsekeepers' product programme consists of high-quality products developed with a focus on aesthetics, functionality, and ease-of-use goods for both the horse and the rider. These are products that can improve the conditions for you and your horse at all levels.



## THE BEST QUALITY

We require the quality for our products, just as the highest set of standards for the design and functionality. Horsekeeper products can endure being outside all year round as well as endure demanding barn environments. Our products are primarily made with a unique composite material, which has such benefits as durability, low weight, high strength and minimal maintenance and therefore is a well-suited material for horse environments.

Modern composite materials are the materials of the future. The innovative and unparalleled material properties of composite materials contribute heavily to the development of new sustainable products and solutions necessary for a sustainable future.



## COMPOSIT

Composite comes 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!

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