



Silo / bin



Process

Input: Raw or processed material



LILDAL silo / bin



Output: Storage and further transport

Design

The silo/bin is an important part of a rendering plant for receiving, storage and transport of both raw and processed material.

The silo/bin is manufactured in different designs depending on where in the process it is placed.

The design of the raw material silo depends on several parameters such as raw material type and composition and free water content. And number of conveyor screws in the silo depends on plant capacity and type of raw material.

An example is that some raw materials such as feather and bio masses can be difficult to transport and so is it necessary to cover the whole bottom width of the silo with conveyor screws.

And already at this stage is it possible to drain free water and fluids for the benefit of the customer. We can as option deliver the raw material silo with a special drainage system draining some of the free water/fluids resulting in less energy usage later in the process. Because water/fluid is expensive to heat.

The silo/bin can also be manufactured as a feed buffer version for raw material pumps and as feed buffer for press inlet.

For receiving warm processed material the receive bin is often equipped with two bottom conveyor screws to ensure that the processed material does not settle and with one of the conveyor screws working as transport conveyor for the subsequent conveyor system.

Based on years of experience are we able to design and deliver an optimized silo/bin solution specially designed for the process in question in close co-operation with you.

Design Features	Customer Benefits
Customized silo/bin solution	Optimized solution for your plant
Stainless steel or mild steel version or combination of both	We always meet whishes regarding design
Optional drain section for the raw material silo	Energy saving to your advantage

Distributor/ Agent