

Feeding systems for poultry

For optimal animal performances and manageable feed costs



FANCOM[®]
forward thinking

Facts & Figures

45+

Years of experience

1600+

1600+ poultry houses annually

210+

Global network of distributors and partners

4900+

Sections for pigs annually

700

Growing rooms for mushrooms annually

1

Number one in farm automation



Proven Dutch quality:

Fancom is active in 4 market segment in 63 countries.

All our products are designed and developed in the Netherlands.



The creative and development processes at Fancom are entirely focussed on achieving superior conditions for pig and poultry producers. Creating the right conditions starts in the house.

FANCOM®

Total house automation

Our feeding systems are part of the Fancom system for total house automation. We offer a suitable solution for every type of house, no matter where in the world. A solution where the controller and peripheral equipment use smart intercommunication and where the various processes such as climate control, feed and water distribution and animal weighing interact and operate seamlessly. And are always customised to match your needs. We call this new approach Fancom One; complete control of the entire house from one central point.

Here is an example of complete control in a broiler house. View more examples on our website and discover what Fancom can mean for your house.



Keep feed costs under control

The feeding system makes an important contribution to realising superior conditions in the house. In addition, feed costs are an important cost item on your farm. So it's no surprise that managing feed costs efficiently is a particular focus area.

Complete control over the feeding process

A well organised feeding process offers countless advantages. Your animals are automatically fed the right portion of feed at the right time, and detailed data on stocks of feed and daily feed intake are registered. This is valuable management data that will help you improve the feed conversion rate of your animals to tighten control of your feed costs and enhance the performance of your animals.

An automatic feeding system helps you to accurately control the amount of feed given. Feed, water and light are synchronised under all circumstances to promote optimal animal growth or production. The feed composition can be easily adapted to suit the animals' needs. This saves time and helps you keep the cost price of feed and the production results under control.



A suitable solution for every house

Because every house is different, Fancom offers various automatic feeding systems for poultry:

- Feeding system with a feed weigher that dispenses small feed rations very accurately
- Feeding system with a silo weighing system that dispenses large feed rations in a short time

The key features of these systems are flexibility, reliability and convenience. Discover our solutions on the following pages



Poultry feeding system with feed weigher

A feed weighing system uses an electronic feed weigher positioned between the silo and the hoppers in the house to accurately dispense small feed rations. The system accurately controls the entire process, from preparing the feed in the batch weigher, filling the hoppers in the house right up to supplying the feeding lines in the house.

How does a feed weigher work?

The storage hoppers in the house are filled with feed. As soon as the feeding process starts, the feed is transported from the hoppers to the animals. At the same time, a new portion of feed is prepared in the feed weigher, based on the number of grams per animal per day. This can also be prepared the right mixing ratio if you wish. If one of the silos empties during feed preparation, the system automatically switches to the other silo containing the same type of feed. The daily amount of feed and the mixing ratio can be pre-set in a feed curve.

A manual operation unit (optional) allows you to operate the feeding system by hand should a malfunction unexpectedly occur. This safeguards the feed supply to your animals in all circumstances.



A suitable feed weighing system for every house

There are various applications with feed weighers depending on your situation in your house. Do you offer unlimited feed supplies with clear consumption registration or is feed rationed to enable accurate weight based control? Or would you rather cut feed costs by home mixing? Fancom offers a suitable concept for every situation. Independent to the chosen feeding system, the feed installation ensures the animals are automatically supplied with the right amount of feed at the right moment. The system features a high number of intelligent clock functions with start times that can be linked to automatically coordinate water, feed and light. Other standard features are extensive lighting controls, including light measurement and control based on time or light intensity.

- **EasyBatch** is especially for situations where feed mixing is not necessary. EasyBatch controls one or two houses with maximum two silos and registers the consumption of five different feed types.

- **EasyBlend** is a feed weighing system that allows two feed types to be mixed or grain to be added. While the feed is being transported to the hoppers in the house, the feed types are mixed well. EasyBlend controls one or two houses with a maximum of three silos and registers the consumption of five different feed types.

- **BreederBatch** is a batch weighing system especially for houses with parent animals where males and females are fed separately. The system automatically takes the distribution of the males and females in the house into account. Simply enter the number of males and females once, and how the feed should be distributed. The computer will calculate the distribution of all the feed over the various hoppers in the house during the entire rearing cycle. The formulation and type of feed for males and females may differ.

- **MultiBlend** is ideal for situations with a central silo and a home mix installation. The system can be used to mix several ingredients, in order to help control feed costs. The system consists of an extensive control computer and a weigher, possibly with a mixing unit to prepare feed yourself. The feed is automatically prepared in the required quantity and composition. The feed quantity and composition is adapted using a feed curve to suit the age and condition of the animals. The system controls the entire process, from preparing the feed right up to transporting feed to the house.



Lumina 44 for BreederBatch

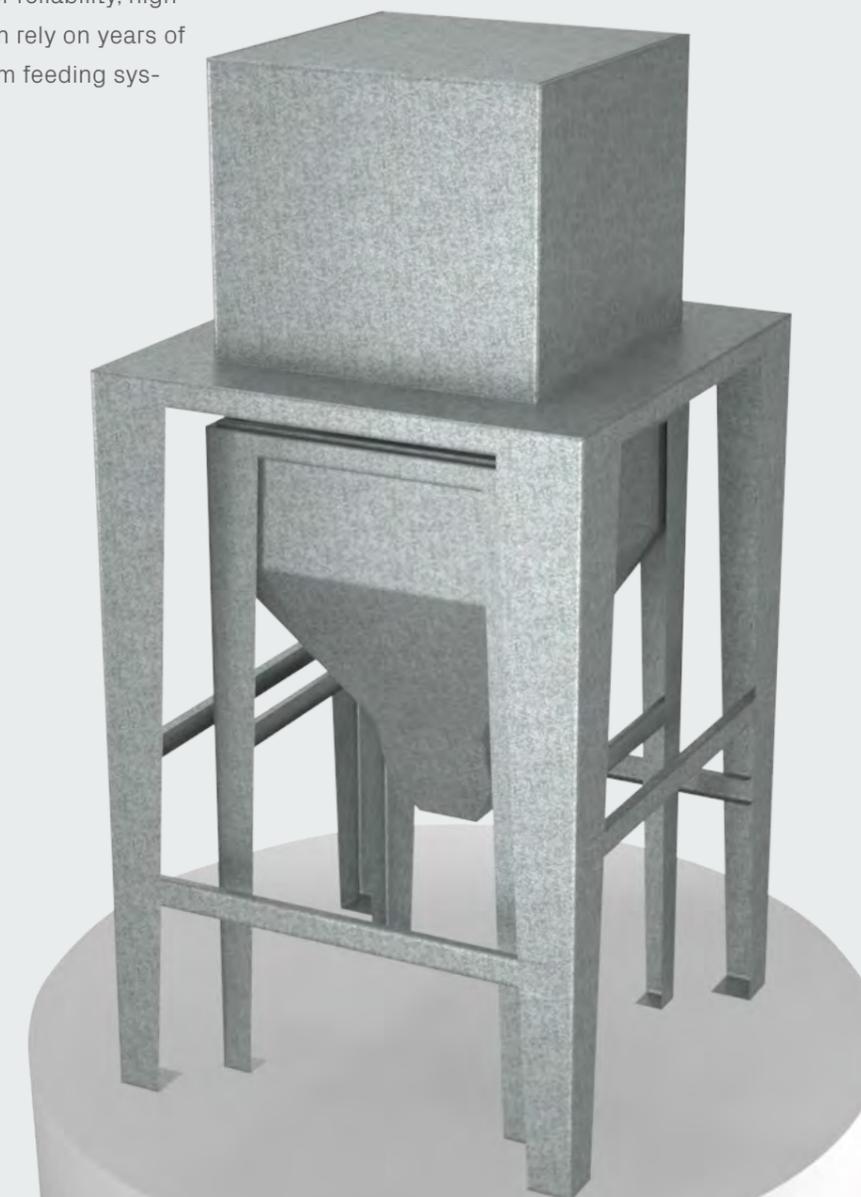


Lumina 41/42 for EasyBatch + EasyBlend

Batch weigher Accurate feed dispensing

Fancom's WU.70 is a galvanised weighing unit specially developed to dispense feed in poultry houses. The electronic feed weigher is positioned between the silo and the hoppers in the house and controlled by a Fancom computer. This enables highly accurate and controlled dosing of feed rations. The high weigher capacity means feed can be dosed very quickly (up to 9000 kg per hour). The WU.70 features a mechanical manual control valve and is supplied with a load cell amplifier.

Fancom supplies complete installations, including all the peripheral equipment such as weighers and feed mixers. All the component parts are selected for reliability, high quality and functionality so that you can rely on years of trouble-free operation from your Fancom feeding systems.



Poultry feeding system with silo weighing

In situations where you want to distribute large amounts of feed in a short space of time, such as in layer houses, you can opt for a silo weighing system where the silo is weighed using weighing bars or load cells. The feed is transported directly from the silo to the hoppers in the house, for a quick and efficient feeding process.



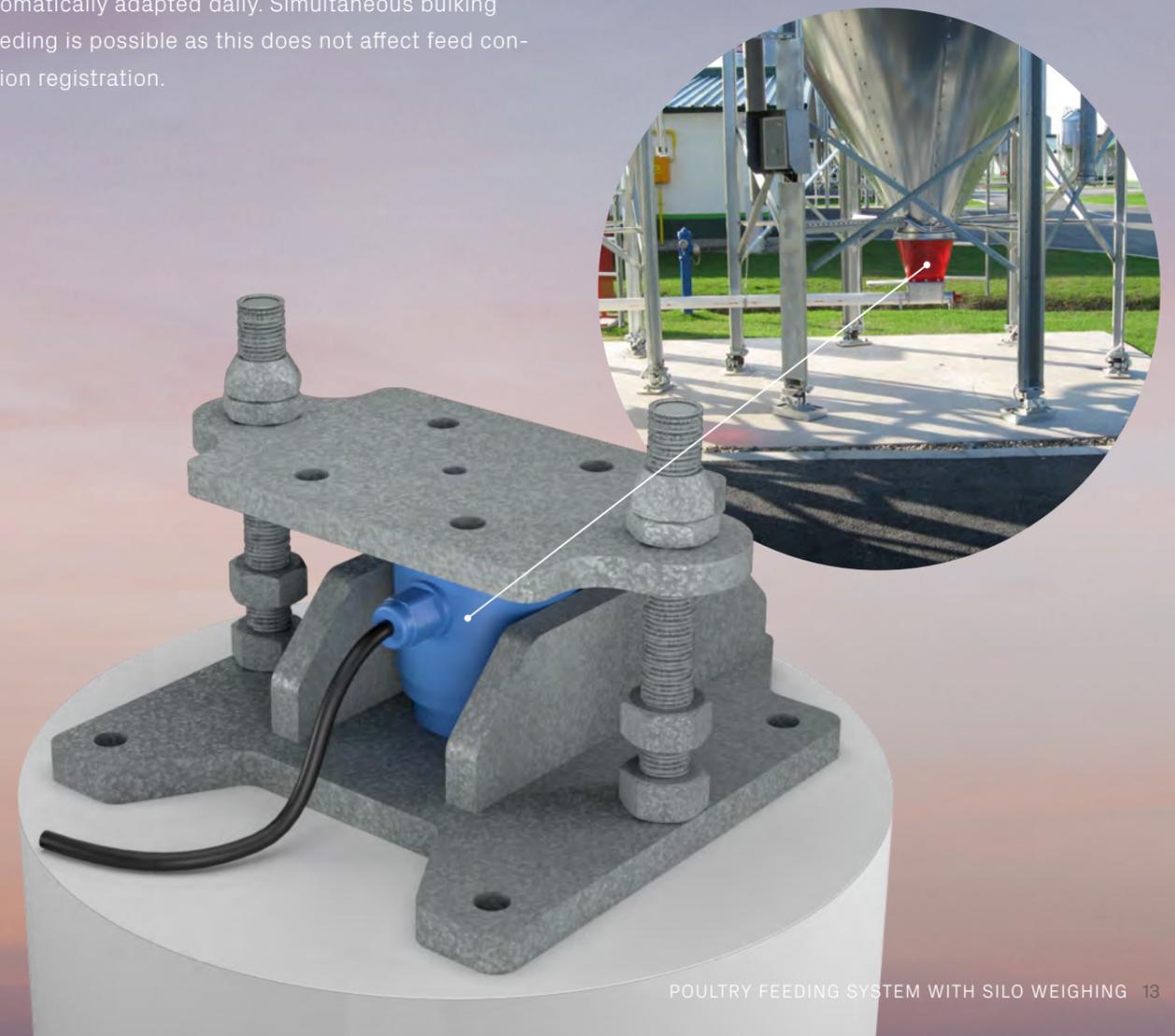
How does the Fancom silo weighing system work?

The Fancom silo weighing system ensures accurate control from silo to feeder. As the silo is weighed continuously, you can read out exactly how much feed is left in the silo at all times. A highly convenient and efficient method of stock management. Influences of temperature differences are compensated for by load cells, while software compensates for wind influences on the silo. That means the weight registered by the system is absolutely reliable.

Whether you apply an ad lib or restricted feed strategy, the feeding process is completely automatic. The system controls the discharge auger and weighs out the feed in the silo. The hoppers in the house are then filled, and finally the feed lines are activated to fill the feeders. The system features curve control so the feed ration can be automatically adapted daily. Simultaneous bulking and feeding is possible as this does not affect feed consumption registration.

Fancom's silo weighing system controls one house with two silos on a single frame. When the silo is empty, the control computer automatically switches to another silo with the same feed type on a frame. The system even checks for signs of bridging in the silo.

The load cells used to weigh the silo are extremely accurate and supplied with a robust console for easy and quick installation.



Fancom feeding systems all over the world

Countless poultry farmers all over the world benefit from optimal conditions in their houses by using one of our feeding systems.



Serbia
EasyBin



Germany
EasyBin



United Kingdom
EasyBlend

The Netherlands
Easyblend



The Netherlands
EasyBatch

Forward thinking

Fancom BV

Wilhelminastraat 17
5981 XW Panningen

P.O. Box 7131
5980 AC Panningen
The Netherlands

+31 (0)77 - 306 96 00
fancom@fancom.com
www.fancom.com