

Farmer Automatic

Drying System

Overhead drying system



Efficient manure drying – the w

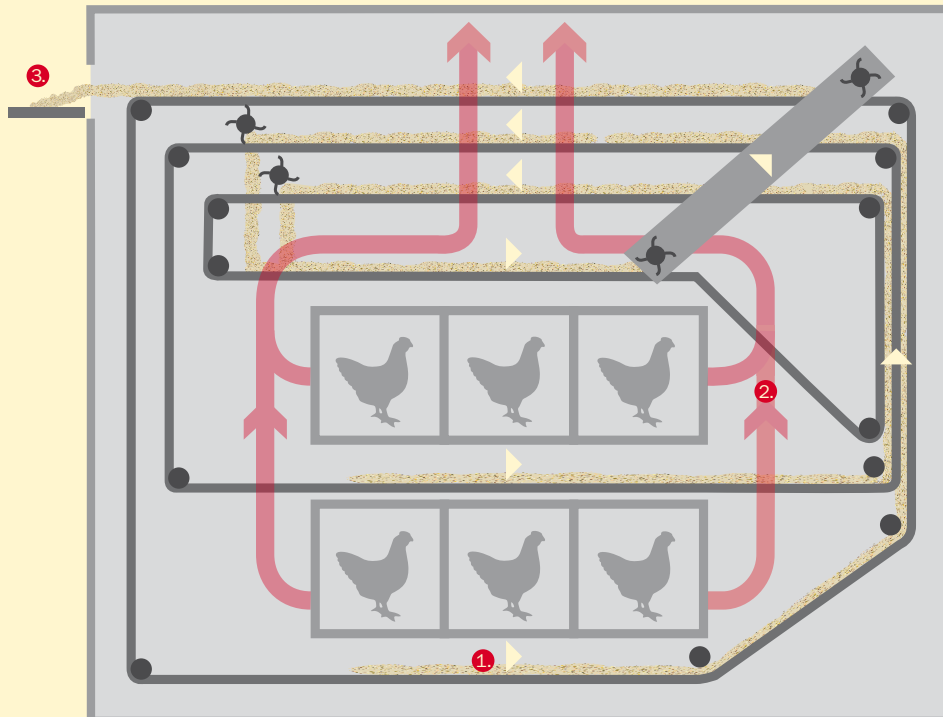
A systematic solution

The Farmer Automatic overhead drying system results in an improved climate for people and animals in your housing system – with minimal energy, investment, and operating costs. At the same time, you have an efficient and economically advantageous solution for the problem of manure drying and disposal. The fully automatic system can be installed in the house above the housing systems.



The manure and air cycle in an overall poultry house complex.

1. Manure
▷ Direction of manure flow
2. Air circulation
3. Removal of dried manure



Efficient performance

Although manure drying takes place within the housing system, the drying system is a separate technical installation: contact between animals and manure is no longer the case. The air in the house is circulated in such a way that the animals are not exposed to odors and, in turn, are protected against ammonia pollution.

Overhead drying is suitable for installation in all closed farming systems.

As a further option, you can process the dried manure leaving the system with a Farmer Automatic Pelletizer and sell it as a commercial fertilizer, for instance – an extremely attractive form of additional income.

whole year round

Adaptability for summer and winter operations

With an automatically coordinated interplay of heat exchangers, ventilation valves, exhaust ducts, and fresh air intakes, the temperature and ventilation control units of the overhead drying system constantly provide an optimum house climate.

In the summer configuration of the house climate drying system, the animals are constantly and reliably provided with fresh air.

To prevent overheating in the house, the warmed and exhausted air is extracted directly and vented to the outside.

In its winter configuration, an absolute minimum of heat energy is lost to the outside in order to ensure that no additional drying costs are incurred.

The animals' body temperature is sufficient to heat the house.

Between the seasonal extremes of summer (very warm) and winter (very cold) the drying system adjusts automatically to any outdoor temperature.



Advantages at a glance

- Superb efficiency through extremely high degree of desiccation (from 20% to 80% dry matter)
- Extreme climate improvement for people and animals thanks to odor and ammonia reduction
- Enormous minimization of gaseous pollution through additional fresh air volume and enhanced ventilation air-flow
- Reduction of storage and handling costs – emission-free dry storage and a drastic reduction in volume
- Minimization of investment and operating costs as system is suitable for individually tailored installation and requires extremely low maintenance
- Dried manure is the perfect fuel for the generation of regenerative energy with the Farmer Automatic Power System



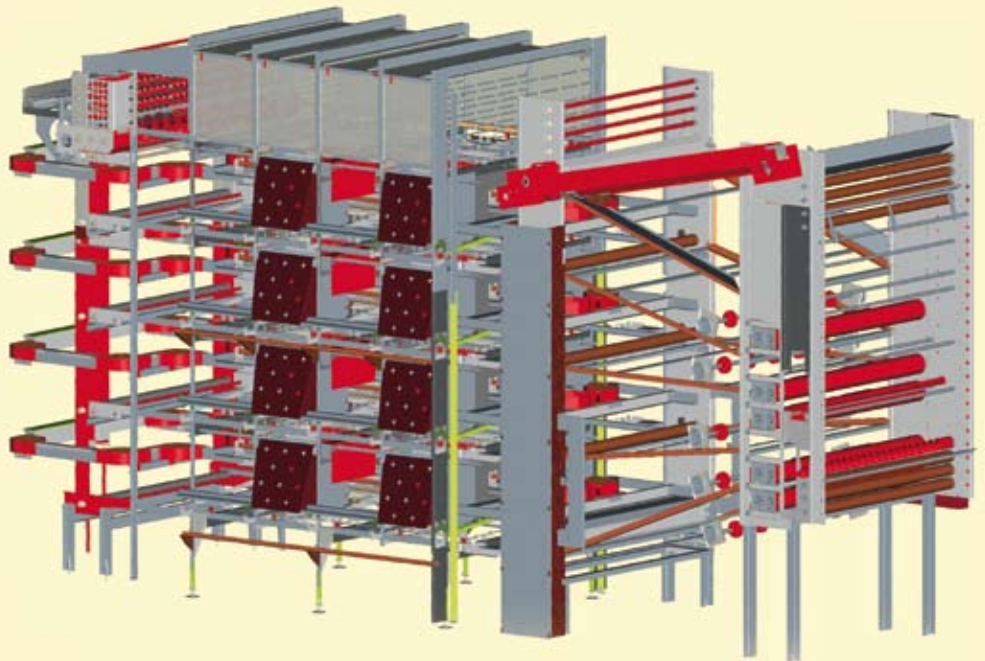
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Specifications

You can find further specifications of the overhead drying system at www.farmerautomatic.de or in a personal consultation with your Farmer Automatic representative.



German-made success

Farmer Automatic offers innovative products for ultramodern poultry farming. With more than 45 years of experience in the market worldwide, we produce and sell complete solutions from a single source with a

range of products designed to be always flexible and adapt to poultry farmers' individual requirements. As a personally managed family company we work as partners to our customers, always on hand to

provide effective support for their long-term success. Together we work towards real growth so that we are always one step ahead of the demands of the market.

Dealer



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