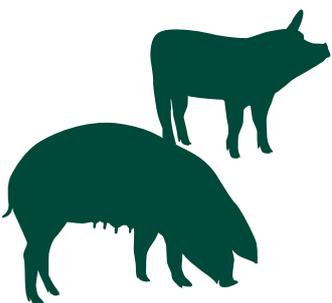




LUMINA 71 DRY FEED COMPUTER

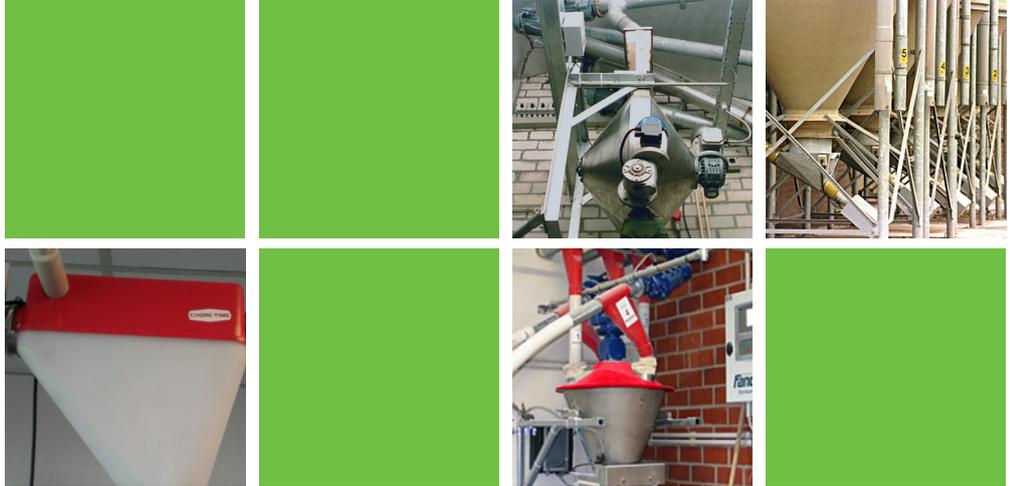
FOR MULTIPHASE FEEDING

- Complete control of the feeding process
- Extensive registration possibilities
- Simple operation
- Connection to PC
- Also available as switch panel



LUMINA 71 DRY FEED COMPUTER

The LUMINA71 is a practical computer used to control a dry feed installation for multiphase feeding. It precisely calculates the size and blend of the portions per valve. The number of animals and their age are used in these calculations. The calculations are repeated every day to ensure feed matches the animals' needs and is accurate to the gram. Transitions are very gradual so the animals have no problem adapting to different feed.



Complete control of the feeding process

- Ingredients can be dosed in based on an increase in weight, pulses or time.
- The exact portion size and composition is calculated per valve.
- There are two ways of dosing out:
 1. based on registration/dosing; dosing stops when the entered amount of feed has been reached.
 2. based on ad libitum sensor feeding; feed is dosed during the entire feeding time as long as the trough sensors haven't detected any feed.
- For a higher dosing rate, the feed can be prepared and dosed out simultaneously. Several portions can be in the feeding system at the same time.
- The feed composition can be changed daily to precisely suit the animals' need.

Two control principles

- Circuit control pumping where the feed is sent past all valves in a closed circuit through the house.
- Route control sends the feed via flex augers in a fixed route directly to the valves.

Know your index figures

- The LUMINA71 registers all data per valve. So you know exactly what has been fed.

- The available amounts, consumption, energy value and prices are registered in the stock management of the ingredients. This data is automatically recalculated after bulking.
- Extensive animal management functions. Per feed place you can enter the number of animals, the animal weight, the delivery or relocation of animals and corresponding data.
- Possibility to register water consumption.

Extra features

- Per valve an amount of medicines or minerals can be added to the portion.
- Trough sensors complete your fully automatic system, even with ad libitum feeding. The computer checks the content of the troughs.
- Extra time clocks can be used for water and light control.
- Extensive signal functions alert the user of any abnormalities in the feeding process and can even stop the entire feeding process, if necessary.
- Connection to PC using the Fancom FarmManager management program.
- Available as separate control box or incorporated in switch box.

Performance

Dosing in	
Weigher / blender	1
Hoppers (circuit control)	4
Hopper (route control)	1
Ingredients	20
Blends	20
Feed transport circuit control	
Feed circuits	15
4 circuits can be fed simultaneously	
Feed transport route control	
Number of routes	20
Maximum number of sections	25
Number of sections per route	10
Up to 20 portions simultaneously	
Dosing out	
Feed places	600
Start times per day	8
Feed curves	20
Day numbers per feed curve	20
Extra features	
Time clocks	20
Signal functions	20

