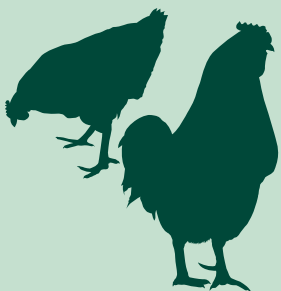# fancom®
forward thinking

LUMINA 40
FEED COMPUTER

FOR SILO WEIGHING SYSTEM

- Accurate control of the feeding process

- Intelligent time clock functions

- Extensive control possibilities

- Simple operation

LUMINA 40 FEED COMPUTER

The LUMINA 40 is a control computer for a silo weighing system where a silo is weighed using load cells or compression cells. The feed is transported directly from the silo to the hoppers in the house, so large amounts of feed can be distributed in a short space of time.

Complete control of the feeding process

- Accurate control from silo to pan feeder.
- Continuous silo weighing so the actual silo contents can be displayed at all times.
- Reliable weight read out with compensation of temperature differences and wind influences.
- Outlet auger control
- Feed weighing in the silo
- Filling hoppers in the house
- Controlling feed lines and filling feed pans
- Maximum 24 feeding times per day

Intelligent time clock functions

- The feed clocks which control the feed lines in the house are linked to the feeding times.
- Water clocks with registration function and alarms for minimum and maximum flow and leaks
- Extensive light clocks with on/off control, dim function, including light measurement and light control based on time, light percentage or light intensity.
- The start times of the various time clocks can be linked in order to automatically harmonise water, feed and light.

Extensive control functions

- Setting for unlimited or rationed feeding.
- Curve control to automatically adjust the daily feed amount.
- When the silo is empty, the control computer automatically switches to another silo with the same feed type on a frame. To prevent premature switching to another feed type with bridge forming, the system uses the day number to check if a switch is permitted.
- Simultaneous bulking and feeding without interrupting the registration of the feed consumption.

Operating overview

	LUMINA 40
Number of houses	1
Number of weighers	1
Number of hoppers	1
Ingredients	5
Stock silos	2 on one frame
Curves	10
Feeding times	24
Time clocks	8
Light clocks	8
Light schemes	1
Feed clocks	linked to feeding times
Water clocks	1
Registration groups	32
Registration mode	√
Rationed feeding mode	√