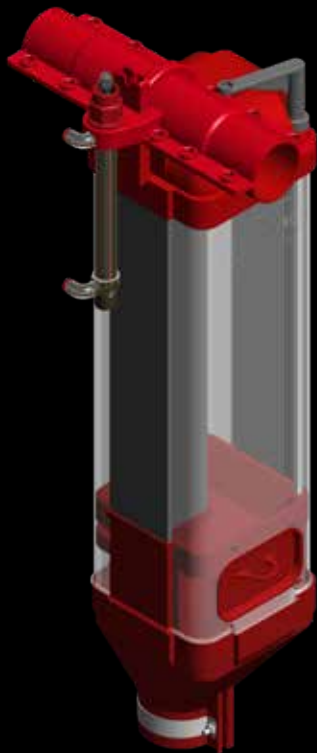




FUNKI SOW MULTI

Phase feeding of sows



CONCEPT WITH MULTIPLE SOLUTIONS

Color feed single

Color feed group

Auto feed curve

Auto feed section

- Higher survival rate of piglets
- Healthier sows
- Less farrowing fever
- Solutions from pen level to stable level
- Correct to feed type in relation to cyclus
- Low discharge of nutrients
- High growth and low feed consumption
- Better health and stable environment



| FUNKI SOW MULTI |

Phase feeding of sows - Color feed

By using the MultiController as a phase feeding controller, it is possible to run up to 4 different feeds in one feed valve or circuit system in the color feeding concept.



FEED MIX OPTIONS WITH COLOR

FEED	MIX
4	0
3	1
2	2

COLOR FEED SINGLE

- On each Master Valve Sow, an air switch is installed to manually determine what feed will be used.
- If the valve "Red" is open, the dispenser will only fill with Mix one (Red).

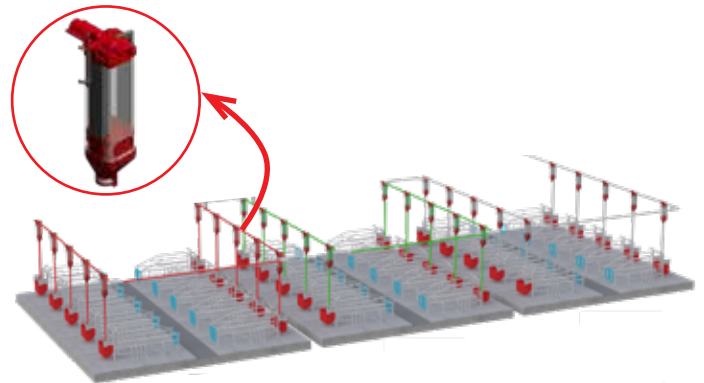


One button controls
the entire row.

Mix 1 — Red
Mix 2 — Yellow
Mix 3 — Blue

COLOR FEED GROUP .

- On each row, an air switch is mounted, typically just outside the section or row to manually determine what feed will be used in the section.
- If the valve "Yellow" is open, the dispensers will only fill with Mix 2 (Yellow).



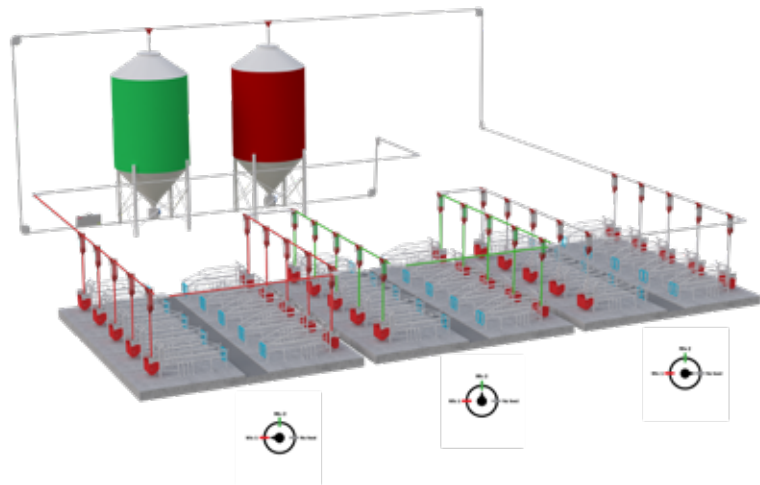
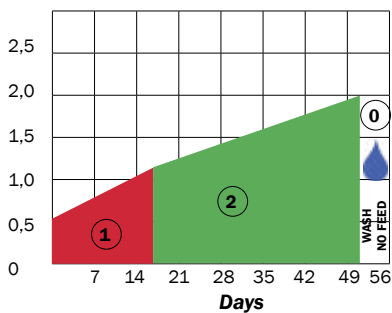
| FUNKI SOW MULTI |

Phase feeding of sows - Auto feed

AUTO FEED CURVE

- By using the MultiController as a phase feeding controller, it is possible to run automatically up to 4 different feeds in one circuit system. For example 4 feed and 3 mix.
- For each Row or Section, 2 solenoids (one for opening and one for blowing out) can be mounted centrally, or just outside each place. Funki Sow Multi can run up to 32 groups per feeding system.
- In the MultiController software, each group is defined with a feed curve, this curve will by day count determine if the room will receive feed type 1 - 7.

Amount of feed, kg



Automatic open and close magnetic valve per section per feed mix

FUNKI SOW MULTI

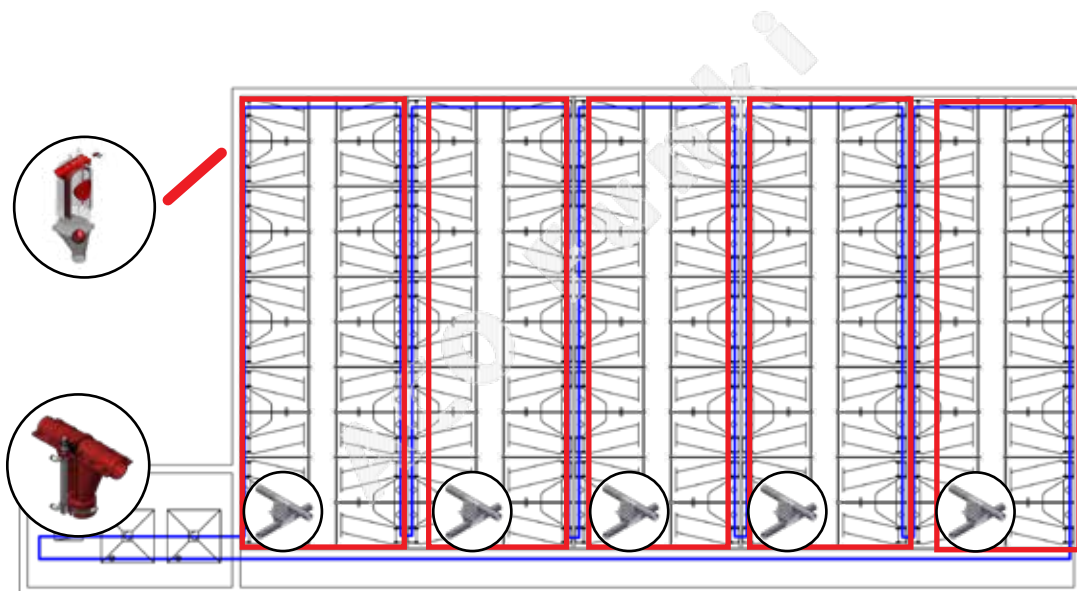
Phase feeding of sows - Auto feed

AUTO FEED SECTION

Funki Sow Multi Section is a flexible dry feeding control unit which is very easy to operate. The system can be adapted according to individual customer's needs and wishes.

Funki Sow Multi Section can be made for both phase feeding and step-phase feeding. The step-phase feeding will mix the feed from 2 silos with frequency regulated speed control and there is a return silo for each section.

- Feed curve decides feed type per section, according to the actual day in the cyclus
- Storage control of the silo's
- Consumption registration per section
- Additional data collection is available if PC software is connected
- Controllable by Smartphone



- One pipe to pipe connection outside each section.
- One feed line for each pig section.
- Feed type Curve and Room = Section.
- This solution will work with standard feed dispensers

EFFECT OF TWO MIXTURES DURING LACTATION PERIOD

Group	Control	Experiment	P-value*
Animals team	32	32	-
Amount of sows	298	322	-
Piglets born, in total per litter	18,4	18,1	0,377
! Piglets born dead, % of the piglets born in total	8,7	6,6	<0,0001
Piglets mortality during the nursing period, %	14,6	13,7	0,213
Total mortality, among piglets, %	22,3	19,9	0,004

Source: Bruun et al., 2015.

Subject to changes in materials and design is reserved.

Control - results when using one feed mix during the entire nursing period.

Experiment - results when using fiber-rich mix during the first 7 days of nursing period, and then a regular nursing feed mix.

* The specified P-values indicate, whether the differences were statistically secure. Only at P<0,05 the effect was considered statistically secure.

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