

# **Spotmix**-multiphase residue-free feeding

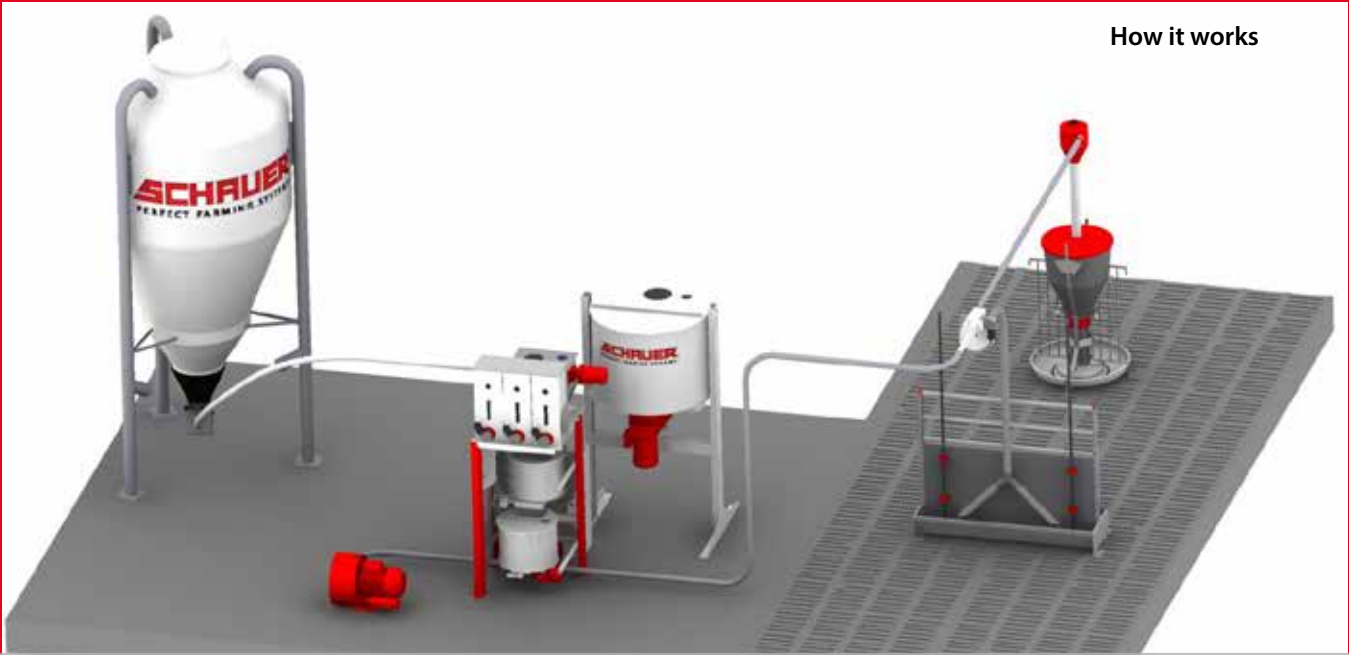


Saves feed costs and earns more money in pig keeping



# Spotmix

How it works



Innovative technology for automatic wet feeding

Setting the standard with 20 years of innovation

With SPOTMIX Schauer once again demonstrates its high competence and precision in feeding technology.

**Precise: mixture as dry feed**

Exactly the right portion and recipe is prepared for each individual feeding point. This technology with a European patent is also ideal for CCM and wet stored grain.

**Hygienic: transport as dry feed**

The precisely portioned recipe is now blown to the SPOTMIX rotation distributor in the air stream. The lines remain clean and dry.

**Flexible: distributed as liquid feed**

The feed is mixed optionally with water in the SPOTMIX rotation distributor and distributed as liquid feed in the trough or dosed out as dry feed. The rotation distributor and lines are then cleaned with air and water fog.

**The SPOTMIX benefits at a glance**

- Moistened feed for individual troughs and for sensor-type short and round troughs; you determine the optimum dry matter content of the feed

- With daily adjusted energy and protein-amounts for each animal or each group
- Perfect multiphase feeding even with ad libitum sensor feeding
- The patented process ensures best possible hygiene as no residues of any kind are left in the system – nothing could be cleaner!
- Small amounts and vitamins can be used via a second water valve and without residues

**The genuine all-round feeding professional**

- Dry feed points for automatic feeder filling or wet to liquid feeding consistency adjustable individually

- Residue-free feeding for feeding points up to 200 m away
- Scales accurate to within +/- 10 g
- Minimum feed amount from 0.5 kg/feeding point
- Feed capacity up to 600 kg dry feed/hour
- Dry and wet feed feeding points possible
- Controlled water valves for adjustment of dry matter ratio

**Rotation distributor for 6 feeding points**

Reliable and virtually wear-free.



# Clever detail solutions

Spotmix multiphase feeding for 4,000 gilt rearing unit



Top quality standard in production and in every detail



## SPOTMIX II portioning mixer

Working with an accuracy of 1:10,000 this industry-approved portioning mixer prepares the currently required feed mixture for each respective feeding point.

With the scales weighing to the nearest 10 g, even small portions can be measured with accuracy. Feed is distributed rapidly and synchronously using an industrial compressor.

Water can be added in the unit for every valve. The feed to water ratio can be as high as 1:1 to 1:4.

Thanks to the second weighing hopper, feed mixtures can be prepared together for a group of animals and portioned out exactly for each valve. This can increase distribution speed by up to 30% and reduce energy consumption considerably at the same time.

## SPOTMIX Tender

CCM pre-storage for wheeled loaders and silo cutter feeding with up to 2,000 kg pre-storage volume. Tank and auger in stainless steel and powder-coated for optimum performance and feed hygiene.

### Electrical installation:

Particularly easy installation and service-friendly thanks to BUS SYSTEM!

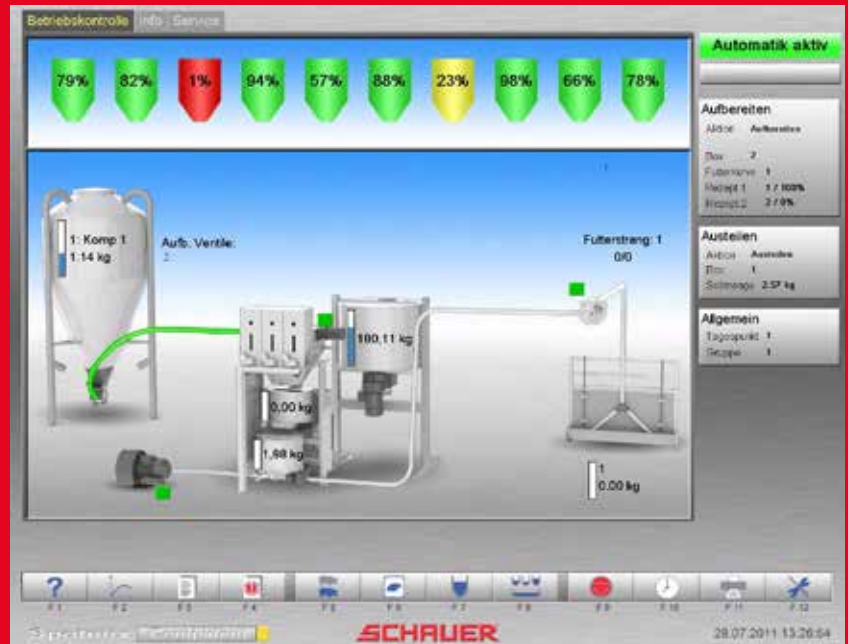
Unsurpassed in terms of freshness, hygiene and flexibility in feeding!

### Industrial compressor

- For low-wear operation
- Extremely quiet



# Optimum sow management



All feed and management data at a glance

## THE HIGHEST SOLUTION FOR YOUR PIG UNIT

### Spotmix Senso

Offers reliable protection against dampness, dust and aggressive influences thanks to its compact housing. All functions can be seen on the backlit TFT colour screen. Can be combined with Compident electronic sow feeding.

### Spotmix Topo

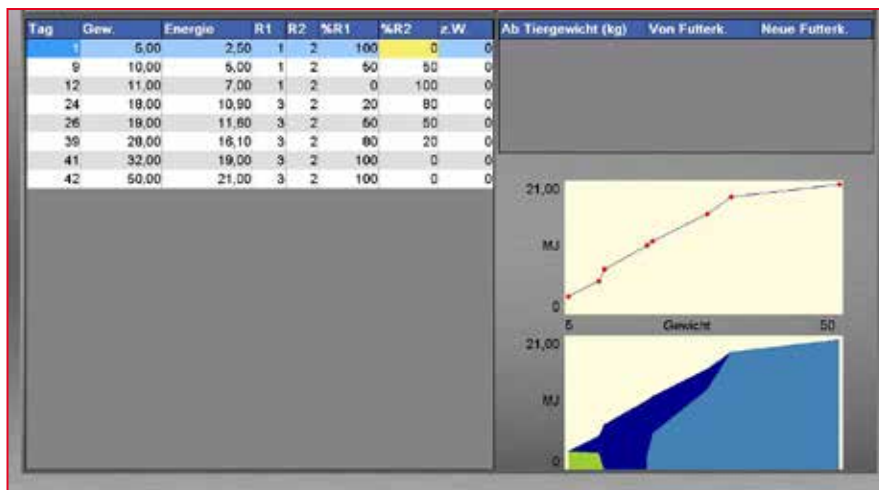
is designed for desktop use in the pig unit office and offers a convenient user interface featuring TFT colour screen, keyboard and mouse.

Both pieces of equipment feature industrial embedded boards. An integrated uninterruptible power supply ensures smooth operation.

Data is backed up using a USB stick.



The manual operation with status display means that you can operate and monitor individual pieces of equipment independent of the computer.



### SPOTMIX computers from Schauer

- stand out through premium
  - user-friendliness and
  - function and data reliability
- Sow management made easy!

# Making users friends



Box	Art	Anz	Gew
106	Mast	31	12,5
107	Mast	31	20,0
108	Mast	34	25,7
109	Mast	29	15,2
110	Mast	23	15,6
111	Mast	25	15,6
112	Mast	30	15,6
113	Mast	25	6,3
114	Mast	31	6,3
115	Mast	26	6,3

Ultramodern electronics for straightforward, intuitive operation

Some 35 years of experience and supreme competence in the development of hardware and software mean you are safe and secure and these also pay off when upgrading and retrofitting.

## The programs

New, improved Windows interface. A comprehensive suite of programs caters for all your requirements and fulfills expectations.

Whether it's putting your feeding strategies into practice, analysing and optimising your feed components properly or preparing and distributing recipes with precision.

- A sophisticated management package means you can evaluate your results in terms of economy and animal science
- An environmental package evaluates your nitrogen and phosphorous levels based on the feed used and fattening performance

In-house customer program training enables you to broaden your program expertise and exchange experiences with colleagues.

## The world of data communication

Remote operation and maintenance is possible thanks to modern interfaces via Ethernet, WLAN and the internet.

Data is stored in an SQL database and data export in XML or CVS format is integrated as standard.

In addition to this it is also possible to link up to well-known pig planners such as Agrocom, Agrosoft, BHZP, Landdata-Eurosoft, etc.

Future-safe and ISOagriNet compatible.



SCHAUER is committed to making its products user-friendly. Uncomplicated and flexible solutions save you a great deal of time, trouble and money.

## Pig Manager Mobile II The future has begun

With a standard series Pocket PC (PDA) or professional farm-compatible device based on Windows Mobile and featuring integrated individual animal recognition access to the central database of the feeding computer is direct via an Ethernet or WLAN network.

You have access to all key data as you move around the pig unit.

Quick changes or adjustments are possible at all times.

## Pig Manager Mobile II

Mobile pig unit management of the future has begun.

- Available as software for commercially available PDAs or as a high end device with stable casing, keyboard and TIRIS and ISO individual recognition
- Sow and fattening management
- Link to Spotmix software
- Compatible with other applications based on ISOagriNET

# The optimum feeding strategy



Individual, needs-based and animal-friendly

## Rationed feeding

Important for pig breeds which grow very quickly as they approach the end of the fattening period to avoid excessive feed intake ("luxury consumption") – especially in the case of male pigs.

Successful rationing is based on homogeneous animal groups, one feeding point per animal and simultaneous feeding. Exact rationing is also particularly important when feeding valuable breeding pigs.

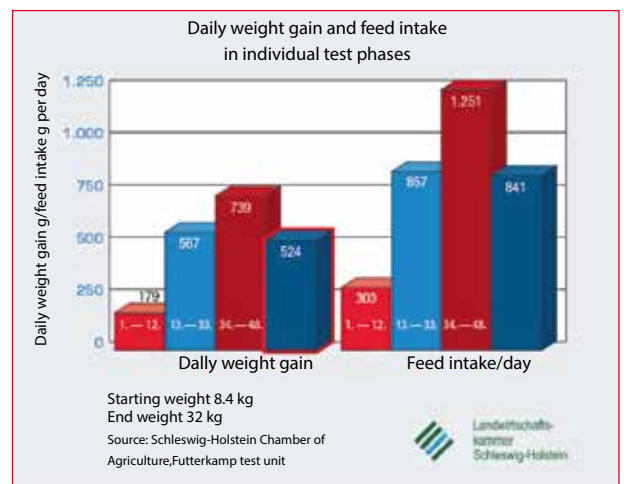
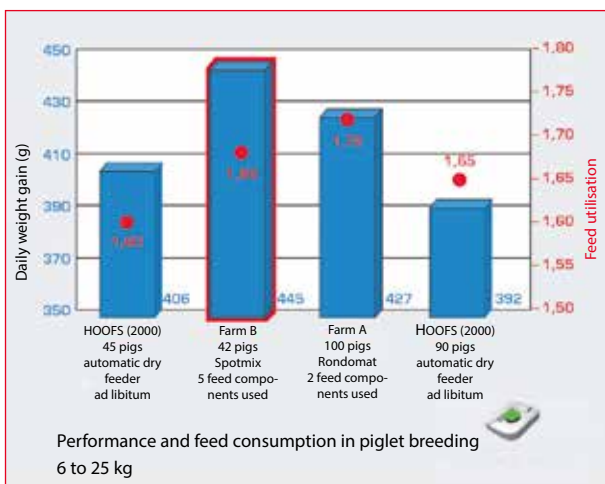
## Eating as required: ad libitum feeding

Here the fattening pigs/gilts are fed with lots of small portions until the point of satiety. This ensures optimum growth, especially in the initial fattening period. Trough sensors are used to check whether the trough is empty. It is refilled according to requirements and feed strategy. Using short troughs can save space and increase pig-to-pen ratio by up to 10%. This is also a good way of retrofitting existing facilities inexpensively and without having to rebuild.

## Multiphase feeding

... to optimise feed costs and growth performance.

Only with SPOTMIX is real multiphase feeding possible. The correct individual amounts and compositions of feed are mixed and distributed to each feeding point. Even very small portions – such as vitamins – can be dispensed residue-free and with precision. This gives you the perfect starting point for premium carcass quality.



# Spotmix feeds à la carte



Baby gilts – breeding pigs – fattening pigs



Baby gilts, breeding pigs and fattening pigs can be fed "residue-free" with a central feeding system.

## Automatic wet feed feeding when-rearing baby piglets – in rations or ad libitum

It has been proven that using a SPOTMIX feeding system can increase daily weight gains by 10 to 20% on average. **Automatic feed transition without additional automatic dry feeders!** SPOTMIX means that there are no problems in the transition from mother's milk to dry feed, thanks to wet feed and its improved digestibility. Especially when combined with sensor feeding, fresh feed is dispensed in small portions 10 to 12 times daily.

## Multiphase wet feed feeding for breeding and fattening pigs

Whether it's in the farrowing area, serving pen or waiting bay - only with SPOTMIX is it possible to fulfil all aspects of modern stock keeping without making compromises. The storage tank of a Compident electronic sow feeding station or automatic feeders (Haus Düsse exhibition) can also be filled by cyclone.

Using a special feed distributor the feed can be dispensed with an animal to feeding point ratio of 1:1, even in the case of long troughs. The contents of the stainless steel trough are eaten so it is empty in the meantime and kept clean, thus ensuring perfect feeding hygiene.



NEW

## SPOTMIX long trough distributor

For group-rationed feeding with sows in the waiting bay. Sow groups up to 16 animals per valve possible.



## SPOTMIX earns money

- Feed cost savings thanks to optimum feed mixture and better feed utilisation (0.1 kg = +€1.5/ fattening pig)
- Higher turnover rate through higher daily weight gain (+10 g = +€1.5/fattening pig [with CM €25/ fattening pig])

# SCHAUER stands for quality



... and is there to help out and offer advice when needed

## SCHAUER power: development, planning, production & installation from a single source

Our own large electronics department develops and produces computers, control electronics and control cabinets. The engineers and information technology specialists in our in-house hardware and software department ensure you have the lead through constant further development of the electronics and the programs.

With over 300 employees **SCHAUER** offers an extensive range of services and products with sustainable quality. More than 40 engineers and specialists work in the heart of the company on the development and manufacture of the electronic systems. Their experience, their ingenuity and their quality awareness are a deciding factor in the success story of **SCHAUER**.

## The SCHAUER electronics team and their guiding principles

- We are SCHAUER Agrotronic
- Our systems are economical & animal-friendly
- We are fully committed to our customers – through enthusiasm for a successful future

## Everything from a single source

In action 24 hours a day, 365 days a year – our products do not know what downtime is. The high vertical integration and our own development of hardware and software mean you can count on this outstanding performance. Whether it's software, hardware, CPU boards, assembly or installation – we do not leave anything to chance when it comes to reliable and professional electronics!

The subsidiaries of SCHAUER in Germany, Switzerland, Slovakia, Croatia, Italy, Romania, Ukraine and Russia, the many representatives and service centres in Europe and overseas from Southeast Asia to North and South America assure you of support and fast service.



SCHAUER feeding technology brings together decades of experience and state-of-the-art technology. The success of our customers proves us right. Take advantage of the lead and give us a call!

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