

Pig stables



More successful with professional and animal friendly pig farming





Perfect Farming Systems

Sophisticated concept
From planning to implementation

	Content
	<i>Housing</i>
<i>Service centre and boar pens</i>	Intensive service centre – single crates 4
	Intensive service centre – group housing 5
	<i>Gestation</i> – group housing 6, 7
	<i>Farrowing</i> Farrowing crates 8
	New free farrowing pens 9
	Floors and slats 10
	Troughs and heating systems 11
<i>Piglet breeding / Fattening</i>	Floor systems and NatureLine 12
	Support and partition wall systems 13
	<i>Feeding</i>
	Dry feeding systems 14
	Automatic feeders 15
	Multiphase feeding systems 16
	Feed troughs 17
	<i>Climate and ventilation</i>
	Climate and ventilation systems 18
	<i>Accessories</i>
Drinking systems, water medication and compartment partition walls	19
Silos, manure technology and materials to manipulate	20
	<i>Planning and prefabricated barn</i>
Planning and a concept of prefabricated barn	21

Insemination centre – single crates



Short intervals between litters – key to success!

Convenient for insemination crate

Tested by BAL-Gumpenstein!

The functionality will exceed your expectations!

- individual lock can be easily operated with just one hand, with free access to a sow, especially suitable for artificial insemination and easy pregnancy detection with scanner
- crate width 55 - 70 cm
- quick assembly through fastening of partition walls with dowels or by screws to the slatted floor
- for animal welfare appropriate shape of partition wall, with browsing protection in the front area

Cast iron slats with a slit for dung



Boar gate

for targeted stimulation of sows

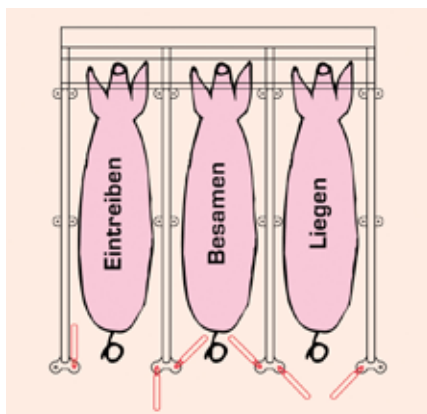
Boar pen

- Profi support system for flexible application
- 125 cm high with either 5 mm galvanized finish or 3 mm stainless steel



Front door for turning out

practical and space-saving



Insemination centre – group housing



You hold the key to your success – we'll help you to win it!

BH-Box – convenient for insemination free access crate

- for the combination of service centre and waiting house
- optimal functionality with integrated operating door
- optional: automatic locking with a pneumatic cylinder
- guaranteed possibility of back run for sows by means of back run lock



Swing free access - for simultaneous feeding of sow groups

- sturdy and long lasting construction, fixed on both sides, when closed.
- functions: free movement for group housing, catching when entering and fixing for feeding
- perfect for small groups from 6 to 15 sows



Gestation – group housing



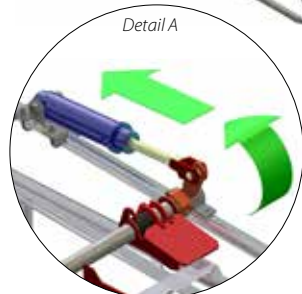
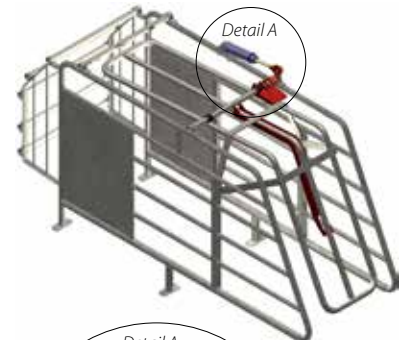
For stable small groups – tried-and-tested crates for new and reconstructed houses

free access crate

simple and safe

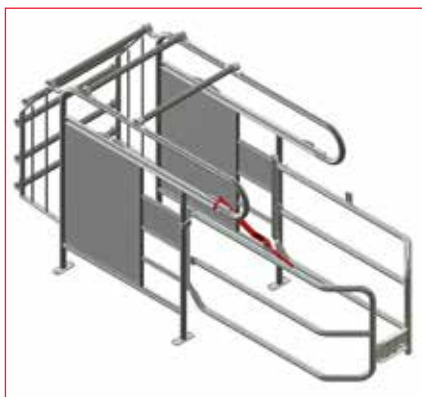
- recommended for small stable sow groups
- perfect functionality with individual and group locking / unlocking
- optional: automatic locking with a pneumatic cylinder (time-controlled)
- guaranteed possibility of back run for sows

Detail A - automatic lock



Basket crate

- for the combination of service centre and waiting house
- optional with automatic opening of groups
- space saving due to the basket that pivots up



Feeding place divider

optimal for sow stable small groups

- with Quickfeed dry feeding
- optional with longitudinal trough liquid feeding
- optional with Spotmix longitudinal trough distributor up to max. 16 sows / double trough



Gestation – group housing



With animal individual feeding to the sows conditioning and feed costs optimisation

Compident Electronic sow feeding for stable and dynamic large sow groups

- up to 80 sows/station
- individual wet feeding due to the reliable animal identification with TIRIS and ISO-transponders
- flexible use in new and existing houses on the straw, partially slatted and perforated floor
- automatic animal selection facilitates animal management
- optional with animal weigh scale for individual feeding according to the animal condition

Smart Control

- Compident Topo: sensationally userfriendly feeding computer
- Smart Control: Android App for manual control of feeding station.
- Pig Manager Smart: for access and remote control of TOPO feeding computer.
- IsoAgriNet compatible



Compident Smart

- robust feeding station is suitable for large groups of 20 to approx. 60 sows
- pneumatically operated entry door prevents the multiple occupancy by the sows in an optimal way
- detached tubes at the exit gates do not allow the sows to enter the station from the outlet side
- the trough and bottom-near frame parts of the station are made of robust and durable stainless steel



Farrowing - Farrowing crates



The best farrowing crates for your sows and piglets

Farrowing crates

- for straight or diagonal design
- individually adjustable in width and length
- less piglet losses due to the built-in protective bracket
- combinable with the different types of troughs

Farrowing crate Vario multifunctional

- self-supporting construction
- height adjustable without tools
- can be folded up



Farrowing crate Profi functional and efficient

- self-supporting construction
- operational door at the back (specially for the assistance at farrowing)



Farrowing crate Kompakt especially cost-effective

- freely installable construction
- optionally with the front exit



Farrowing - New free farrowing pens



CombiBox and BeFree

Farrowing pen CombiBox

is the successful synthesis of the optimal animal welfare for the sows and protection of the people and newborn piglets from the sow at the same time. Special attention has also been paid to the optimal working comfort and pen functionality.

If the protective crate is closed:

- trough: access and cleaning from the service aisle is easily possible
- if the protective crate is closed, there is no difference to previous farrowing crates; no raised walls needed
- > only 50 cm high walls to the gangway!

If the protective crate is opened:

- additional, divided door is swiveled in a gangway direction
- maximum possible area for a sow when the protective crate is opened
- opening and closing of the protective crate is possible via lever from the piglet nest, you don't need to enter the sow area; the plastic roller installed on the protective crate is also helpful here
- specially developed protective bar for the piglets safety!

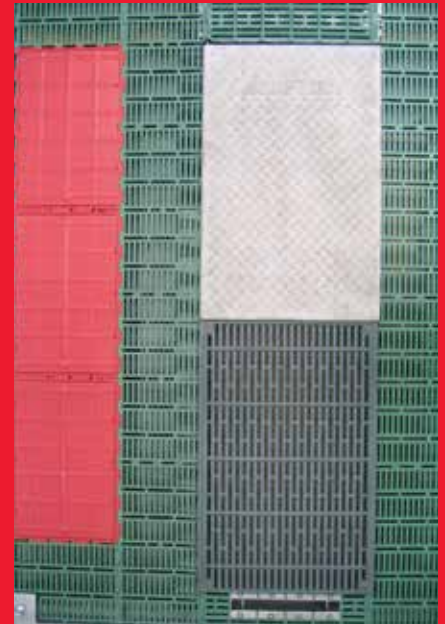
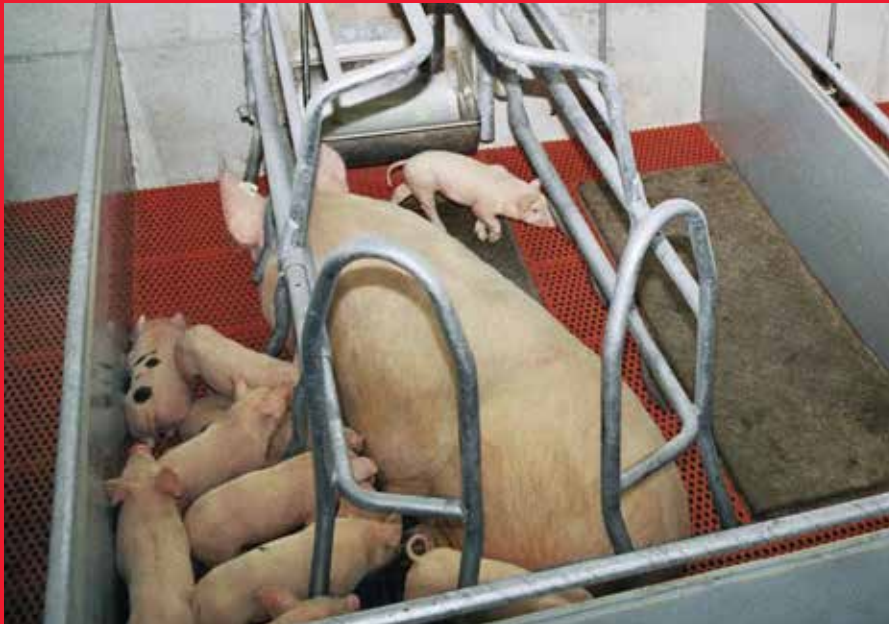
BeFree - farrowing can be so easy!

- full-featured piglets protective crate (width is flexibly adjustable)
- maximum freedom of movement after the crate has been opened
- fixed lying area
- cleanliness due to the optimal floor design
- no dead corners and areas
- simple locking and highest personal protection
- operation of the main elements from the gangway
- proven piglet nest with the possibility of locking, optionally with cover
- feeding place with combination of ad libitum dry feed and straw automat

Please also see our special brochure about **WelCon Bio farrowing pen!**



Farrowing - Floors and slats



Floors with warmest recommendation

Tenderfoot

PVC-coated mesh slats

- no edges or corners and therefore especially animal-friendly
- ideal stand for piglets
- modular construction
- cost saving for supporting construction



NEW

Insert solutions

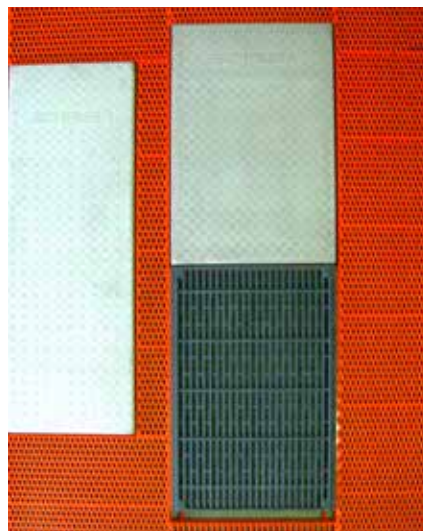
For sow welfare now also as concrete constructions available

- cast iron insert
- concrete insert (for optimal stand of the sow)
- triangular insert

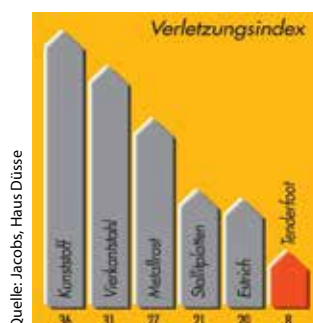
Heating

with hot water or electric

- straight: 150 x 50 cm or 150 x 40 cm
- diagonal: 130 x 90 cm



Tenderfoot slats improve your breeding results!



MIK slat system

For more than 45 years it has been a leader for plastic slats. Best quality and extensive range of accessories.

- exceedingly long service life
- particularly animal-friendly
- effective mounting
- cost-effective operation
- extremely high load-bearing capacity

Solid Set farrowing slats

Excellent stable surface for a sow, exceptionally cost-effective.



Farrowing – Troughs and heating systems



Functional and labour-saving construction details

Design details for every requirement

Types of trough
suitable for every farrowing pen

• polymer concrete corner trough



• stainless steel corner trough



• polymer concrete trough



• plastic trough with bite protection



Stainless steel tipping trough

Labour-saving & functional

- with convenient fastener
- reliable in function and quiet

One-hand operation with additional lock
Operation from above



Trough locking also when it is open



Energy-saving heating systems

With hot water or electric

- plastic: 60 x 40 cm (modularly expandable)
- concrete: 180 x 40 cm



Piglet breeding / Fattening – Floor systems and NatureLine



...and your piglets are in the best of company

Floor systems for piglet breeding

MIK plastic slat systems

- with hot water or electric heating
- best quality and extensive accessories
- particularly animal-friendly
- cost-effective operation



Concrete slat systems

- Solid Set Hybrid concrete
- concrete slats

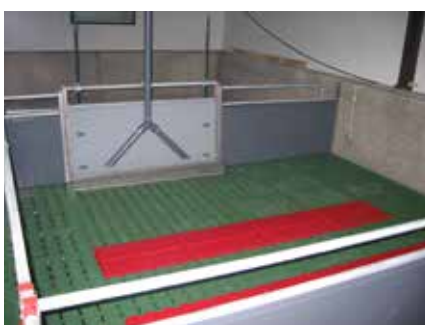


Nature Line pig farms are especially animal-friendly system solutions for conventional or organic farms.

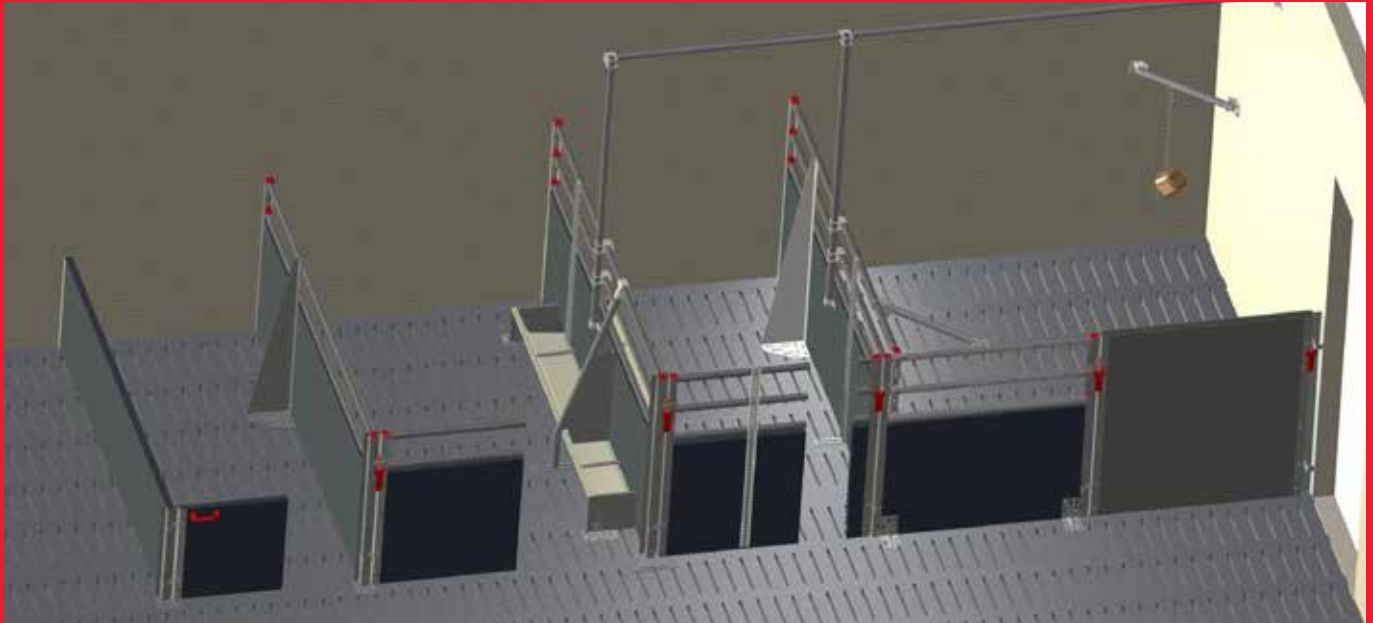
The construction details of the pig house equipment are essentially identical. In any case, the NatureLine pig farming systems ensure energy-saving and profitable pig production, whereby the animal performance potential will be optimally used up. See also the special brochure Nature line.



Zone heating



Piglet breeding / Fattening - Support and partition wall systems



For growing and fattening pigs

Schauer Click housing system

- ideal system of stainless steel upright supports for piglet breeding and fattening
- standard heights of 83 cm for growing piglets and 100 cm for fattening pigs
- optionally: trough and partition wall height can be increased up to 15 cm
- particularly hygienic
- operating lever and locking device in one
- neat locking with a tube expansion dowel

reliably functioning one-hand operation



Partition wall systems

- farrowing: 50 cm in height
 - piglet breeding: 83 cm in height
 - fattening: 100 / 115 cm in height
- flexible floor fastening with stainless steel plate



special tube adapter



„Profi“ housing system

Functional and solid upright support system for pig breeding stables made of stainless steel or galvanised.



Dry feeding systems



Highly recommended for carefree operation for hygiene reasons!

Dryfeed - dry feeding system

Schauer chain conveyors are characterised by particularly robust, durable and service-friendly construction and components:

- conveyor chains made of special hardened steel and reinforced drive plates
- corners with shell and inner wheel made of especially wear-resistant glass-fiber reinforced polyamide or in a cast version
- stainless steel drive station with a double protection system
- various receiving hoppers made of stainless steel for every application



Innovations for easy and cost-effective multiphase dry feeding

Volume feed dispenser

- easy to handle
- closed construction
- easy cleaning

Hygiene routine for dry feeding systems

Better feeding hygiene -> healthier animals!



Automatic feeders



Functional and affordable

Dry feeding systems

Dry/Wet- Feeders

Profimat

- for flourey or pelleted feed
- patented trough shape
- optimal feed hygiene
- 66 cm system width for piglets
- 79 cm system width for finisher

Optimat

- for flourey or pelleted feed
- separated feed bowl and water trough
- optimal feed hygiene
- 53 cm trough diameter for piglets
- 76 cm trough diameter for finisher

For further information see our special brochures

Multimat - CCM dry/wet feeder
suitable for feed with up to 70% CCM



Maximat

Dry feeder

- 85 - 125cm
- can be used for 7kg -120kg live weight



Profimat piglets



Profimat finisher



Optimat piglets



Optimat finisher



Perfect multiphase feeding systems



especially for wet feed-components (CCM)

For sows, piglets and fatteners



Spotmix – Multiphase feeding system

The undisputed professional in a feeding technology

- best possible hygiene
- best possible flexibility in use for pig farming
- perfect multiphase feeding system
- new: communal trough divider for liquid feeding in a waiting area

From all-rounder to the ALLROUND-feeding professional

- feeding places can be adjusted for the automatic feeders filling with the dry feed or for mushy to moist feed consistence per feeding place
- feeding almost without residues with the feeding places up to 200 m away
- scales balance error with a resolution of +/- 10 g
- minimum feed quantity of 1 kg per feeding place
- feeding performance of more than 600 kg dry feed/hour

Liquimix – liquid feeding system

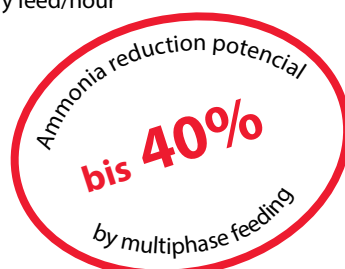
Through continuous improvements and further developments the Schauer liquid feeding system is especially efficient. Thus the feed conversion is more efficient too compared with the dry feeding and the feed losses are reduced.

More than 40 years of experience with liquid feeding units guarantee the highest functionality and operational safety.

- excellent tank hygiene management
- flexible feeding systems for all requirements
- non-residue feeding systems without service water tank
- systems for ad-libitum or restrictive feeding
- durable and low-wear feeding components



Tender-CCM storage tank
made of stainless steel, up to 8 m³ of storage volume



Source KTBL Deutschland (Eurich-Menden et al. 2011, VDI 3894/1)



Feed troughs



For sows, piglets and fatteners

Troughs for liquid feeding

Sensor short trough

- made of stainless steel



Communal trough

- made of acrylic concrete and stainless steel
- optionally with stainless steel border for dung against dirt

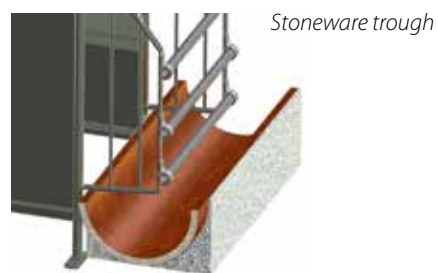


Stainless steel round troughs

- optimale feed distribution
- 60 cm diameter for piglets
- 80 cm diameter for fatteners



Sow troughs



Climate and ventilation systems



Systems for energy saving and a deep breath - for human and animal health

Air supply

Pore ventilation proven over decades as well as modern alternatives to take a deep breath

Porous ceiling system

- absolutely draught-free air supply, even when outside temperatures are extremely low
- ceiling insulation, thus minimum building costs, at the same time
- traditional magnesite bonded wood wool slab or GFK trapezoidal profile for particularly easy mounting and cleaning
- diverse air ducts with controlled exhaust valves bring fresh air to the animal's nose



Control technology

Ventilation and climate control systems with highest operating comfort

Climate Control SLC-3005/10

Central ventilation computer for 10 compartments

- Mikrofän climate computers with data interface to FarmManager
- central computer for 10 compartments/ individual or central suction
- overview of all compartments at one glance
- simple operation due to the windows-like menu navigation
- graphical representation of all data in view of compartment
- inlet for a humidity feeler
- outlets for heating and cooling
- possibility of great electricity savings due to the use of frequency converter



Cooling

So that animal and human can breath easily even on hot days

High and low pressure spray cooling avoids heat stress at high temperatures

The effect of cooling in case of high pressure cooling system is up to 10 °K, with low pressure cooling system - 4 – 6 °K.

Cooling panels Cool Pad

- cooling down up to 10 °K is possible
- higher daily weight gains
- fewer failures, heat stress
- lower acquisition costs



Drinking systems, water medication and compartment partition walls



For the welfare and health of pigs

Drinking bowls for farrowing



Medication pump

For medications, vitamins and disinfectants dosage (dosing quantity 0,2 % - 2,0 %)

- water flow rate (min. 9 l/h - max. 3500 l/h)
- liquid feed medication in case of Spotmix multiphase feeding
- drinking water medication (alternatively 1-10% is possible)

Water is the most important feed – sufficient supply as well as an optimum hygiene are the key success drivers!

Compartment partition walls

50 mm PVC profile with stable Click connection: exceptionally scratch-resistant surface



Nipple and bowl drinkers



Accessories



Greater comfort for humans and animals

Silos

Polyester silos



Trevira silos



Manure technology

Stalkamp manure pumps



Flygt agitator



Manure removal accessories

- Slurry flushing valve
- flushing channel valve
- liquid manure piping
- manure plug

Materials to manipulate



Our overall concept for your pigsty:

- Flygt and Stallkamp manure technic
- perfect multiphase feeding systems for liquid, dry and mush feeding
- Schauer ventilation control for pore and trickle ventilation with under and/or above the floor air exhaustion, individual and central ventilation systems
- Delta-tube heating and floor heating plates with heating control
- Delta synthetic concrete slats for piglets: Solid Set
- special cast iron slats for pigs

Planning and prefabricated barn



Experience und innovation for individual barn construction solutions

Efficient planning concepts with guarantee to successful project implementation

As a rule - standardisation as much as possible, however it is also important to note, that no barn is identical to the other. No matter whether new buildings, conversions or additional constructions shall be adapted to the local conditions, personal or functional customer's requirements, Schauer Agrotronic has the necessary know-how for the successful planning and implementation of your pig barn project.

Professional detailed plans:

- concrete placing and conversion plans
- sectional drawings
- Installation plans
- installation sheets and mounting instructions

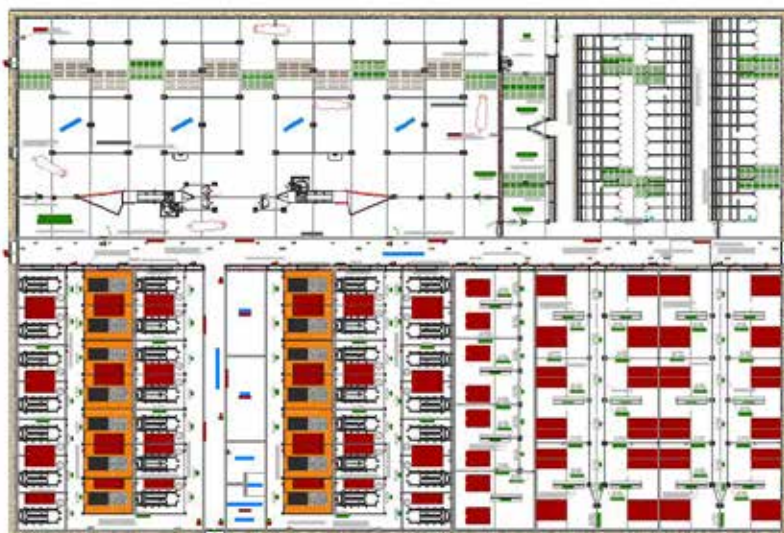
Prefabricated Module barn system in top quality

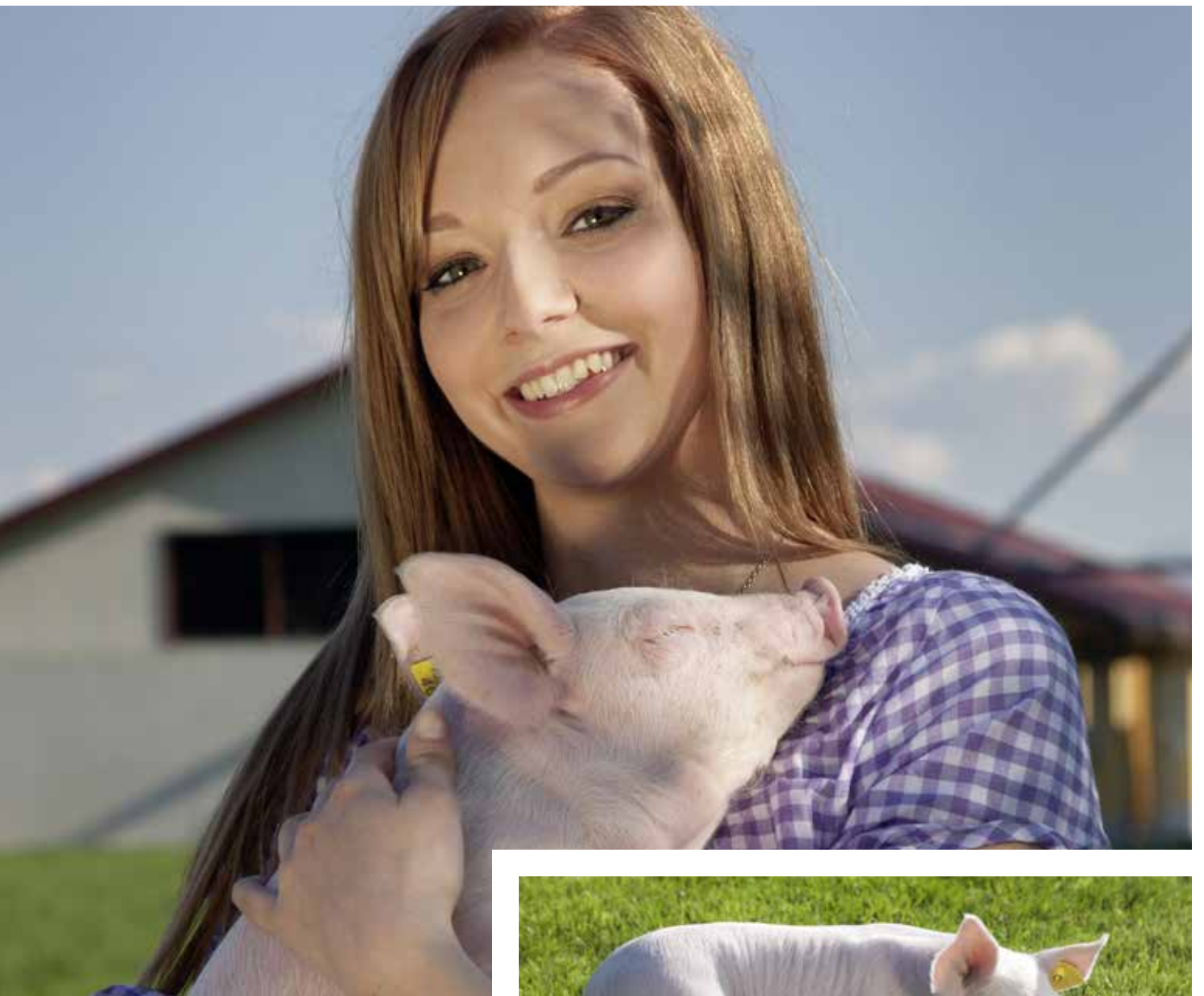
Master builder barn with singled out architects and building companies near you: Duo Module System from Wolf System in Austria

Our concept of prefabricated barn for pigs of high quality all along the line! The building is executed by using massive concrete prefabricated components with 10 cm insulation. In order to improve the durability the stainless steel connections are also used. The feeding of supply air takes place through the porous ceiling from the insulated roof space. The entire house technology consists of the proven components from the product range of Schauer Agrotronic.

Prefabricated barn systems with the concrete sandwich elements in Germany

The increased use of the concrete prefabricated components for the agricultural constructions is gaining more and more popularity. A reliable partner, which assumes total responsibility, from planning and to the execution of construction work, is therefore essential. Schauer Agrotronic works in company with the well-known hall constructors throughout Germany in order to be able to provide you with the concrete prefabricated parts systems with double-layer insulated walls for rapid building progress for your pig house in a high quality.







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