

Housing of pigs from beginning to end



GENUGTEN AGRI BV



www.genugten-agri.com

Genugten Agri B.V. offers a complete range of materials and systems to pig farmers who are building or renovating their farms and to the contractors and suppliers involved. We supply complete sewage and slurry systems for the substructure. In addition, we can build the pits and supply the slatted floor elements. And we supply the complete steel structures, roofing sheets, insulation and ventilation ceilings for the superstructure. Finally, Genugten Agri B.V. supplies all stable equipment, the water pipes and various ventilation and heating systems for inside the building. All the materials and systems are cleverly designed down to the smallest detail and they are your guarantee for profitable production.

Pits/substructure

Building a pig house usually starts by installing the sewer system for slurry disposal. Genugten Agri B.V. can provide you with all kinds of slurry systems with plugs and valves, in keeping with statutory requirements. The pit walls are often poured concrete, but of course the pits can also be made of a concrete brick masonry construction. In addition, we supply a wide range of concrete slats, slabs and other prefabricated concrete products.

Steel, roof and wall structures

Genugten Agri B.V. delivers complete steel structures with timber or steel purlins. Various types of corrugated or profiled steel sheets can be used as roof covering, as well as traditional corrugated fibre-cement sheets. All kinds of insulating materials are available for roofs, such as glass wool blankets and PU and PS insulating sheets. The use of sandwich or eco panels is also possible, enabling wider purlin distances. Precast insulated concrete walls, as well as steel profiled and sandwich panels, are often used to

construct the outer walls. Traditional masonry walls can still be opted for as well, but their price is higher. The inner walls can be made from several kinds of plastic sections. A very popular and sturdy inner wall construction is created by installing 50 mm thick precast concrete slabs up to a height of 1 meter and then combining them with plastic sections.

“Soft-Air” ventilation ceilings

A good climate is vital for healthy livestock. Our many years of experience with ventilation ceilings are a good guarantee for an optimum system. Genugten Agri B.V. supplies profiled polyester sheets, with an 80 mm thick glass wool layer on top of them, for these ceilings. The net open area of these profiled sheets is 3.5%, which is more than enough for any kind of animal. To tailor the “Soft-Air” ventilation ceiling even better to the different types of animal and animal house, sheets with partially closed sections can be supplied.



Closed concrete slabs combined with triangular steel grates with a manure valve for use in the gestation room.



Steel purlins enable a greater span. The precast elements have a very high insulation value and enable pig houses to be constructed in a very short time.

“The use of a modular construction method enables Genugten Agri to build your pig house fast and at a competitive price”



The plastic "Soft-Air" ventilation ceiling is easy to fit and has a very long service life.

The slots in the profiled sheets are only 3 mm wide, to give the air sufficient speed to mix with the air in the house, even in the event of minimum ventilation. An added value of these little slots is that they enable the ceiling to be cleaned with a pressure cleaner without damaging the glass wool on top of the sheets. The 80 mm thick glass wool which forms part of the "Soft-Air" ventilation ceiling is an extra high grade and is treated with silicone to maintain the glass wool's resilience. In addition, the glass wool is provided with a moisture-repelling skin on its underside. This glass wool has amply proven its durability during many years of use. Genugten Agri B.V. delivers the ventilation ceilings with all the necessary installation materials and fasteners and can completely install them if required.

Pig house interior

Besides a competitive price, ease of use and durability are prime factors for the choice of pig house interiors. Thanks to our many years of experience on our own pig farms,

Genugten Agri B.V. can supply pig house interior finishing products with an optimum price/quality ratio. Many different house interiors can be configured for porkers and piglets, according to your wishes, combining concrete, Trespa and plastic in galvanised and stainless steel sections if required. For piglet pens we supply 100% polypropylene slatted floors with a good manure let-through capacity. These floors can also be delivered in closed versions. Farrowing pen interiors come in different designs, with or without solid-rod-finger side rails, protective rails, adjustable bow bar etc. enabling the ideal interior to be configured for all applications. And we import the special "Soft-Floor" slatted floors from Italy, specifically for use in farrowing pens. These fully coated floor elements have a soft Platisol coating and are combined with extremely sturdy cast iron grates for placement under the sow. Various sow crate designs are available for housing pregnant sows and for use in the A.I. rooms, next to group housing interiors. Furthermore, Genugten Agri B.V. supplies concrete slatted floors for sows and porkers. These floors, which can be partially closed, are often combined with triangular steel grates and increasingly often with cast iron grates thanks to the attractive price of these grates.



This piglet room consists of groups of some 50 piglets each and has two automatic dry feeders with two types of feed each. The light colours make working in the rooms and checking them more pleasant.



The latest new systems are tested at the Theeßen sow farm with its 1500-sow capacity. This is a room for 360 pregnant sows with slop feeding and 'saloon boxes'.

"Our interior finishing products are cleverly designed and thoroughly tested on our own farms"



The combination of slatted floors with a soft coating for the piglets and cast iron grates under the sow is the best farrowing pen floor system.

Ventilation systems

The combination of a good extraction system with a "Soft-Air" ventilation ceiling enables a good climate in the house. We supply all the necessary monitoring and control units, tubes, fans and climate control computers for both central and direct extraction. We use tubes of diameters up to 92 cm, with 4-cm thick insulation to prevent condensation. These tubes fit on all roofs.

Heating systems

Because a good heating system is indispensable to ensure an optimum climate during cold periods, Genugten Agri B.V. supplies all materials for central heating in pig houses, including twin pipes and diffusion-tight hoses as our main central heating products. The twin pipes can be used virtually anywhere, in the air channel, directly on the wall or under the ventilation ceiling. We can calculate the required heating capacity per room for you and, if applicable, for the entire farm too.



Construction coordination

No matter how good a plan is, its success depends on its implementation. Genugten Agri B.V. provides supervision and advice from idea to completion. That gives you the certainty that the pig house will fully satisfy your wishes and requirements, and that you can produce at low cost for many years.



A "Soft-Air" ventilation ceiling with twin pipe heating pipes and a "cool nose" system, for an ideal climate year round!



We built this farm with a capacity of 6,000 piglets and 2,500 porkers.

GENUGTEN AGRI BV

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