SKIOLD pig farm projects
– solutions for the world’s greatest pig farmers
Customer satisfaction

Our ambition is to build a lasting relationship of trust with each and every customer.
Profit-driven success in pig production

Increased profits and efficiency combined with better animal welfare are the key factors for success for SKIOLD’s customers within pig production all over the world. Our customers – or as we prefer to see them – our partners choose to work with Danish-based SKIOLD due to our extensive experience within the design and production of state-of-the-art pig farm machinery.

Partnering with us, you not only get the most modern technology available within pig farming, but also access to the most experienced experts in the market. In short, you can have a complete pig farms delivered anywhere in the world. A SKIOLD solution includes equipment for dry and liquid feeding, transponder feeding, penning, climate control, farm management (production), education and digital farm management systems.

Dry and liquid feeding
Independent of your demands for feeding, SKIOLD supplies a wide range of feeding equipment. Whether you prefer dry or liquid feeding, SKIOLD supplies an optimal and cost-efficient solution based on life-long knowhow within feeding systems based on modern technology.

Our feeding systems are designed to match the specific need in all sections of the pig farm. For free pig housing, SKIOLD Electronic Sow Feeding is the optimal solution developed on the basis of more than 30 years of experience. Should you demand electronic supervision, data communication, and real-time information about operation, SKIOLD will meet your demands for both present and historical data about your pig production.

Customized housing design
Hygiene and animal welfare provides better result as it ensures better animal health and a trouble-free workday for the farm manager and staff. SKIOLD has penning systems for each section of the pig farm designed to increase production efficiency due to careful layout of the entire farm complex.

Climate control
Independent of the climate in the area where the pig farm is situated, SKIOLD has the experience required covering all clima types from the hottest areas to the coldest. Farms operated in extreme climates, e.g. tropical areas with a hot, humid climate can be tailored on the basis of thoroughly tested components. All components and modules of a SKIOLD solution comply with demands for optimal climate in the pig houses for both animals and employees made by modern pig breeders all over the world. You will be the owner of a farm complex created with a view to minimizing energy consumption and optimum indoor temperature in all climates.

Optimal and cost-efficient solution based on life-long knowhow within feeding systems based on modern technology.
Logistics between all sections is considered carefully when laying out the entire farm complex to ensure that production and daily operations can be carried out as efficiently as possible.

**Mating control area**
- Individual feeding
- Partly or fully slatted floor
Pigs stay for up to 5 weeks in this section.

**Boar service area**
Boar pens with closed or open partitions depending on ventilation system. A boar has a tremendous influence on a farm’s productivity and profitability. In order to maximize the herd’s performance boars should be given careful attention. It is imperative that the boar pen is well ventilated and draught free as boars are alone in their pen and have little fat cover and therefore little protection against the cold. If the temperature is too high it will affect the semen quality in a negative way, and can make the boar infertile.

**Gestation section**
- Group housing for sows
- Electronic Sow Feeding, individual or group feeding
- Individual boxes
- Free access stalls
- Partly slatted floor
Pigs stay minimum 11 weeks in this section.

**Farrowing section**
- Farrowing crates and piglet nest for piglets
- Partly or Fully slatted floor
- Heated piglet zone

This way, you achieve the most efficient and future-proof solutions that are sustainable and provide you with full traceability from feed to meat.
Pigs stay 4 weeks or more in this section. Meet the recommendations for frequent feedings that ensure that sows get up to eat fresh feed and are kept in good condition to avoid injuries and to optimize reproduction. In short, to ensure health, welfare and optimal production profits.

Weaner section
- Flooring can be partly cast-iron or fully plastic slats
- Dry or liquid feeding
- Up to 25 pigs per pen
Pigs stay 8 weeks here.

Pens made with closed or open partitions depending on choice of ventilation system. A cover in the back of the pen secure optimum climate in the pen. A Maximat feeder for ad lib feeding placed in the partition between pens. The feeding system can be single line, double line, phase feeding or multi phase feeding for those who really want to optimize feeding strategy.

Finisher section
- Partly or fully slatted concrete floor
- Dry or liquid feeding
- 20-24 pigs per pen

Pigs stay in this section until they reach slaughter weight depending on market demands. Pens made with closed or open partitions depending on choice of ventilation system. With a Maximat feeder placed in the partition between pens, the pens can hold a maximum of 20 pigs.

Quarantine section
- Transit area
Lay-out and feeding system identical to the previous sections to ease the adaption by the animals after transit from previous section.

Training & education
In order to guarantee you with the best initiation after completion of your pig farm, staff and farm managers are trained thoroughly in the daily use, cleaning and maintenance of all SKIOLD equipment and systems.

Training is a combination of theoretical and practical training and involves all levels – from production staff to farm managers. The training is customized to the skill level of your staff and covers all aspects of the successful operation of both equipment and of the production itself based on best practice from our customers all over the world.
SKIOLD digital farming

SKIOLD digital universe guides you in every day work based on real-time data knowledge and gives you complete insight to make intelligent business decisions.
Efficient daily operation based on real-time data

Transparency and full traceability of all processes of production is key to successful pig farm management. SKIOLD provides you with a modularized farm intelligence system that can be set up to meet your demands for data. A personalized, role-based user interface allows you, farm management and staff to get insight into different aspects of operation.

At SKIOLD we have a vision to build an intelligent data platform for agriculture and give you total control anywhere - at any time - covering all elements with impact upon the productivity and quality of your agricultural business. SKIOLD digital® enables you to face the increasing challenges now and in the future.

Intelligence & analytics farm management system

One system that gives you overview of the entire farm or production facility. All production data in gathered in one single management platform for your comprehensive analysis and daily management of all aspects of your production. This assists you in performing better as you have instant access to real-time data about everything from feed and climate to animal performance.

Data will give the operator the necessary overview and possibility to optimize every step of the workflow and allows you to monitor your production, compare performance between production units and forecast production as well. All data is available in one system, ending the hassle of harvesting data from different systems. Full overview is crucial for optimal results and returns on your investment.

With our new application you will be able to meet the future standards of efficient and sustainable agriculture through perfect management of grain, seed, feed, animals, people etc.

Traceability

Traceability is a crucial part of the modern food industry and SKIOLD digital enables tracing through the entire supply chain – from farm to fork. With SKIOLD digital you are in control through the entire process.

Animal welfare

With SKIOLD digital® you can control that the animals are fed with the precise feed quality and quality they need for optimal growth. Easy and effective monitoring makes it possible to follow the animals growth and wellbeing and make improving of animal welfare even easier.

Full overview is crucial for optimal results and returns on your investment.
Innovation made simple

We constantly develop new solutions and equipment to improve your productivity, making farming easier and to reduce your energy consumption thus maintaining a simple and user-friendly system.
How we work - your benefits

SKIOLD offers a full-service concept - from analysis to the delivery of a turn-key, future-proof pig farm worldwide. Our goal is to deliver the optimal solution, and we involve both in-house and world leading experts.

Cost-benefit thinking works
Thinking cost-benefit on your behalf is one of our most important responsibilities in our approach to fulfill your requirements. Your future results are our goal and we do everything in our power to live up to your highest expectations.

Cost-benefit analysis
The first step to the delivery of a successful SKIOLD solution is a cost-benefit analysis focusing on your needs and future goals. We develop new facilities from scratch or optimize existing facilities.

Project proposal
During the entire process we maintain a close dialogue with your concerning questions and critical issues that may arise. Rest assured that our extensive experience allows us to foresee many of them beforehand.

Conclusion of contract
You will receive a project proposal including drafts of your farm project. A detailed, written contract ensures that we have considered all elements of the project. The contract is the basis for a smooth project process and reduces the risk of unexpected costs.

Project engineering
Thorough project engineering is fundamental for success and we assist during the entire process and have the qualifications to see the project all the way through. We convert your requirements into a solution tailored to your specific needs.

Manufacturing
Costs are kept low and the repayment period for the investment is shortened as we primarily use SKIOLD standard modules manufactured at SKIOLD-owned factories in Europe when building your pig farm.

Supervision, installation & training
Our experienced supervisors manage installation to secure that installation is efficient and well-coordinated, and they carry out quality control of the entire installation. When installation is completed, your staff will be successfully trained in the operation and maintenance of all equipment.

Long term partnership
We aim to be a long-term partner and are available with on-line and on-site support, supervision and service during operation. We take responsibility - a SKIOLD project is not completed until the pig farm is operating satisfactorily. And even afterwards, we can provide education in on-farm management, continuously education of staff, analyzing digital outcome, further development of the farm.

Performance indicators from our customers success after choosing a SKIOLD solution, i.e. more than 30 pigs per sow per year.
Our commitment is your success

Our exclusive technology coupled with our immense commitment to your success makes the difference and offers you a competitive advantage.

Designed for complete overview, superior animal welfare, high level of biosecurity and excellent working conditions

Our road to success as a supplier is measured by your success as a pig producer. The majority of our advisors, technicians and engineers have personal experience with working in pig farming. Thus, you will deal with people who understand the tasks you face and who know what is important for you.
SKIOLD CASE

• Project based on 1,250 sows in full-line production
• Production based on the all-in, all-out principle
• High level of biosecurity with double fencing, entrance with showers, no external transport inside the farm and disinfection before entering the farm of both animals, people and material
• Feed mill is located in the farm complex for easy internal feed transport to all sections of production
• The feed mill can be placed elsewhere and feed will then be stored in outdoor silos at the end of each building

YOUR FUTURE SUCCESS

• High quality genetic
• Improve management
• Optimal climate
• Correct housing & equipment
• Correct feeding strategy
• Environmentally friendly
• Ensure biosecurity keep the herd safe and productive

Optimal pig flow throughout the process ensures sustainability and traceability.
Secure high food safety

A SKIOLD feed mill is your shortcut to a nutrient, cost-effective feed supply chain with tracability to secure both feed quality and a high food safety.
SKIOLD Feed Mills for quality feed production

Choose a complete feed mill in a customized design with capacities 1-40tph – or even bigger upon request. SKIOLD supplies and installs complete feed mills including equipment, engineering and site services. All equipment from intake, cleaning, dosing, grinding, mixing and possibly pelleting to the advanced management system which controls the whole process and keep track of a.o. stock and production is produced by SKIOLD.

User-friendly design saves time
We ensure that the entire feed milling process is easy and operates smoothly. The best production equipment provides the very best feed quality and minimizes the risk of costly human errors. The great advantage in producing your own feed is that it saves you valuable time – every single day.

Improved healthiness of the livestock
Users of SKIOLD solutions report that livestock show better health due to increased feed quality. Superior feed quality ensures you the most profitable operation, health, growth and feed conversion rate for your livestock.

Think of the future
Changes in your company or in the market situation (e.g. requirements regarding animal nutrition) may cause you to revise your needs and demands. The design of a SKIOLD feed mill is prepared for an easy and smooth adaption. In case your requirements change over time, the modular design of your feed mill allows for easy upgrading of e.g. capacity or degree of automation.

Advantages of producing your own feed
• Use your own grain or individually selected raw materials, assuring yourself of the finest quality of ingredients in the basic feed production.
• Possibility of producing your own special composition of premix and feed mixtures.
• Convenience of having complete control of your own programme, including feed formula, freshness of feed and the ability to prepare your own feed whenever you need it.
• Lower feed expenses compared to buying commercial feed.
• Always fresh feed – most rations loose in quality and feed value if not used within 3-4 days after production. Animals perform better and need less feed because the ration is fresh every day.

Complete grain & seed processing plants
SKIOLD Damas is specializing in seed and grain cleaning, grading and processing, optimized crop yield, and offer a large diversity of cleaning and grading machines for all kinds of grain, seed, and pulses.

Goodbye, mycotoxins
The SKIOLD Damas Sigma improves food safety and give you a more hygienic end product and healthier animals. Because seed and grains are cleaned centrifugally by being forced against the rotating screens, each individual grain will be polished and cleaned across its entire surface area. This process reduces the presence of germs, fungi and bacteria by up to 90% - proven by the independent German Test institute IFF.

"Superior feed quality ensures you the most profitable operation, health, growth and feed conversion rate for your livestock."
FACTS
• Liquid feeding system, residue-free
• Dry feeding solution for weaners
• 5,000 and 7,000 sows in two farms
• Annual production: 310,000 finishers

FACTS
• 2500 sows
• Dry feeding - Restrictive & AD LIB
• Three SKIOLD full-line farm for Hung Vuong Group

FACTS
• Production of 1,050 sows
• Annual production of 33,000 weaners sold at 33 kg
• Installed in 2017
Examples of SKIOLD solutions worldwide

Find more reference stories on our web page.

VPF, Pork Valley - Thailand
With a capacity of more than 12,000 sows, VPF is among the top 20 pig producers in Thailand and the most prominent company within sustainable farming in Thailand.

Environmental issues are highly important to them, and they have set up a green supply chain ranging from traceability of the high-quality feed to reducing pollution of the surrounding nature.

Hung Vuong Group - Vietnam
SKIOLD has supplied three full-line pig farms for Hung Vuong Group in Vietnam each with 2500 sows.

“SKIOLD’s equipment are not at a low price. However, we still choose them because of the quality and it suits our pigs. We selected SKIOLD as the supplier.” says xxxx??.

As regards the automatic feeding system, we do not have to spend much time to feed the pigs. Instead, we have more time to care for the pigs, reducing labor costs.”, says xxxx??.

Besides the pig farm, SKIOLD also supplied solution for the feed factory.

Tybjerggaard - Denmark
Denmark’s largest breeder of pigs, Tybjerggaard, has been a SKIOLD customer since 2005 and has lately expanded its production with a new building for 10,000 gilts (6,500 m²) and the extension of an existing building by 2,200 m² so that it will contain 3,600 gilts. Total production per year is to reach 20,000 gilts of which most are exported to Poland, Italy, Germany but also to China and Vietnam.

“Tybjerggaard has chosen SKIOLD as a supplier of our new equipment, because we want to produce the healthiest pigs in the world. With the expansion we will be able to get higher value, healthier pigs, use less medicine, and eliminate stomach problems and thereby ensure optimal growth conditions”, says Mr. Bent Jeppesen, the owner of Tybjerggaard.
SKIOLD makes the difference

With more than 140 years’ experience as a global supplier of full-line, automated pig farms and machinery for fully automatic feed production, grain storage, the handling of plants and processing of seeds, SKIOLD is one of the most preferred partners in its field.

You will find SKIOLD feed production plants, grain storage and handling plants, full-line pig farms, and seed processing plants all over the world. This has given us wide experience in working under all types of local conditions and dealing with the challenges implied by this.

SKIOLD supplies customized pig farm projects, be it the refurbishment of existing farms or the design and production of new, turn-key pig farms fully equipped with feeding systems, climate systems, penning equipment, and slurry systems.

To us, local presence is of utmost importance. Therefore, SKIOLD has established local offices and a dealer network globally. Closeness to our partners enables us to offer the best after-sales service and quick delivery of spare parts.

An investment in SKIOLD equipment is a future-proof investment.

KEY FIGURES:

- 89 dealers in 53 countries
- 11 local offices
- European production
- 4 R&D departments

BUSINESS AREAS:

- Seed processing
- Feed Mills & Grain Handling
- Feeding of Poultry
- Full-line pig farms