

TECHNOLOGIES FOR POULTRY



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The requirements for poultry farms and creating optimal conditions have fundamentally changed in the past couple of years. Without new technologies and modern approaches you cannot guarantee the high efficiency of farms. Therefore, the company BAUER TECHNICS uses the latest scientific knowledge and farmers experience from around the world. Modern farm poultry breeding is a complex of top technologies. In order to function as a balanced unit, it is necessary to have not only the appropriate technology, but the experience of a team of top-class specialists - architects, builders, livestock specialists, feed and genetic specialists, electrical engineers and others.

BAUER TECHNICS meets the above requirements and thanks to this has successfully implemented a number of projects such as reconstruction of farms and stables, as well as the construction of new „greenfield site“ farms not only in the Czech Republic but also abroad.

Poultry has been in the last few years on the menus of most countries. Poultry meat production, in an efficient manner and required quality, is a complex of many factors. We're talking about the „industrialization“ of production. Production in small capacities, without top-class procedures and technologies is basically impossible. Classic agricultural production has virtually disappeared. Chances of succes are only for complex designed farms, without compromising on technology, construction of buildings and technological processes. Without high-end electronics, there is no chance to ensure high results.

The company BAUER TECHNICS offers for all categories of poultry a complex supply of structures and technological units. We prepared the high-end systems of feeding, watering, ventilation and heating, microclimate management, control systems, lighting, egg collection etc. including new systems such as cage systems, free-range systems, etc. All this with respect to the lowest possible cost while maintaining the conditions for high efficiency and quality of production.

BAUER TECHNICS OFFERS A COMPLETE RANGE OF TECHNOLOGIES, STRUCTURES, BUILDING COMPONENTS AND SERVICES:

- ▶ Feed storage - silos
- ▶ Spiral conveyors
- ▶ Feeding lines and chain conveyors
- ▶ Weighing systems for feed and animals
- ▶ Watering lines
- ▶ Ventilation and monitoring systems
- ▶ Cooling systems
- ▶ Heating systems
- ▶ Control systems
- ▶ Surveillance systems
- ▶ Lighting systems
- ▶ Laying nests
- ▶ Cages and alternative systems
- ▶ Egg collection
- ▶ Building constructions
- ▶ Incinerators
- ▶ Processing of manure and composter systems
- ▶ Hatcheries
- ▶ Transport of eggs, chicks and feed
- ▶ Feed mills
- ▶ Large-capacity grain storages

CONCEPT OF FARMS AND STABLES FOR POULTRY

The high level and efficiency of a farm is very often decided by solutions of the smallest details. A properly organized farm must meet not only the basic needs of animals, but must be in perfect harmony with their genetic potential. BAUER TECHNICS therefore respects proactive approach to their investors and their teams of experts, such as livestock specialists, feeding and genetic specialists, agronomists. Their detailed knowledge of local conditions contributes to the creation of a more comprehensive and accurate designs of farms and stables. The professional approach of BAUER TECHNICS always guarantees the satisfaction of our clients.

DESIGN OF INDIVIDUAL FARMS AND STABLES DEPENDS ON:

- ▶ **Landscape conditions - farm placement (hygienic zone, nature conservation, distance from residential areas)**
- ▶ **Animal Husbandry - sanitary farm solutions**
- ▶ **Farm zoning, road and driveway solutions**
- ▶ **Using herd turnover systems**
- ▶ **Feed delivery systems**
- ▶ **Ventilation systems, heating and cooling systems**
- ▶ **Solutions for slurry storing and application**
- ▶ **On the technological design is applied a suitable engineering construction** and outer sheathing, corresponding to climatic conditions, and other requirements of the region
- ▶ **Truly unique is the management and control system for microclimate** including a new ventilation system, which guarantees good environmental conditions and health status of the animals

All the offered and supplied technological elements comply with the laws on **animal welfare** both in the Czech Republic and the EU.



BAUER TECHNICS

BAUER TECHNICS was established in 1992, initially as a sales and service group for Bauer GmbH Voitsberg. Over the years, the company focused primarily on the realisation of turn-key farm projects and has become the leader in this field on the world market. For successful development of the company we use the latest technologies in this field and we have a team of experienced and professional experts in various fields of the industry that are required for successful realisation of projects. BAUER TECHNICS is mainly focused on large agricultural and food industry projects. They are implemented throughout the world, especially in Russia, Ukraine, Belarus, Kazakhstan, Algeria and Slovakia etc. Our domestic market in the Czech Republic we do mostly projects of a smaller scale. Comprehensive supply of capital equipment, including buildings and technologies for agriculture and food processing, complete farms for breeding and fattening, meat and milk processing, storage of agricultural products, but also in the field of ecology such as storage and processing of slurry, including biogas stations.

MAIN REALISATIONS

- ▶ **ZD Maleč (Czech Republic) – farm for 600 cows**
- ▶ **DS AGROS Netín (Czech Republic) – farm for 450 cows, incl. reconstruction**
- ▶ **ZDV Krchleby (Czech Republic) – farm for 480 cows, incl. reconstruction**
- ▶ **Nový svět (Russia) – farm for 5,800 sows**
- ▶ **Voschod Kaliningrad (Russia) – farm for 24,000 pigs**
- ▶ **DAN Moravia Agrar (Czech Republic) – farm 1,8 Million fattening of chickens (Danish investor)**
- ▶ **Energotransinvest Kiev in Bolgrad (Ukraine) – farm for 1,500 sows**
- ▶ **Stiomi (Ukraine) – grain storage for 160.000 t of grain**
- ▶ **Maksimovka in Obninsk (Russia) – pig farm for 600 sows**
- ▶ **Borisov farm 1 (Belarus) farm for 24,000 pigs**
- ▶ **Borisov farm 2 (Belarus) farm for 24,000 pigs – in implementation**
- ▶ **Zalevskoe Moloko (Russia) – farm for 1,200 dairy cows**
- ▶ **Astarta Kiev (Ukraine) – farm for 1,200 dairy cows**
- ▶ **DAN SK Agrar (Slovakia) – farm for 6,000 sows (Danish investor - now the completion of the farm for 9,000 sows)**
- ▶ **DAN SK Agrar (Slovakia) – Velké Kosihy – 24 halls for fattening pigs (Danish investor)**
- ▶ **Proovo (Slovakia) – completion of the farm for 4,800 sows (Danish investor)**
- ▶ **Rosagroregion (Russia) – Agrohôtel in Anapa**



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