

# KÄRCHER

makes a difference



## **RELIABLE BIOSAFETY. SUPERB ECONOMIC EFFICIENCY.**

Optimal cleaning solutions for reliably clean, biosafe and animal-friendly chicken breeding and poultry raising







## **EFFICIENT CLEANING. SECURE INCOME.**

Social beliefs and legislative measures on animal husbandry and welfare have been constantly evolving for decades. The demands made of comprehensive and clever cleaning concepts are also increasing. Today, we offer a complete system of solutions that are easy to operate, robust, reliable, economically efficient and environmentally friendly. Solutions with machines that help to lower costs, reduce drug administration, break the chain of infection, protect animals and thus protect farm income.



# HIGH-PRESSURE HOT WATER FOR MAXIMUM BIOSAFETY



**EASY!Force high-pressure gun**  
Maximum hygiene and biosafety are decisive factors. But that's still not enough for us! We also want to make the daily work routine of users easier. For example, with our EASY!Force high-pressure gun. Thanks to its innovative technology, it can use the recoil force of the high-pressure jet in order to reduce the holding force to zero. This saves the user a great deal of effort, thus allowing long and fatigue-free working.

Whether it is in chicken breeding or egg production, where the system equipment is highly complex and cleaning can only take place up to 18 months later, after the end of production and once the hens have been taken out of the barn:

High-pressure cleaning with hot water is the ideal method to efficiently remove adhesive droppings and litter residue and ensure biosafe conditions everywhere. The hot water, reaching temperatures of up to 85°C, allows up to 40 per cent of working time to be saved – with, simultaneously, a better cleaning result. In addition, soaking and drying times are shortened, water consumption is reduced compared with cold water machines, operating times are used more efficiently, and thus the overall operating costs are lowered.

**Customised accessories**  
Our numerous accessories often ensure a significantly reduced workload and higher efficiency with very low investment costs. We have selected our cup foam lance, the dirt blaster and the hose reel here as representative products as they are ideal for agricultural requirements and make day-to-day cleaning work in barns more convenient.



Stationary high-pressure unit or mobile high-pressure cleaner? The range of our high-pressure cleaners is huge and their respective applications in agricultural operations are diverse. High working pressures and equally high water volumes easily and effortlessly remove even large quantities of dirt. Our consultants are specially trained to suggest and deploy the appropriate machines for every requirement.



# PROTECTING ANIMALS. AND YOURSELF!



Dust is not only an ideal breeding ground for fungi and flies. Dust can also bring with it hazardous germs and should therefore be eliminated. To protect people and animals.

Regular vacuuming of dust largely eliminates the development of germs and fungi. Sensitive chickens, laying hens and, of course, all the individuals working with these animals are thus protected against serious respiratory complaints. Furthermore, the breeding grounds for flies and thus the danger of potential germ transmission to the animals are reduced considerably.



**Proactive sweeping**  
The barn should be thoroughly swept before the high-pressure cleaning. Likewise, we recommend cleaning the outside areas of the farm regularly and thoroughly in order to avoid the risk of infection due to the introduction of wild bird germs (avian influenza AI) and also to keep rodents away from fodder. In addition, a strict visual inspection of the outside areas for excrement and other traces of rodents is another simple and effective measure.

**Tailored cleaning agents**  
Our cleaning agents, developed specially for agricultural requirements, impress with maximum grease dissolving power and first-class results, also on other organic matter such as excrement and leftover fodder. In addition, they increase the quality and effectiveness of hot water cleaning, reduce the cleaning time and thus lower the labour costs.



Besides the vital hot water high-pressure cleaning, a powerful wet and dry vacuum cleaner and a sweeper from Kärcher help keep barns and yards in a perfectly hygienic condition. The risk of undesired carryover of germs and other pathogens is thus reduced to a minimum.

## 5 STEPS TO MAXIMUM BIOSAFETY

**1. Controlling the fly population**  
Only around 15 per cent of the fly population in a barn is made up of flies who are able to fly; the majority are larvae, pupae or eggs. To increase animal welfare and break the chain of infection, continuous control, particularly of larvae, is imperative.

**2. Manure removal, removal of equipment and bedding**  
The removal of mobile equipment from barns, as well as the complete removal of manure and the mechanical removal of bedding, are essential cleaning tasks. Germ-bearing dust is also removed by thorough sweeping with our sweepers, which facilitates the remaining cleaning process and improves the overall cleaning result.

**3. Soaking time and high-pressure cleaning**  
An appropriate soaking time should be followed by the meticulous hot water high-pressure cleaning of all equipment parts, ceilings, walls and floors. This pertains to both chicken breeding and egg production areas.

**4. Cleaning the water and fodder supply**  
Unfortunately, drinking water pipelines and components of the fodder supply tend to suffer bacterial contamination very quickly and therefore require special attention. Our cleaning agents also assist here for optimal cleaning.

**5. Disinfection**  
A germ-free start for the animals is guaranteed before they are reintroduced to the barn. Before disinfection, ensure that the ground and the areas to be disinfected are completely dry.





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