



IMPEX DRINKING SYSTEM

For clean and fresh
drinking water.





Impex closed drinking water system

With our complete, closed drinking water systems, your poultry always has access to sufficient clean, fresh, and cool drinking water. Therefore, our drinking water systems contribute to the health and performance of broilers, pullets, layers, and breeders in all housing types.

This is how a closed drinking water system works

A closed drinking water system is connected to the mainline of the housing unit. A pressure-reducing valve on the water control panel reduces the water pressure to approximately 1.5 to 2 bar. The water is then transported into the poultry house to the drinking lines. These drinking lines are linked to a stabilization tube with multiple suspension points to ensure that the lines hang horizontally and do not sag. Each drinking line is equipped with a pressure regulator to adjust the water pressure and ensure that each drinking nipple dispenses sufficient water. These nipples release water when the chicken activates the pin in the nipple with its beak.



Why choose an Impex drinking water system

One-stop shop

All parts of the Impex automatic drinking system fit together seamlessly. You also have one point of contact for the supply and service of your drinking water system.



Accurate water delivery

The slight deviation tolerance (0.005 mm) during production in our factory in Germany guarantees that every drinking nipple delivers exactly the right quantity and does not leak.



Long service life

All our drinking nipples and other components for drinking systems are made from high-quality materials. As a result, they have a long service life and the lowest total cost of ownership.



Monitoring



I-Control flush computer

You can use the pre-programmed settings or customize them to your preferences. If the measured values from the sensors exceed these settings, the computer will signal the actuator on the pressure regulator to flush the drinking lines.



Water detection system

You can connect a water detection system to the end air outlet set. Based on electrical conductivity, it monitors whether there is water between two sensors in the air tube and warns if the line is empty.



Suspension system

The correct drinking position for a chicken is with a straight back and stretched neck. With the suspension system you determine the height of the drinking line. By installing sufficient suspension points, you prevent the drinking line from sagging.



180 or 360 degrees drinking nipples

Each type of poultry has a different way of drinking and therefore needs a different type of nipple to ensure optimal water intake.



With or without a drip cup

From a water flow rate of 50 ml/min or higher, we recommend using a drip cup to prevent wet manure.



End air outlet set

An end air outlet set is installed at the end of each drinking line. You can check the pressure in the drinking line based on the water level in the outlet tube. The end set is connected to the main drain via a drainage hose, so it is possible to flush the lines.



Water control panel

The water control panel is the basis of the automatic drinking system. Here, the water pressure of the mainline is reduced to a value between 1.5 and 2 bar. With a filter combination, the supplied water can be filtered. Optionally, a liquid dosing pump can be connected to the panel



I-Flow pressure regulator

The pressure regulator at the start of the drinking line will further reduce the water pressure. The pressure regulator is equipped with a flushing set with which the drinking line can be manually flushed. An optional actuator can be used to flush the drinking line automatically.



We are Impex

One of the largest nipple manufacturers in the world and based in Barneveld (the Netherlands), which is renowned throughout the world as the centre of poultry expertise. It is here in Barneveld that we work tirelessly to supply poultry farmers with high-quality drinking systems. The name Impex has been synonymous with outstanding quality and service for 50 years and we distribute our products around the world through an extensive network of experienced dealers.

Check www.impex.nl for more information

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