

International

Hatchery Practice

Volume 30 Number 7 (2016)

Practical information for better breeding and hatching

BREEDERS

Getting the best result from today's modern birds

PURE LINE LAYERS

Outstanding performance above the standard

GENETICS

Improvements for egg production and quality

TRAYS, TROLLEYS & TRANSPORT

We look at options from around the world

MONITORING

Detecting health problems early with effective screening

TEMPERATURE

Finding the best place for calibration probes





Easy cleaning of a Veit truck.

Savings with transport technology in real terms

The EcoTransport technology is an exceptional concept and one that, according to Veit, remains unsurpassed. It is a comprehensive solution that fulfils all demands placed on modern transportation of day-old poultry.

veit.cz

Above all, users appreciate four fundamental benefits.

● Low consumption

Veit's engineers have proved that vehicles with the EcoTransport technology consume approximately 3.5L/h on fuel less than other vehicles. It is easy to calculate the impressive savings that can be reached thanks to this fact. Let us consider a hatchery distributing its day-old poultry three times a week by 10 hour journeys. With the average European price for fuel at €1/L the hatchery can save €35 per journey, €5,460 per 1 year and €54,600 over 10 years, which is the usual lifetime of a vehicle.



● Easy cleaning

The EcoTransport is designed to make cleaning easy and fast. With a flat floor, fast opening panels and waterproof fans, the drivers save a minimum of 30 minutes every time they clean the truck. Not only does

the quality of the cleaning increase, but the saved time also means financial savings. If the same hatchery mentioned previously pays its staff €25/h, then the savings on cleaning time are €12.5 per journey, €1,950 yearly and €19,500 over 10 years.

● Simplicity

The next highly advantageous feature of EcoTransport technology is simplicity. The more complicated the system, the more it tends to break down. Veit's sophisticated simplicity brings better reliability, longer lifetime of the vehicle and significant savings on maintenance and service. Although it is not that easy to express these savings in numbers, it is good to consider them as well.

● Highest safety for poultry

The core of the EcoTransport lies in the fact that it uses two sources of energy for ventilation, cooling and heating. The first source is the powerful aggregates placed in the superstructure of the vehicle, i.e. the common source used also by all the other producers of day-old poultry transportation. The second source of the energy is the truck itself, where the EcoTransport can recycle heat and electricity generated by the truck's engine. Using the truck itself supplies a natural backup system. And that means double safety for the poultry.

All together, the EcoTransport technology means absolute safety for the chicks and huge savings on running costs. It supplies first class travel at economy class prices.

Trays, baskets and trolleys for optimum hatchery efficiency

Good trays, baskets and trolleys to handle your eggs are a major prerequisite for an efficient hatchery workflow. They are subject to frequent, rough handling and need to be robust and easy to handle and clean. Petersime offers a complete range of trays, baskets, trolleys and a new solution for egg transport.

petersime.com

● Trays

Petersime provides a range of setter trays that are compatible with all Petersime incubators. The standard setter tray holds 150 chicken eggs. Models for turkey and duck eggs are also available, with capacities of 126 or 63 eggs. All of the Petersime setter trays hold both small and large eggs.

Recently, Petersime has developed a high density tray for 84 chicken eggs. Thanks to a honeycomb structure, these trays can hold 12% more eggs on the same surface. They are to be used with the BioStreamer HD or High Density incubators, especially engineered for this higher capacity.

● Hatcher baskets and chick boxes

Petersime offers a range of baskets and boxes that allow maximum air flow, even when stacked. The choice of materials makes them extremely suitable for industrial washing machines, with rounded ventilation holes for easy cleaning. The depth of the stacked baskets provides maximum chick comfort.

Petersime's universal chick basket serves both as a hatcher basket and as a transportation box of day-old chicks. Therefore, only one washing lane is required, which saves substantial space and lowers the investment cost.

● Setter, hatcher and farm trolleys

Trolleys are subject to rough handling. Therefore, Petersime has equipped its setter, hatcher, and farm trolleys with a solidly welded frame and a protective anti-corrosion coating, which makes them last

a lifetime. The trolleys are solid, yet ergonomic and easy to manoeuvre, and pass under a standard doorway. They are mounted on four large wheels, two of which are swivel wheels with brakes.

● New solution for egg transport

Petersime offers a new system for egg transport from the breeder farms to the hatchery.

The system consists of a plastic pallet and intermediate connector



on which Petersime HD trays can be stacked. One pallet can hold up to 6,720 eggs. There is no need for extra straps or shrink wrap during transport because the system is already solid and stable.

This has the advantage that the collection of the eggs is immediately done on the setter trays, without the need for transport of heavy setter and farm trolleys back and to the farms. This easy-to-use system allows good cleaning and can also be fumigated with the eggs, ensuring optimal biosecurity in your hatchery.

