



EGGINJECT

In Ovo Vaccination Equipment



The **Egginject** is the latest generation In Ovo vaccination machine combining a patented dual speed injection system that optimizes the vaccination operation while keeping under control all the biosecurity and sanitary risks. It is designed for the vaccination of multi-age and multi-size eggs from 18.0 to 19.2 days old embryos.

Key Features

- Patented dual speed injection technology to maximise vaccination efficacy and minimise embryo injury
- Precise and constant injection site
- Disinfection after each injection
- Adjustable to all types of incubation trays
- Superior vaccine saving system
- Individual adaptation to any egg size and position
- User friendly software with touch screen

Pathologies: Marek, Gumboro, Newcastle Disease, Coccidiosis, Fowl Pox, Avian Influenza
Ceva Vaccines: Cevac Transmune, Vectormune ND, Vectormune LT

PROFILE

High Precision Combined with Embryo Safety

Unique perforation system and level of precision to preserve the egg shell and protect the embryo
Minimal impact on production parameters

Dual Speed Injection System

Fast speed perforation preventing cracks and resulting in a clear and tiny hole

A slow speed injection eliminating the risk of damaging the embryo preserves the egg shell quality and avoids unnecessary embryo injuries

System can adapt to any egg size

Vaccine Saving

Little vaccine is wasted in the priming process due to its unique vaccine system design
Candling and egg remover systems allow only live eggs left on the tray to be injected

Disinfection System

Automatic needle cleaning and disinfection program after every injection
Eggs are disinfected by a dual process to minimize cross contamination

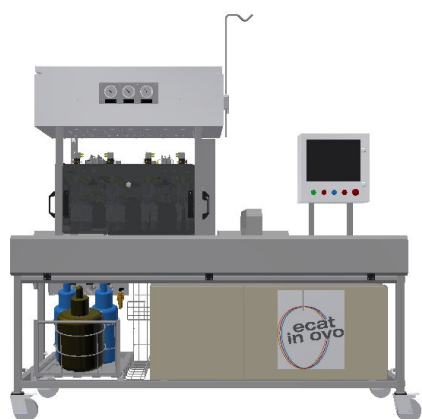
Integrated System

EGGINJECT can be operated individually or operated to a whole line:

- Laser candling and robotic clear egg/ early dead embryo remover
- In Ovo injection machine
- Eggs transfer machine from incubation trays to hatcher baskets



SPECIFICATIONS



Target	18.0-19.2 Embryonated Eggs
Vaccination Technique	In Ovo
Overall Dimensions	220 x 100 x 190 cm (LxWxH)
Electrical Supply	230V
Working Pressure	8 bars
Dose	0.05 ml to 0.1 ml
Speed	35000 – 75000 eggs/ hour



As part of the Ceva Hatchery Immunisation Control Keys program (C.H.I.C.K.), our Ceva Hatchery Specialist will monitor the good operation of the equipment and the quality of vaccination during the routine visit.

