

SEXING AND VACCINATING SYSTEMS

THE BEST SOLUTION FOR YOUR HATCHERY

ECAT proposes different types of sexing and vaccinating systems adapted to the ergonomic needs of the operators, taking into account economic factors and the necessity to ensure minimum chick and poult stress. Ecat adapts the equipment to the hatchery needs and size.

TYPE OF SEXING SYSTEMS

- Carrousel for feather sexing
- Carrousel for vent sexing
- Colour sexing tables and systems
- Mixed sexing / vaccinating carrousel
- Linear sexing systems for vent sexing designed for breeder hatcheries.

ADVANTAGES

All of ECAT equipment is designed to minimize chick stress by reducing chick drop, by slow rotation of crowns, silent running of conveying systems, minimal vibrations. The simplicity in the design of the equipment ensures easy cleaning and service once installed. The equipment is robust and built to last.

OPTIONS

- Individual control of sexing by different systems : chick marking, third pallet conveyor, etc.
- Adaptable chick / poult chutes
- Double crown (example : debeaking + vaccination)
- Adaptation of vaccinating robots to carrousel
- Support tables for detoeing / debeaking / vaccinating
- Box support tables
- Numeric counters
- Computerized management control with automatic counting and flock data control

→ AT THE INFEED of the sexing and / or vaccinating systems different types of chick grading systems exist :

- Take off/grading lines including hatcher tray and chick conveyors
- Automatic chick / waste separators type SEP3 and SEP4 with manual or automatic infeed
- Specific chick conveyors of different lengths and widths

→ AT THE OUTFEED of the sexing &/ or vaccinating stations the chicks can be

- Graded in boxes or on grading tables from 1 to 9 working stations
- Or counted, boxed and inoculated against I.B. and Newcastle
- With the possibility of destacking / stacking boxes automatically.

Your Hatchery Automation

E-CAT

EGG CHICK AUTOMATED TECHNOLOGIES

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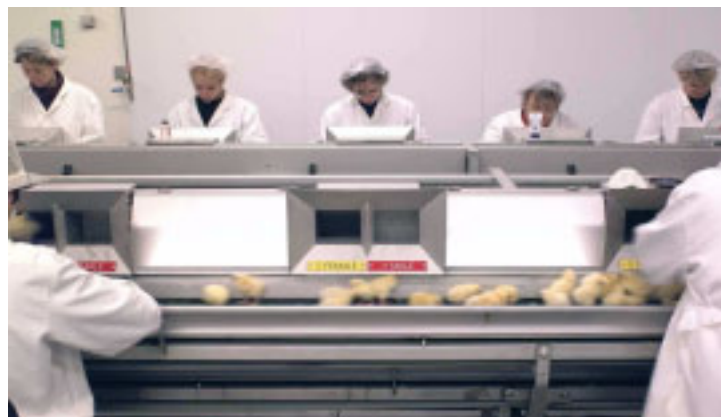
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EFFICIENCY - COST EFFECTIVENESS - CHICK STRESS MINIMIZED

In line sexing and vaccinating systems



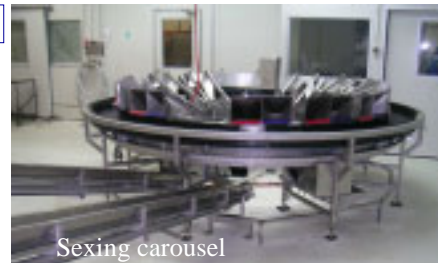
LINEAR VENT SEXING SYSTEM

Each working station is equipped with :

- 2 chutes with digital counters in order to display data per chick chute
- 2 chick conveyors beneath each working station for automatic chick removal
- 1 box holder for chicks to be sexed
- 1 temporary hopper for chicks with manual lever for emptying or for collecting for control purposes

Sexing and vaccinating carrousel

Each working station includes 2 chick chutes, 1 for males and 1 for females. The chutes have been designed to fit the exact requirements for diverting chicks to either male, female or sexing control conveyor.



Sexing carousel



Vaccinating carousel

The linear tables and carrousel available range from 6 to 24 stations for sexing & from 2 to 24 stations for vaccination.