

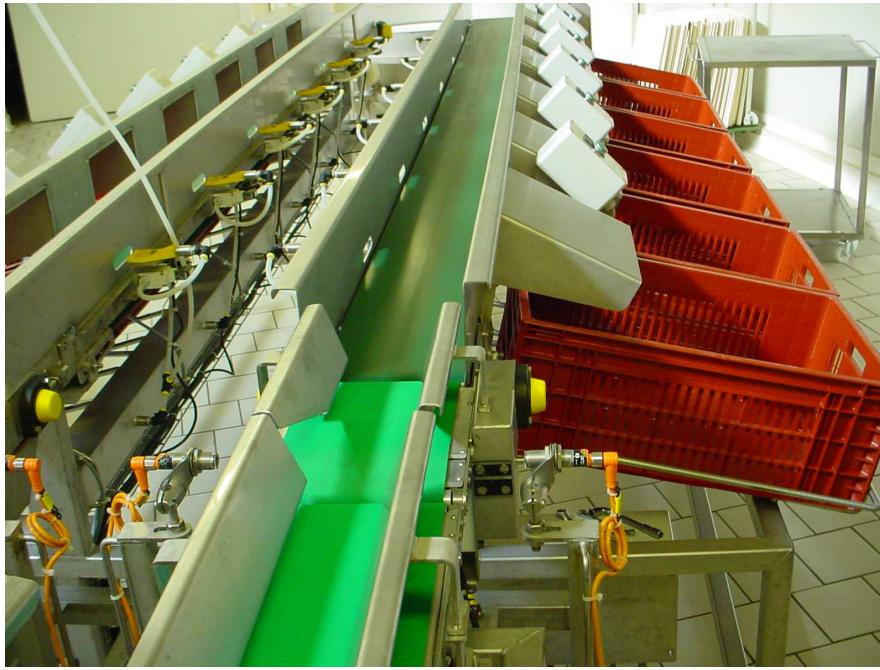


# ECAT

Egg-Chick Automated Technologies

[www.ecat-com.fr](http://www.ecat-com.fr)

## CHICK WEIGHING & COUNTING SYSTEM – PWS1



### General characteristics:

3 to 6 categories of grades.

The box refilling is done without box conveyor.

The bird boxing system is done as follows:

The operator places the empty boxes at the outfeed of the grading machine.

Two boxes are available for non classified chicks.

As soon as the compartment of the first box is full, the operator is informed by means of a signal.

In the meantime, the empty compartment of the second box starts to be filled up.

When the operator changes the compartment he pushes a button in order to set up the counter of the first box at « 0 » value; and so on...





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**The system includes:**

- 1 conveyor for separation before the grading table
- 1 grading table
- 1 outfeed conveyor for the birds with guides and way out in different categories of grades.
- 1 blowing blade for each outfeed hopper and per grade category with air arrivals
- 1 set of boxing system at the outfeed of the grading machine
- 2 ways out for birds out of the grade categories and counting per categories.

**Number of operators per line:**

- 1 person to place the birds onto the initial separation conveyor
- 1 person to remove the full boxes and replace the empty ones under the hoppers

**Technical information :**

Grading table	graduated for 0,1 gram
Individual Precision	98% to $\pm 2$ g
Weighing	type HBM in stainless steel
Construction	Stainless steel Structure (304L), Bird conveyor : PVC
Water Proof	IP65
Computer software	Data collection and storage Control of the different programs for weight & counting detection for each category
Capacity of the machine:	5 000 to 7 500 chicks/hour based on regular flow.

