

# AUTOMATIC CHICK / WASTE SEPARATOR & TIPPING SYSTEMS

## SIMPLE & COMPACT SYSTEM- TIME SAVINGS

### WORKING PRINCIPLE :

- The chicks are tipped onto the knife belt conveyor manually or by an optional automatic tipper.
  - The chicks are then conveyed towards the roller conveyor which automatically separates the chicks from waste and debris.
  - The chicks are transported by a conveyor at a lower level to an outfeed conveyor.
  - The waste falls down into a hopper which can be connected to a vacuum system or an auger for easy removal.
- 2 models available: 75 000 chicks/hour or 120 000 chicks/hour

### THE MACHINE INCLUDES :

- 1 Infeed belt conveyor to collect contents of tray
- 1 Chick / Waste rotating roller conveyor system
- 1 Waste hopper
- 2 Chick conveyors
- 1 Control panel



### ADVANTAGES

- Simple and compact design
- Durable construction
- Easy to clean and accessible
- Requires one operator to infeed machine
- Can be automated at infeed and doubled up with a second machine
- Economic energy requirements

The machine is easy to install and its compact simple design enables easy maintenance, whilst guaranteeing an excellent separation capacity up to 800 trays / hr.

### TECHNICAL DATA

- Stainless steel construction - 304 / 304L
- Rollers in stainless steel
- Stainless steel covers on motors
- Stainless steel lateral protective covers
- Electrical control board IP65

### OPTIONS

- Auto separation of organic & calcerons products.
- One small Shell Suction System including hood, blower, and cyclone
- One Grading conveyor at the outfeed of the chick separator necessary when chicks are directly conveyed towards automatic chick counters.
- One Automatic hatcher tray tipping system .

## Your Hatchery Automation



**E-CAT**

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## USER FRIENDLY -COST EFFECTIVENESS -RELIABILITY



## GENREAL DESIGN OF THE EQUIPMENT

