



Pas Reform Egg grading system

To weigh and grade eggs into four different user defined sizes



Pas Reform
Hatchery Technologies



Egg grading system

Benefits

Electronically weighs and grades up to four different user defined egg sizes, divided over two or three separate exits. Reducing the weight difference of the eggs per trolley and sorting specific hatching egg sizes to suit specific incubation programs or processes increases hatchability and chick uniformity. By sorting out non-hatching eggs based on weight, this grader also ensures maximum efficiency in the incubators. A touch screen control panel displays crucial statistical information, including egg numbers per breeder farm in a specific weight range. Data can be retrieved via the integrated USB port and provides useful information for keeping track of the entire flock's performance.

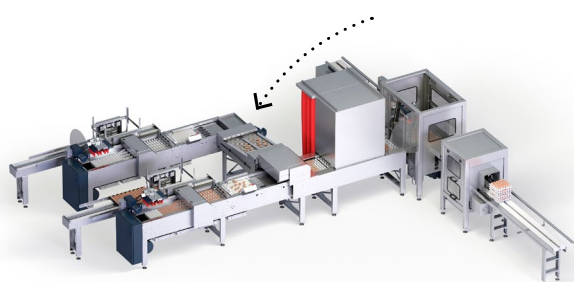
How it works

- Eggs enter the egg grader via an infeed conveyor, where oversized, misshapen, cracked or dirty eggs can be removed
- The system uses electronic weighing units, grading the eggs into a maximum of four user defined sizes/weight classes (eg: S, M, L and XL)
- Most eggs are routed to the connected egg setting (packing) system
- Non-hatching eggs are separated and routed automatically to the hand packing table for manual collection or optionally to another egg setting system, for separate incubation of various egg sizes

Hand packing table for manual collection of non-hatching eggs

Related products

- ▶ Destacker for stacks of 30 egg trays
- ▶ Stacker for empty 30 egg trays
- ▶ Egg loading system
- ▶ Candling booth for visual inspection
- ▶ Egg setting system
- ▶ Setter trolley loader



Technical Specifications

Capacity	> 30,000 eggs per hour
Accuracy	> +/- 0.5 gram
Max. egg size (LxD)	> 76 x 52 mm
Installed power	> 0.4 kW
Air requirement	> 100 ltr/min at 8 bar
Weight classes	> 3 or 4
Number of exits	> 2 or 3
Dimensions (LxWxH)	> 1950 x 1000 x 1500 mm
Weight	> 200 Kg
IP Marking	> IP65
Optional	> additional egg setting system for automatic setting of second weight class (4 weight class grader only).



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