



Pas Reform Candling and take-out system

For automatically candling and removing
infertile eggs



Pas Reform
Hatchery Technologies



Automatic candling of hatching eggs.
Infertile eggs are automatically removed

Candling and take-out system

Benefits

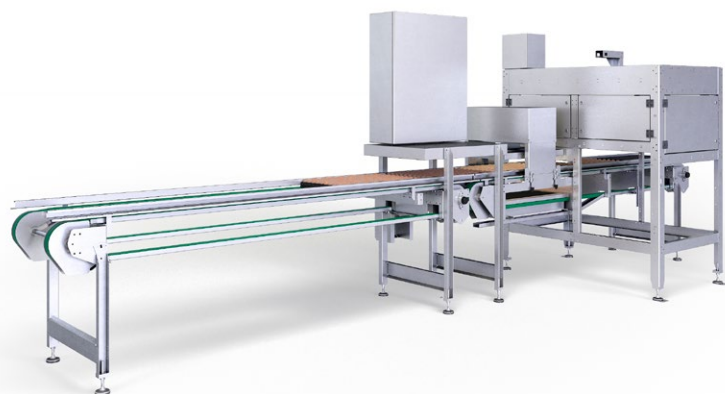
Automatic candling of hatching eggs directly from setter trays identifies the status of eggs on six different levels. Fertile, dead and infertile eggs (clears) are recorded into a database and non-hatching eggs are removed automatically. Candling data is stored in exportable files, to create valuable fertility information for each batch or hatching egg supplier. Removed eggs can be discharged into a hopper for extraction via a vacuum system, or be transported directly into a waste container. Alternatively, infertile eggs can be manually or automatically packed onto 30 egg trays for alternative saleable use.

How it works

- Eggs are automatically transferred in a setter tray via conveyor to the candling area
- The light sensor in the candling unit scans the eggs in the tray to reveal whether eggs are fertile, infertile, early dead, late dead or clear
- This data is recorded into a database for review and reference
- Infertile eggs are automatically removed
- Setter trays with remaining eggs continue for transfer into hatcher baskets

Related products

- ▶ Setter trolley unloader
- ▶ In Ovo vaccination machine
- ▶ Automatic transfer system
- ▶ Egg detection system
- ▶ Empty setter tray stacker
- ▶ Stacker for hatcher basket onto dolley
- ▶ Manual packing station
- ▶ Automatic packing station



Technical Specifications

Capacity	> 90,000 eggs per hour
Installed power	> 3.4 kW
Air consumption	> 8.3 litre/min at 7 bar
Dimensions (LxWxH)	> 2800 x 2370 x 2070 mm (excl. conveyors)
Weight	> 900 kg
Material	> Stainless steel AISI304 (where applicable)
Candling levels	> Embryo (normal developed), embryo (late developed), late dead, early dead, infertile (clear), empty egg position



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