



Candling and transfer machine



Automatic candling and transfer of hatching eggs from setter trays into hatcher baskets

Candling

The light sensor in the candling unit scans the eggs, to reveal whether eggs are fertile, infertile, early dead, late dead or clear. This data is recorded into a database for review and reference - and infertile eggs are automatically removed. The proportion of fertile or infertile eggs has no effect on machine throughput.

Transfer

Automatically transferring eggs from setter tray to hatcher basket, the transfer unit vacuum picks 150 eggs at a time, to gently place them into the basket.

An optional egg detect and reject system can also be incorporated into the unit. This detects eggs left in the tray after transfer, and rejecting the entire tray and placing it into a temporary buffer for manual inspection.

Options

An In Ovo vaccination machine can be added to the system.





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Technical Specifications

Capacity	Depending on the type of setter tray and transfer unit, up to 70,000 eggs per hour
Candling categories	Fertile, late dead, early dead and clear
Fowl type	Chicks, turkeys and ducks
Main dimensions (lxwxh)	2.8 x 1.65 x 2.75 meters (excluding conveyor length)
Connection values	Standard 400V, 3 phase, earth, 0 and earth
Power consumption	6.5 kW
Air consumption	0.45 m ³ per hour at 7 bar
Control cabinet	Stainless steel, equipped with a 10.5" touch screen full colour display
Database	Extensive data handling program
Network	Connection with company network

In our commitment to quality improvement through continuous research, we reserve the right to alter product specifications without notice.

