



Providing Engineering and Production Solutions to Meet Your Needs

Kromeka



EGG TRANSFER ROOM

Towards the end of the incubation process, prior to hatching, eggs are transferred from setter trays to hatcher baskets in the egg transfer room. This transfer should be swift to prevent egg cooling and handled delicately to avoid embryonic losses. Implementing automation in the egg transfer process enables increased production capacity, reduced labor costs, and minimized biosecurity risks.



- Setter tray unloader
- Candling machine
- Egg transfer machine

- Remaining egg detection
- Re-stacker and de-stacker machines
- Setter tray washing machine

CHICK TAKE OFF ROOM



After hatching, chicks and eggshells are separated in the chick take-off room. Simultaneously, empty hatching baskets undergo on-line washing, drying, and disinfection. Employing complete automation in this process leads to heightened production efficiency, reduced labor costs, and mitigated biosecurity risks.



- Re-stacker and de-stacker
- Tipping units
- Chick and shell separator
- Dust suction
- Hatcher basket washing machines

CHICK HANDLING ROOM



The chick handling room is where chicks undergo sexing, vaccination, and counting procedures. Sexing and vaccination can be performed using belt conveyors or specialized carousels designed for these tasks. The objective is to ensure that all chicks are appropriately sexed and vaccinated before proceeding to the next step. Counters are positioned at the end of the lines to tally chicks into designated boxes for transportation to farms. Special washing and drying lines for these chick boxes are also available.



- Sexing belt conveyor line
- Sexing carousel
- Vaccination belt conveyor line

- Vaccination carousel
- Chick counter
- Chick box paper placer machine



WASHERS

Washers play a critical role in maintaining hatchery biosecurity. Depending on their intended use, washers can be designed with 1, 2, or 3-stage washing, with or without disinfection. Each stage is equipped with dedicated pumps tailored to its specific function. Drying lines can follow the washers to minimize bacterial growth in residual water.



- Setter tray washer
- Dolly washers
- Hatching basket washers

- Chick box washers
- Trolley washers



About **KROMEKA**

KromeKa is an international food processing equipment supplier offering various solutions, mainly specialized in high standard poultry processing systems. Prior to offering our solutions, first we analyze the specific needs of our customers and then through detailed engineering, we offer the most suitable solution. Thanks to more than 30 years of expertise in the field, we can provide consultancy services for the industry. Processing plant, layout design, process flow designs and return-on-investment calculations are among the services we can offer.

KromeKa is also able to engineer, coordinate and integrate third party supplier solutions. These solutions include but are not limited to, automatic evisceration lines, cut-up and deboning systems, cooling & ventilation equipment, sanitation equipment, rendering plants and wastewater treatment facilities. In that way, we can deliver turn-key poultry processing systems and guarantee seamlessly operating plants for the end-user.

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