



Custom Egg Washing Conveyance System Maximizes Efficiencies

EXECUTIVE SUMMARY

A custom-designed and built Egg Wash Conveyor solution was created to accept bulk quantities of eggs from the customer's existing equipment, wash the eggs, and transfer the eggs at an elevation to the customer's existing system.



Customer Challenge

There's no doubt egg handling can be a delicate job. Kleenline's customers specifically wanted a system to improve their existing equipment and plant efficiency for their egg handling and processing line while simultaneously maintaining quality standards, safety requirements, and minimizing product waste. Our custom Egg Washing Conveyor was the ideal solution.

The Solution

A custom Egg Wash Conveyor was designed and built to accept bulk quantities of eggs from the customer's existing equipment. Eggs were transferred through an approximately 30 gallon tank constructed with an elevation of approximately 28" at the infeed end, and 74" at the discharge end.

Eggs climbed the incline by way of approximately 1" diameter rods on approximately 2" centers. Within the 30 gallon tank, eggs were washed in water as they were transferred from a level running section of the tank, through the tank, then inclined to the final incline section. Upon reaching the final incline section, eggs were transferred to the customer's existing equipment.

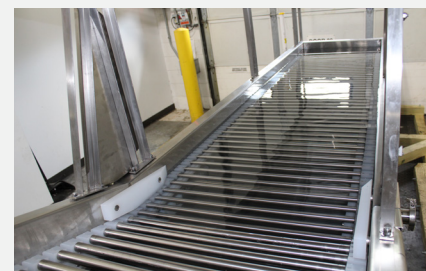
The tank enclosure was constructed from 316 stainless steel and food grade plastic, and included removable side panels. Mounted bearings had stainless steel housings and stainless steel inserts to ensure the customer's cleaning regimen and sanitary



CUSTOM EGG WASHING CONVEYOR



EGGS WASHING



TANK INTERIOR

Bring us the toughest sanitary line challenges in your business. Kleenline is the leading provider of integrated sanitary product handling solutions: conveyors, automation and controls, and specialty devices. We provide in-house consulting, engineering, fabrication, installation and aftermarket support. Our sanitary, completely automated, fully integrated solutions are created in-house for each customer. As part of the ProMach Handling and Sterilizing business line, Kleenline helps our packaging customers protect and grow their reputation and trust of their customers. ProMach is performance, and the proof is in every package. Learn more about Kleenline at www.kleenline.com and more about ProMach at ProMachBuilt.com.

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