

Loading and unloading containers with hatching eggs is a delicate and meticulous job. The eggs are vulnerable and must therefore be handled with utmost care and precision. For loading these containers with setter trays, COBOT Automation is able to offer a complete solution.



KB25 SETTER TRAY ROBOT



KB25 SETTER TRAY ROBOT

This solution is suitable for process 30 cell cardboard trays and setter trays with just one combination gripper.

A unique feature, is that the robot always scans the exact shape and position of the setter tray in the transport container. In this way, it is perfectly able to handle deviating positions inside the transport container.

Another great benefit is that the robot collects the empty setter tray from the transport container, places it on the packager's denester and slides back the filled setter tray. This unique feature ensures a fully automated process.

The conversion from 30 cell cardboard tray to setter tray is done in no time, by placing a fitting part on the robot gripper

Due to the smooth and accurate movements of the robot, it has been proven that the eggs retain a higher quality than when processed by human beings. In addition, the robot is faster, more consistent and more reliable.

COBOT Automation also has various solutions for processing setter trays in hatcheries. The high capacity allows processing of several setter trays in one handling.

The safety can be made of fences or light curtains.

Picking up from existing discharge conveyor behind tray stacker. Optional conveyor belts up to inside the robot cell.

Compatible with any packager brand. Touch screen at packager for operation.



Robot automatically scans the exact shape and position of the setter tray in the container.

Quick conversion from setter tray to pulp tray with fitting part.

The robot removes the empty setter tray from the container and automatically fills the packager's denester.