



For Immediate Release

Product: The Egg Surveillance System (Automated Debris Detection)

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Rota Technologies, LLC is offering a solution to help Egg Poultry Farms reduce the amount of damaged equipment and slower production rates from equipment stoppage or breakdown due to foreign debris and excessive manure on their conveyor belts. The Egg Surveillance System can decrease costs and improve productivity by spotting and alerting for foreign objects before they become a problem. With our new automated “self learning” debris detection system, an A.I. based machine vision system that gets “smarter the longer you own it”.

One of the major causes of egg processing equipment breakdown is foreign objects and debris on an egg conveyor belt leading into an egg grader. Another concern is excessive manure and chicken body parts on the belts as in a cage free environment.

How Rota Technologies, LLC solves the problem with artificial intelligence and machine learning – The Egg Surveillance System.

Are you paying employees to stand and watch for debris and manure as eggs move down the conveyor belt? The Egg Surveillance System minimizes the human visual element from the detection process with advanced vision technology software. The only true machine vision system in the industry that gets smarter the longer you own it by *learning* when new debris objects are found and spotting them in the future. The ultimate goal is to help you increase your production efficiency and reduce your cost as much as possible.

As eggs move down the conveyor belt the Egg Surveillance System inspects the belt for objects other than eggs. These items may include tools, conveyor parts, light bulbs, bottles, bird house cage system parts, chicken body parts, manure and other miscellaneous items that do not belong on the belt.

When unacceptable debris or manure is found, the Egg Surveillance System will provide an audible and visual signal with an adjustable delay. The operator has an adjustable 15-60 seconds to clear the debris and push an all-clear switch before the Egg Surveillance System sends a signal to automatically stop the conveyor belt. (Depending on where the Egg Surveillance System is positioned in relation to the end of the belt will determine the amount of time the delay is adjusted too.) As a result, breakdown of egg processing machinery and excessive manure is minimized, saving substantial downtime and money.

For additional Information contact:

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