



VISION SYSTEMS & ROBOT BIN PICKING EXPERT



## EVS | Eggs Vision System

### IN-LINE QUALITY CONTROL

Egg grading is the process of sorting eggs according to different features, our advanced Eggs Vision System is a support of the operator to fast identify and monitoring these 4 main features:

dirty	breaks	color	size
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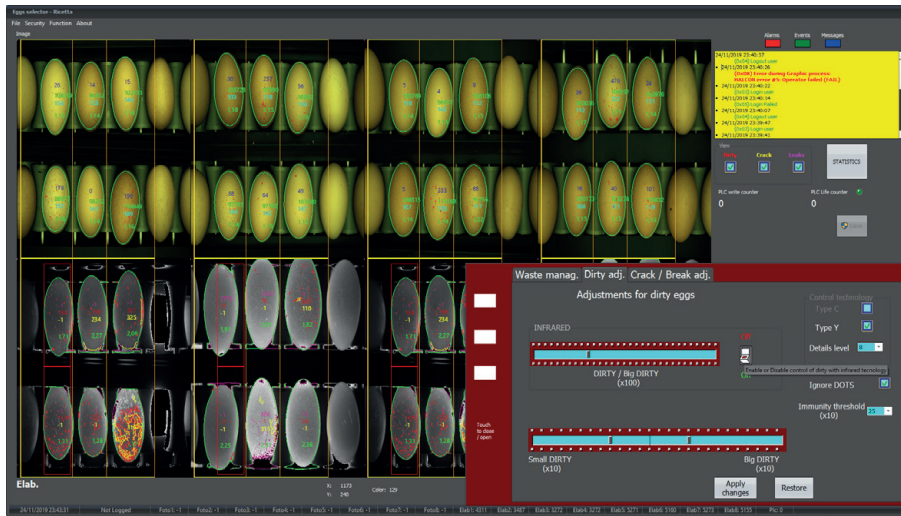
The ensured results with Eppos Eggs Vision System are:

- ✓ increased quality;
- ✓ speed up the process;
- ✓ packing according customers requests;
- ✓ improved traceability.



  
MADE IN ITALY

# EVS | Eggs Vision System



## DIRT DETECTION

The analysis is based on proprietary algorithms of machine vision with plenty of settings in order to customize the sorting according to customers needs:

- brawn eggs and white eggs programs;
- thresholds that can be set by the operator (small, medium and very dirty);
- small dots filter;
- multiple programs can be saved.



## BROKEN EGGS DETECTOR

The system is making use IR light technology placed underneath and away from the egg flow. False rejects are minimized, and shiny wet surfaces do not influence the detection rate. The software is able to see holes on the surface of the eggs and reject them immediately, keeping the line more clean, or, in some cases, classify them as “dirty” avoiding to pack them as good eggs. The benefits are:

- higher quality of packed eggs;
- more hygienic line;
- reduced cleaning time.