



PACKING & DISTRIBUTION SYSTEMS

## PACKING AND DISTRIBUTION SYSTEMS

EFFICIENT FINAL PRODUCT TRAY WRAPPING

### THE STRENGTH OF FOODMATE AND INTRALOX COMBINED INTO ONE SOLUTION: TRAYSORT

TraySort was developed by Foodmate and Intralox to facilitate and improve our customers' final distribution goals in packaged chicken and meat products. The newly developed TRAYSORT grading, packing and distribution system aims to improve labor management, reduce packaging waste and increase throughput. The partnership brings together Foodmate's innovative and efficient cut-up line and vision technology and Intralox's vast experience in maximizing product handling requirements through logical conveyor layout. Foodmate and Intralox's goal is to ultimately create a highly efficient environment for each plant, executing the best in automation capability in cut-up, production and distribution.



TRAYSORT CONTROL&DISTRIBUTION



TRAYSORT offers:

- ✓ Consulting
- ✓ Increased productivity
- ✓ Automated product recognition
- ✓ Improved product handling and optimal presentation
- ✓ Touch-screen automated product recognition criteria

## TRAYSORT CONTROL&DISTRIBUTION

How TRAYSORT increases your productivity

**99.4%**

Vision system  
performance

**99.9%**

System Accuracy

- ✓ The correct product is directed to the correct wrapping machine again saving on packaging costs and labor.
- ✓ Badly packaged product is rejected before wrapping, saving on packaging costs and labour.
- ✓ The system can work with tray gaps as small as 6" thus increasing throughput
- ✓ TRAYSORT Safeguards product quality by ensuring gentle handling and no cross-contamination. The *Active Integrated Motion Multi Lane Sorter* from Intralox is fast, gentle and accurate, resulting in stable product in the tray allowing for optimal presentation.

TRAYSORT offers touch-screen automated pre-programmed product recognition criteria such as:

- ✓ Tray size
- ✓ Tray color
- ✓ Product type
- ✓ Product quantity
- ✓ Orientation on belt
- ✓ Tray gap detection
- ✓ Foreign Object Detection
- ✓ Product Overhang Detection



Utilising inVISION Camera Grading System from Foodmate, the system can recognise and sort products according to customer requirements.

We make it SIMPLE.  
You make it PROFITABLE.



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