

Case Study

# Storage of packaging & packed perishables





# Storage close to production

## Customer and task

"We work with trays, foils, labels and sleeves. In total, these are some 2,000 SKUs. A big challenge was that many products are produced every day so we need the packaging materials every day as well.

We noticed that a lot of time was lost on walking between the storage locations and our production lines. We were looking for a solution with a high storage density so we could store packaging materials closer to our production." Says Aad van Winden, Project Leader at Hessing.

## Solution

Seven Kardex Shuttles were installed, each with its own application. Four Kardex Shuttles for storing packaging materials, two for samples of fresh fruits and vegetables and one for the technical department where tools and parts are stored.

This installation contributes to Hessing's quality standards. The Kardex Shuttles for packaging materials separate the medium care and high care areas, preventing cross-contamination. Inside the Kardex Shuttles, overpressure is used to ensure that no contaminated air enters the high care area. Use By Date samples are stored under constant temperatures of 0 - 4 degrees or 4 - 7 degrees.

Product tracking is important to ensure quality. By integrating the Kardex Shuttles with the existing ERP and MES system, materials can be registered on production orders. This provides insights into which materials are used for which order and makes it possible to trace the entire process in the factory.

## Case at a glance

### Make healthy eating easy

Hessing processes super-fresh vegetables and fruit into ready-to-eat vegetables or meal salads. In Greenport Venlo (Netherlands), they have opened Europe's most sustainable and modern Vegetable Fresh Factory. Here, thousands of fresh products are produced daily. Of course, such a modern factory cannot operate without automation and Hessing has automated as much as possible at this location.

Reduced  
walking  
distances

High  
quality  
of samples

Tracking  
throughout the  
process



### Scope of delivery



4 × Vertical Lift Modules W: 3,580 | D: 3,074 | H: 10,950  
2 × Vertical Lift Modules W: 3,380 | D: 2,921 | H: 10,950  
1 × Vertical Lift Module W: 2,780 | D: 3,074 | H: 8,250



Kardex Power Pick System standalone software solution  
integrated with customers ERP & MES



Conditioned storage including overpressure and  
constant temperatures