



Multi-Depth Storage System for ECS Paneermeel Industrie B.V. in the Netherlands.

**Compact storage for a higher
volume of goods and more
flexibility in the warehouse.**

**JUNGHEINRICH**

Project:

ECS Paneermeel Industrie B.V., Barneveld, Netherlands

Industry:

Food industry, producer of breadcrumbs

Task:

Project planning and realisation of a new racking system for effective storage

Project duration:

January 2016

Services:

- Multi-Depth Storage System
- Jungheinrich Under Pallet Carrier
- Channel racking with a total of 3,500 pallet bays
- Jungheinrich radio data transmission systems
- Reach trucks

Most important results:

- More flexibility for storage
- Improved safety
- Cost-effective storage
- Semi-automatic pallet storage

High-quality products for customers in the food industry

ECS Paneermeel Industrie B.V. is a daughter company of De Korrel Beheer B.V. The production of breadcrumbs has been one of the key competences of De Korrel Beheer since its foundation in 1994. The company supplies high-quality products to customers in various sectors of the food industry. In essence, these are standard goods, but the portfolio also includes tailor-made, customer-specific

solutions such as special grain size, colour, special mixtures or different packaging units. With today's production volume, ECS is one of the largest European producers in this sector.

25 million kilograms of breadcrumbs annually

As a result of the positive development of the order situation towards an annual production of 25 million kilograms of breadcrumbs, the company quickly outgrew its premises and had to lease external warehouses. In order to reduce the storage costs, it was necessary to increase the in-house storage capacity. At the same time, the environmental friendliness could be increased.

The choice: a Multi-Depth Storage System

For De Korrel Beheer, it was important that the First-In First-Out (FIFO) storage principle was ensured. The solution from Jungheinrich: semi-automation of the new production and warehouse building in Barneveld using a Jungheinrich UPC.

The requirement

Increase of goods volume, efficiency and flexibility

The task was, on the one hand, to ensure sufficient rack space for all goods, while at the same time increasing efficiency and flexibility in the warehouse. On the other hand, the First-In First-Out (FIFO) storage principle was to be maintained.

The solution

Multi-Depth Storage System for ECS Paneermeel

Previously, the warehouse structure of De Korrel Beheer primarily consisted of drive-in racks. However, the new all-in-one solution, consisting of a channel rack, carrier trucks and shuttles, offers the company a number of advantages compared to drive-in racks. Simple and efficient technology is the basis for cost-effective storage. The new solution enables De Korrel Beheer to achieve a high space density, whilst using semi-automatic pallet storage. The heart of the Multi-Depth Storage System is the Under Pallet Carrier (UPC). The lowering of the pallets by standard fork arms ensures that they can still be stored and retrieved according to FIFO. By using the UPC, the customer ECS Paneermeel Industrie B.V. profits from optimum performance thanks to batch-by-batch channel filling. With the controlling device mounted on the truck, the driver can control the UPC on his terminal while driving to avoid unnecessary waiting.

Customer statement

Compact and flexible

"The Jungheinrich Multi-Depth Storage System and the Under Pallet Carrier (UPC) enable efficient and flexible storage of palletised goods in compact channel racking systems. Now we can store a complete batch in a channel without affecting the storage density of the upper or underlying channels. We are much more flexible," company owner John Dokter says, explaining his decision.



John Dokter, Managing Director of ECS Paneermeel Industrie B.V. in Barneveld.

Jungheinrich AG

Holzikerstrasse 5
5042 Hirschthal
Telefono 062 739 31 06

Carrale di Bergamo 107
6517 Arbedo-Castione
Telefono 091 829 00 32

info@jungheinrich.ch
www.jungheinrich.ch

More information:

www.jungheinrich.ch

The logo for Jungheinrich, featuring a red upward-pointing arrow above the word 'JUNGHEINRICH' in a bold, black, sans-serif font.