



## Dynamic Storage For Food

Edeka Handelsgesellschaft Hessenring GmbH

KÖHL Maschinenbau GmbH planned and realized a complete solution for EDEKA Handelsgesellschaft Hessenring GmbH for dynamic storage, pallet transport and commissioning.

The transport and storage system is based on the latest technology, it is low in maintenance, user-friendly and individually designed. Its modular setup meets even future demands.



Turning devices

## Dynamic Storage Pallet Transport Commissioning

Appropriate hardware and software provide for trouble-free operation in the intra-plant material flow, such as in production, in the warehouse, in shipping or during commissioning.

Transporting material to the warehouse, supplying commissioning stations, the transportation of pallets and the production interface can all be handled automatically. Transportation is realized by means of roller and chain conveyors, rotating tables, turning devices, traversing trucks, vertical conveyors and pallet conveyors.

### Receiving, automatic storage and commissioning zone for fast moving articles.

In the automatic dynamic storage designed for 4,608 Euro-pallets, approx. 250 fast-moving articles are stored. The pallets are transported from receiving via automatic conveying system to the storage and retrieval unit and placed in storage. Pallets taken out of storage are placed on the automatic conveying system "Feed/ Commissioning" by the storage and retrieval unit.

The distribution to the 2 commissioning areas takes place via external flat distribution trucks to 128 commissioning stations, designed as gravity-type roller conveyors for pallet cross conveying.



Pallet transport, linking dynamic storage with the commissioning zone



Buffer conveyor at receiving, Storage and retrieval unit, Putting into dynamic storage



Transfer to distribution trucks, Buffer section at receiving

INFO • KONTAKT Köhl Maschinenbau GmbH · Diedenhofener Str. 6-8 · D - 54294 Trier ·  
Tel. +49 (0)651 81 08 - 200 · Fax +49 (0)651 81 08 - 208 · info@koehl.de · www.koehl.de