

Körber Supply Chain

# Layer Picker Solutions

Innovative automated solutions for your layer picking operations



# Revolutionizing your warehouse processes

**Standalone, turnkey supply chain solutions tailored to deliver high-performance layer picking for large fast moving consumer goods (FMCG) producers and 3PL providers.**

The K.Handle Layer Picker is the industry standard for both de-palletizing and pallet-to-pallet picking

With Körber Layer Picker® Solutions, you can combine high-bay storage, conveyors, cranes and a warehouse control system with our market-leading Layer Picker technology.

#### **Order picking and mixed pallet creation**

Layer Picker Solutions offer fully automated layer picking, allowing you to create mixed-layer customer pallets and de-palletizing layers for case descrambling. This significantly increases production output while reducing the need for manual labor.

#### **Automated picking of layers**

Our Layer Picker is at the heart of Layer Picker Solutions. Using unmatched, proven technology, based on a unique combination of suction and clamping, it can even pick layers with voids. It adapts to and handles almost any item, including fragile cases and heavy layers of crates.

#### **Scalable solution**

The solutions can be scaled to suit layer picking needs, from a small volume of layers with just a few SKUs up to +10,000 layers with +5,000 SKUs per day.

#### **Features and benefits**

- **Reduced need for manual labor**
- **High-speed layer picking and accuracy**
- **Vastly reduced product damages**
- **Efficient footprint utilizing warehouse space**
- **Also operates in deep freeze environments**

#### **Expert partner**

Körber's in-depth knowledge of layer picker technology means we can channel this knowledge into design, sizing, and execution of state-of-the-art layer picker projects.

## Functionality

Our turnkey Layer Picker Solutions are ideal for fulfilling complex orders with unmatched efficiency.

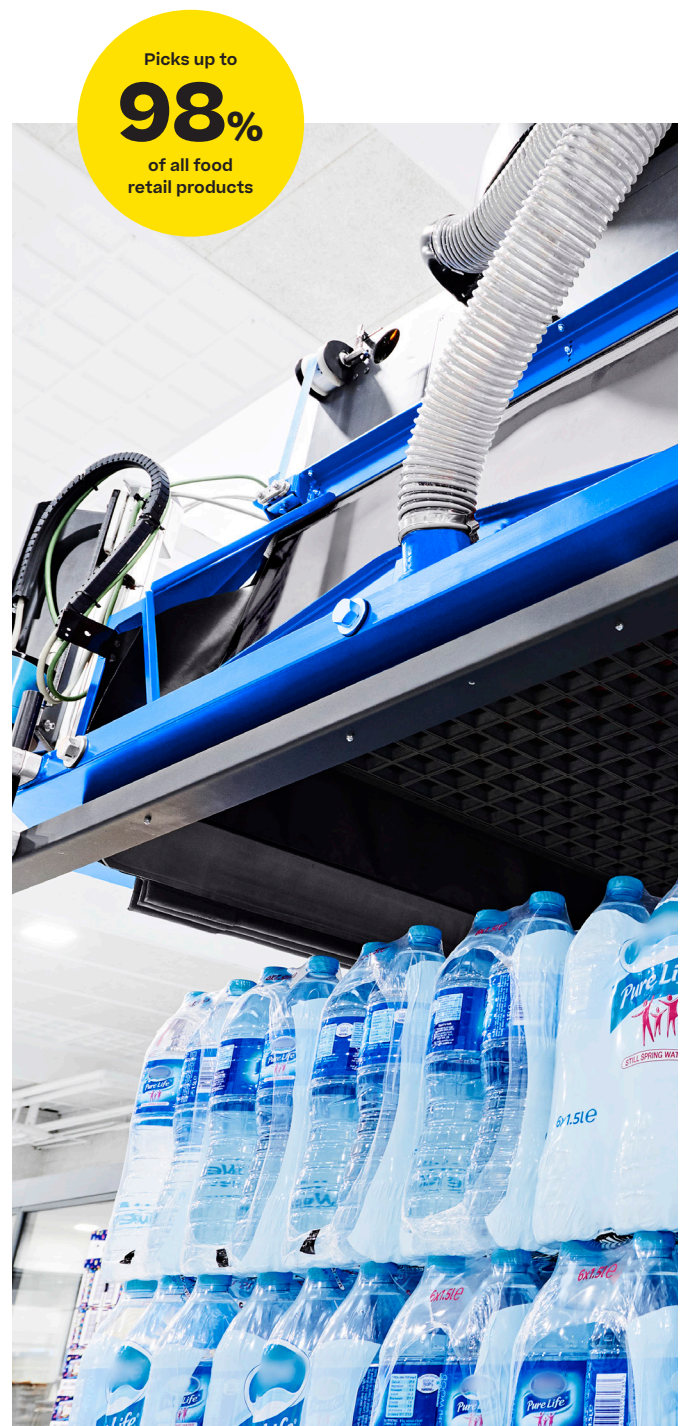
- Combine high-bay storages, conveyors and our Warehouse Control System (WCS) with the market-leading Layer Picker technology
- Support mixed pallets in an automated, software-driven process
- Automatically pick layers for rainbow and sandwich pallets, replacing the need for manual full-layer picking
- Realize from 1,000–10,000 layers per day
- Individually configure to your needs with standardized modules to create customized solutions
- Proprietary WCS software can be integrated into any warehouse software environment
- Can be expanded to include single case picking, load sequencing and other types of automation

**“The team behind the Layer Picker is very professional, and this has given us even more confidence in the solution, which delivered outstanding results from the first push of the button.”**

Stuart Alldrige, Senior Project Implementation Manager  
Kraft-Heinz UK



The Layer Picker handles an extremely large variety of goods including complex items normally deemed unfit for automated handling.



# Layer Picker Solutions

Operates also in  
**-28°C**  
-19°F



This standalone Layer Picker Solution with integrated AS/RS storage is capable of handling up to 10,000 picks per day.

**Customized solutions**

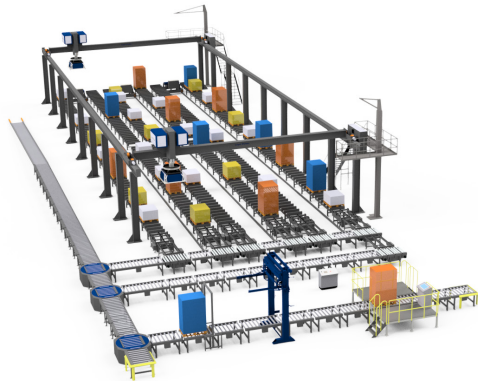
Layer Picker Solutions are centered around the Layer Picker models and technology, customized to seamlessly integrate conveyor technology, AS/RS cranes, smart software and other key technology required to meet your needs.

# Körber Layer Picker Solutions

Developed in collaboration with our customers, from idea generation to the final implementation.



This standalone Layer Picker Solutions configuration, with one Layer Picker head, handles up to 2,000 picks per day.



This standalone Layer Picker Solutions configuration, with two Layer Picker heads, handles up to 4,000 picks per day.

## Customization

Customizing your solution:

- Operative profitability from 1,000 layer picks per day
- Focus on your individual business case
- Customer order data, material flow and production requirements drive the design criteria
- Visual simulation, based on real customer order data, can be used to confirm the design
- Highly standardized and modular solutions to support almost any set-up and need

## Technology

Unmatched performance for your warehouse:

- The most versatile solution on the market
- Unmatched picking technology combining suction and clamping
- More than 600 Layer Picker installations globally
- Industry standard for de-palletizing and pallet-to-pallet picking
- Picks both single or multiple layers and layers with voids
- Operates in temperature ranges from  $-28^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$  ( $-19^{\circ}\text{F}$  to  $+104^{\circ}\text{F}$ )

## Test your products

Visit our showroom and customer test center in Denmark to see our Layer Picker solutions in action. Here, they are available for product testing, so you can verify if a Layer Picker is the right solution for you.

Contact us for more information!



Layer Picker Solution installed at  
Coca-Cola European Partners,  
Antwerp in 2020.

