

Körber Supply Chain

Leading edge layer picker technology

A unique automated
solution for de-palletizing
and pallet-to-pallet handling



The industry standard

The K.Handle Layer Picker simplifies your warehouse operations with its unique product picking performance. No other pallet-to-pallet/de-palletizing solution matches its versatility.

The Layer Picker is available in three versions for different areas of use – Robot, Hoist and Gantry.

More than
700
Layer Pickers sold
worldwide



Layer Picker Robot

Suits a number of situations, providing fast, flexible and highly reliable handling.

- Equally well suited for pallet-to-descrambling and pallet-to-pallet picking or a combination of both
- Up to eight pick and drop positions
- An efficient and flexible solution that fits in most logistics solutions
- Minimal height requirement



Layer Picker Hoist

Provides reliable and simple de-palletizing and picking functions.

- Used predominantly for high-volume de-scrambling
- Operates on two levels, lifting the pallets to the Layer Picker head at the mezzanine level
- Works even in deep-freeze environments, down to -28°C (-19°F)
- Minimum footprint and adaptable design



Layer Picker Gantry

Allows a large number of pallets to be available at the same time.

- Used predominantly for high-volume pallet-to-pallet handling
- Can be extended with a pallet-to-descrambler solution
- Works even in deep-freeze environments, down to -28°C (-19°F)
- Can be built to almost any size and number of pick pallets



Being a fully automated solution, the Layer Picker swiftly and accurately picks layers and eliminates your reliance on manual layer pickers.

Transforming full pallets into items on tray

The Layer Picker product portfolio includes a complete downstream system designed for simple and quick handling of items, from the sensitive to the complex.

Fully automated from pallet to tray

In combination with the Layer Picker, the K.Handle Downstream Line transforms full pallets into single items on trays without any need for manual intervention.

All the modules manipulate the items on-the-fly, never having to stop the flow – always ensuring a high capacity.

The complex made easy

The Downstream system breaks down pallets into single items through an advanced system. Firstly, the full pallets are separated into layers with the use of the Layer Picker. Next, the system automatically removes interlayers when needed and further separates the layer into single items.

The single items can be turned and tilted safely into any desired orientation. Finally, the outfeed is composed of single items, directly to a conveyor or loaded onto a tray with multiple items in various patterns.

Expert partner

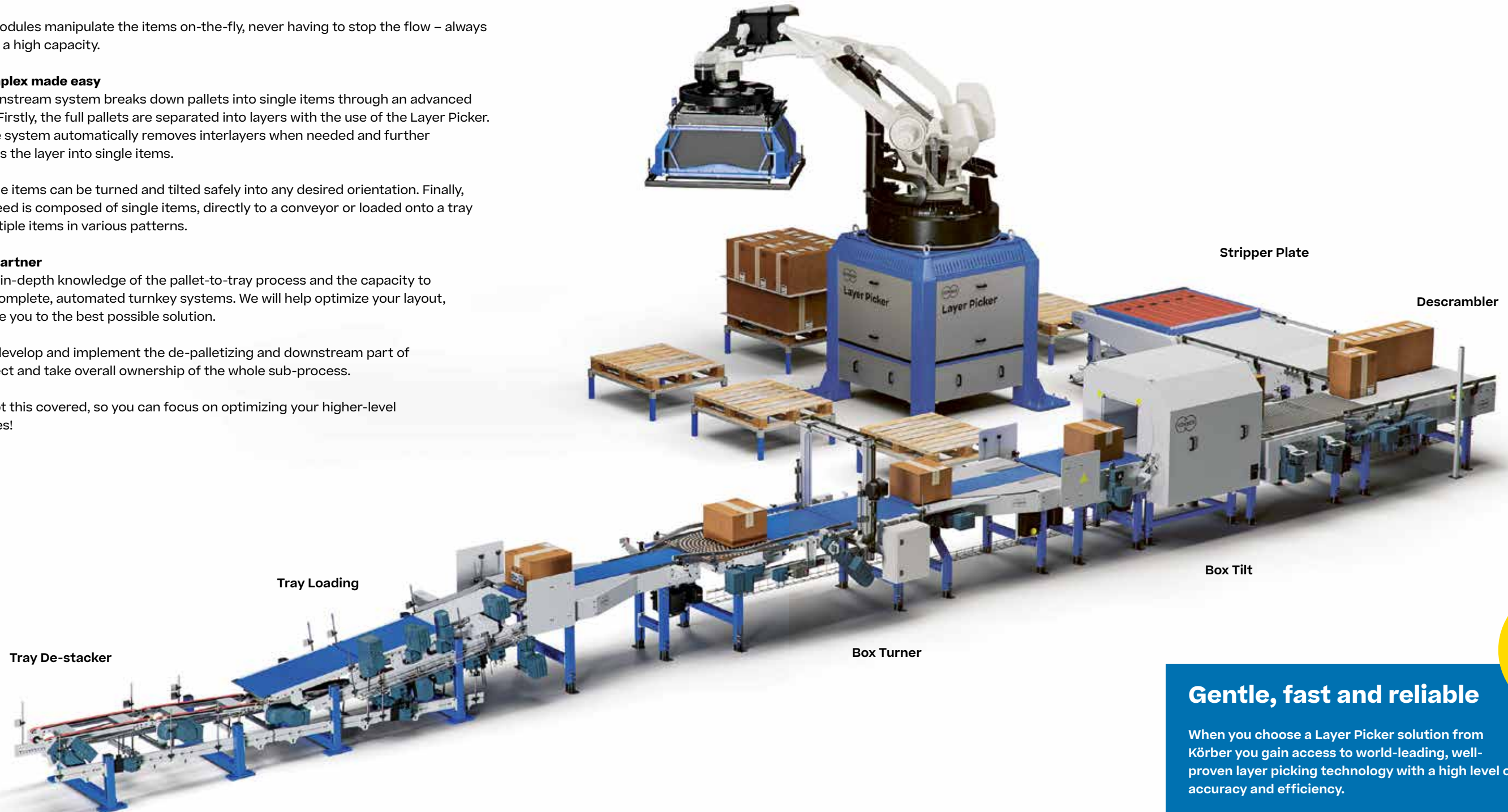
We have in-depth knowledge of the pallet-to-tray process and the capacity to deliver complete, automated turnkey systems. We will help optimize your layout, and guide you to the best possible solution.

We can develop and implement the de-palletizing and downstream part of the project and take overall ownership of the whole sub-process.

We've got this covered, so you can focus on optimizing your higher-level processes!

“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 Alldridge, Senior Project Implementation Manager
Kraft-Heinz UK



Picks up to
98%
of all food
retail products

Gentle, fast and reliable

When you choose a Layer Picker solution from Körber you gain access to world-leading, well-proven layer picking technology with a high level of accuracy and efficiency.



Körber's Layer Picker is the industry standard and leading technology for both de-palletizing and pallet-to-pallet picking.



The Layer Picker is commonly used within food retail, FMCG and 3PL operations.

Layer Picker in the food retail sector

Our Layer Picker can handle up to 98% of all product types, using the same head, to simplify your warehouse operations.

Deep-freeze versatility

Our highly versatile Hoist, Gantry and downstream equipment can operate in temperatures ranging from -28°C to +40°C (-19°F to +104°F).

Future-proof investment

Our solution prepares you for the demands of the future. Unmatched and proven, our unique, patented technology combines suction and clamping. Its software also comes with 20 years of innovation and practice - it handles thousands of different SKUs across the globe.

As a customer, you get a customized solution based on standardized equipment. This makes it possible to maintain and upgrade when new technology becomes available.

Integrated or standalone

The Layer Picker can be integrated in various warehouse designs. It can also be deployed as a standalone, turnkey solution.

Exceptional capabilities

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

- Fragile products – e.g. crisps
- Light products
- Heavy products (up to 360 kg)
- Tiny cartons
- Display cartons
- Cartons with loose lids
- Open crates and plastic totes
- PET
- Layers with voids
- Multiple layers
- Empty pallets
- SRS/IFCO/STECO
- Various pallet types
- Slip sheets are removed with the layer

Showroom and test center

The more complex and varied the packaging, the better the fit for the Layer Picker. Come and see for yourself!

Test your products in the Layer Picker

The Layer Pickers are available for product testing. It's an opportunity to check whether the Layer Picker solution is the right choice for you and your customers.

Contact us for information or to book an appointment. We're committed to helping you conquer supply chain complexity.

“Körber has helped us grow our business for more than a decade with their Layer Picker solutions. They understand that service does not end when the project is finished.”

John Pelzer, Technical Manager
Kuehne+Nagel, Netherlands



Visit our showroom to see the Layer Pickers in practice. All three variants – Robot, Hoist and Gantry – are always set up and ready.

Any questions?

Need more information about our Layer Picker systems and our services?

For any enquiry, or to book a demonstration and testing, we are at your disposal with our comprehensive know-how.

We would be happy to also help you reduce complexity.

Get in touch!

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Information herein is subject to change without notice.

