

Pallet sortation and quality control

The pallet sortation and quality control solution inspects and sorts various types of pallets automatically without manual handling.

Use and application

The system handles mixed stacks of empty wooden and plastic pallets. The pallets are loaded and automatically destacked, inspected and sorted in the system. Pallets verified fit for purpose are then ready to be picked up and continue their journey further down the distribution chain.

Function

Mixed stacks of empty wooden and plastic pallets are loaded onto the system, and automatically destacked and sorted.

The pallets pass through a nail press, pushing protruding nails back into them before they are centered and conveyed through the pallet check station for a quality check. Here the pallets undergo an automatic inspection of top and bottom boards, blocks and tunnels, and any residue of foil is detected.

Finally, the pallets are sorted and stacked according to quality, and are ready to go to the pickup position in stacks of 16 pallets.



“There is a lot of innovation happening, and we stay agile by integrating with the latest and greatest technology.”

Michiel Veenman
Körber

Key benefits

Technology agnostic

We don't stick to any single technology. We deploy the technologies that work best to increase your process innovation and reduce your business complexity.

Practical thinking

By understanding the business processes and material flows you need to optimize your competitiveness, we shape the optimal supply chain solution for you.

Risk-free delivery

We deploy the newest technologies only after thoroughly evaluating their design, reliability and effectiveness. In this way, we deliver risk-free projects on time and with the right result.

Research-based results

By taking the time to understand your business operations and value chain, we deliver custom solutions for your B2B, B2C and online supply streams.



Benefits

The sortation and quality control system runs steadily and efficiently, and is simple and easy to operate and maintain. It minimizes manual handling of pallets and is a great ergonomic win for the employees.

The sortation of pallets into usable and defective pallets is optimized due to the automatic quality control – the human eye cannot scan the pallets as well as the system does. The quality of the pallets is vital for the entire distribution to run smoothly, and as such the system adds stability to the entire downstream process.

The automatic pallet sortation and quality control solution fulfills the demand for:

- Fast, automatic sortation
- Removal of defective pallets
- Highly improved ergonomics
- Repair of protruding nails

Our solution in use



ASKO NORD

ASKO NORD, Norway's largest grocery wholesaler, needed to improve ergonomics by automating the heavy lifting of pallets. Körber provided a system for fast and automatic sortation, removal of defective pallets and highly improved ergonomics, which fulfilled their expectations 100%.

Contact us to discuss your warehouse's requirements
koerber.com/competency

The Körber difference

We map your existing processes and customer requirements, and implement targeted, meaningful solutions. By applying integrated technologies developed by the leading industry innovators, we remain responsive and agile to our clients' changing needs.

“Our aim, first and foremost, is to be the best lifecycle partner for our customers.”

Thomas Metz
Körber

