

Space Optimization

Here are the top five space-related challenges today's warehouses face, and how solutions such as shuttle-based pallet storage are addressing them:



Maximizing warehouse space when square footage is unavailable – or at a premium

Start Thinking Vertically. Shuttle-based pallet storage allows warehouses to stack racking as high as they like and reduce the amount of additional warehouse space they must purchase.



Allowing space for forklifts and employees to maneuver

Rely on Density. Shuttle-based pallet storage collects goods with a shuttle car and a lift (or vertical conveyor function) rather than a forklift, allowing for denser racking.



Keeping employees safe from injury

Automate Your Most Dangerous Tasks. Shuttle-based pallet storage takes humans out of the physical picking process altogether – reducing the chance of injury while picking items or driving a forklift



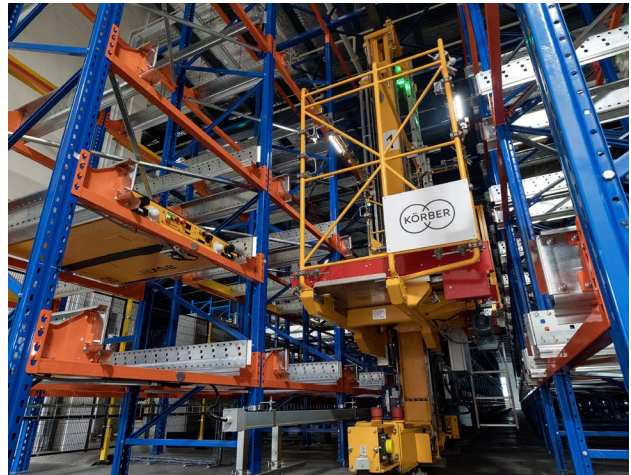
Preventing product waste caused by overloaded or improperly sized pallets

Find the Right Fit. Shuttle-based pallet storage features a profile and weight check station at the input conveyor, ensuring improperly or overweight pallets aren't moved into the racking.



Reducing the number of products stored on shelves past their expiration date

Track Storage Data. Shuttle-based pallet storage operates on FIFO (First In, First Out) and LIFO (Last In, First Out) capabilities, ensuring no goods go to waste on the shelves.



If you're considering a storage automation project, ensure your solution provider and you are aligned on expected outcomes with these five simple questions:

- 1 Is your pallet storage system a one-size-fits-all design, or can it be modified for a warehouse's unique needs?
- 2 How much extra storage space will I gain with your system? How densely can your racking pack goods?
- 3 What percentage does your system reduce employee injuries and downtime caused by picking accidents?
- 4 How does your system prevent improperly-sized/overweight pallets from reaching the racking?
- 5 What options do I have to ensure my storage system is collecting the goods closest to their expiration date?

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