

## BITO Mobile pallet racking

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**BITO**  
STORAGE SYSTEMS  
NORDIC



# Mobile pallet racking makes optimal use of warehouse space

Space optimisation and storage density are key concepts in any consideration of reducing storage costs. Whenever storage space is to be optimally utilised and space occupancy reduced in favour of new storage space, opting for mobile racking systems provides the most efficient solution.



**Mobile pallet racking in use at Hörmann**

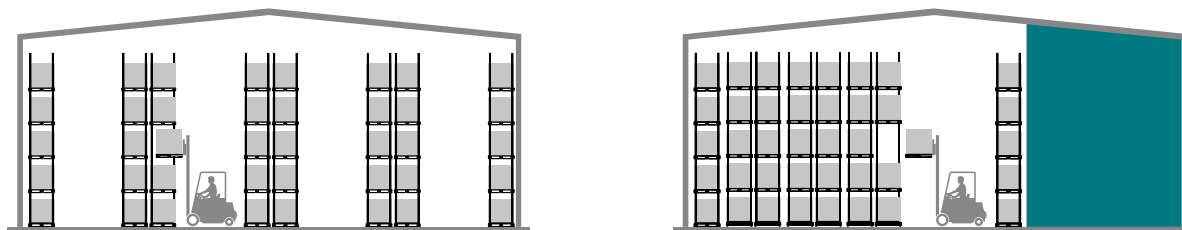
## Product advantages:

- ✓ Mobile pallet racking reduces the need for costly floor space.
- ✓ Only one aisle needs to be open for order picking.
- ✓ With the entire racking facility mounted on mobile bases, service aisles can be opened and closed as required.
- ✓ Instead of one aisle wide enough for truck circulation, it is also possible to open several smaller aisles for manual picking.
- ✓ Mobile pallet racking can be installed in new buildings and also integrated into existing warehouses.

# Mobile pallet racking helps to gain space by improving storage density

## Gain of space

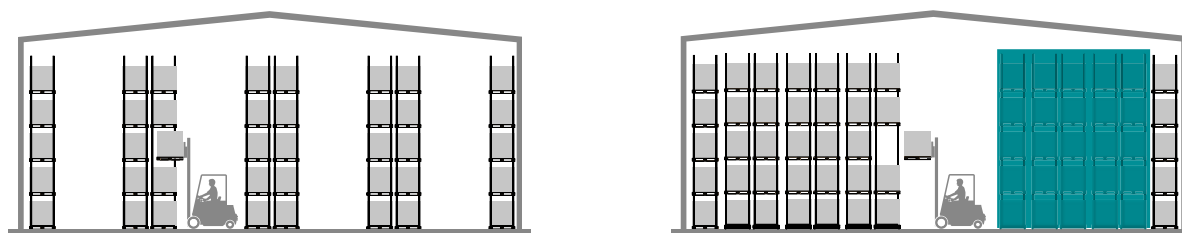
Maximum storage capacity with optimum use of space: When building a new hall, either less storage space can be budgeted for which significantly reduces construction costs or additional space for expansion can be created.



Floor space occupation reduces by some 40%

## More storage capacity

In existing (static) racking systems, storage capacity increases significantly by converting to a mobile system.



Storage capacity increases by some 75%

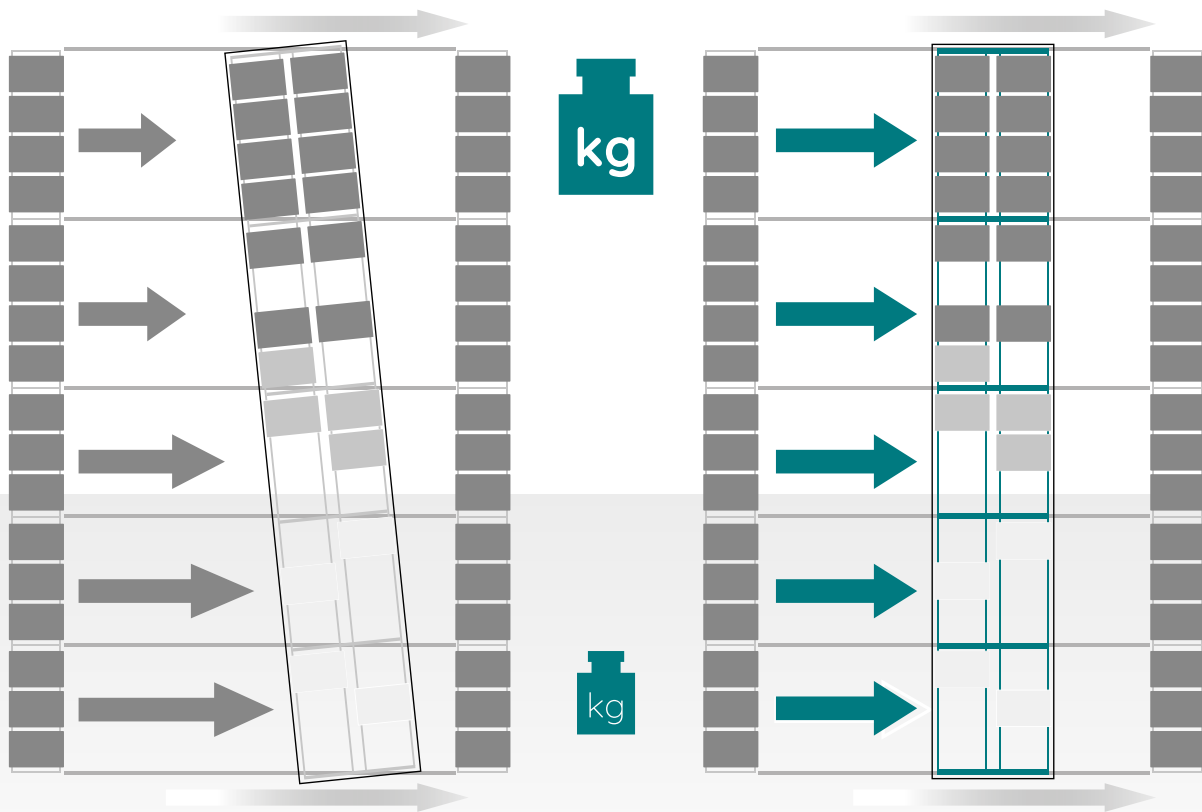


# BITO Mobile pallet racking PROmobile synchro

with permanent distance control function

With its synchronisation function, BITO **mobile pallet racking** has a clear lead over competitor products. This ensures that mobile bases move perfectly parallel to one another at all times, even when racking levels are carrying different weights or loads are distributed unevenly.

Shelving or racking rows are not opened and closed mechanically, as is traditionally the case, but electrically, ensuring that the mobile bases remain absolutely parallel to each other, both in rest position and when moving. Aisle widths can therefore be planned down to a few millimetres and optimally spaced.



Without synchronisation control, racking rows with unevenly distributed loads tend to run askew.

Electric control instead of a conventional mechanical control mechanism allows perfect synchronisation.

## Advantages of permanent distance control:

- ✓ Permanent distance monitoring minimises wear and tear on wheels and guide rails.
- ✓ Optimal routing for service vehicles: Fast movers can ideally be loaded at the beginning of a racking row and slow movers at the end.
- ✓ Uneven load distribution is no problem! Loads can be distributed on the racking levels according to turn-over frequency, regardless of their weight.



**Mobile pallet racking is a particularly cost-efficient storage solution for fresh produce, dairy products and frozen foods**



# Maximum use of limited storage space

## About the customer:

Over the past 75 years, Schwälbchen Molkerei based in Bad Schwalbach has developed into a recognised high-performance dairy company with three locations (Mainz, Ilfeld and Korntal-Münchingen). Today's processing capacity has risen to almost 150 million litres a year. The company which employs 385 people is known for its regional products and for supplying catering size packs to gastronomy.

## Customer requirements:

- Provide 1,300 pallet positions.
- Reduce energy costs through high-density storage.
- Allow for buffer storage.







## Safe, compact and efficient warehouse operation



### THE BITO SOLUTION

- BITO Mobile pallet racking to make optimal use of the available storage volume.

### Customer benefits

- The compact storage solution increases storage capacity by 75%.
- The mobile storage facility can be operated with less service vehicles. Since less service aisles are required, space occupation has risen from 40% to 75%.

WE TAKE THE TIME  
TO GIVE ADVICE.



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