

# BITO Carton live storage racking

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# BITO Carton live storage racking

**Carton live storage installations** consist of flow levels that are mounted to the racking frames with a slight incline. Goods are stored and picked in FIFO order. They are replenished at the rear side and move on roller tracks to the opposite side where they can be picked as needed. The system has been designed for goods stored in plastic bins or in cartons as well as for individual items.



Carton live storage racking in use at BorgWarner

Advantages of system:

- ✓ Ideal for products with a medium to high turnover
- ✓ Improved operator productivity
- ✓ Picking performance is up to five times higher compared to conventional shelving
- ✓ No downtimes as there is always sufficient product supply in the lanes
- ✓ Goods are stored in FIFO order

# Shorter travel times improve your workflow

Carton live storage supplies goods on a FIFO basis

## Customer requirements:

- Improve order picking productivity
- Increase turnover frequency
- Make order processing more efficient
- Reduce picking errors
- Easy-to-pick product presentation

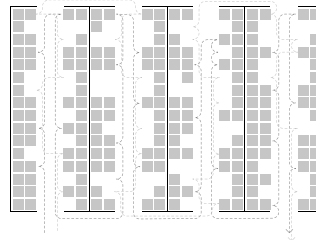
## Direct access to all product lines

Picking orders from static shelving means that order pickers have to deal with long walking distances. BITO live storage racks provide all reference lines at the picking face, thereby minimising walking distances.

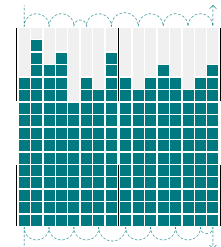
## Additional storage space

Reducing the number of service aisles increases storage density, provides a gain in floor space of at least 30% and unlocks storage capacity.

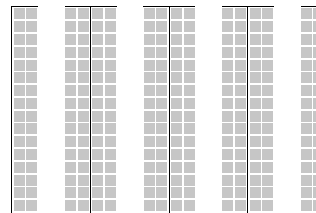
Picking time with conventional shelving



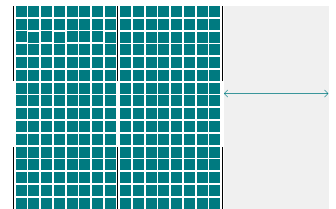
Picking time with carton live storage



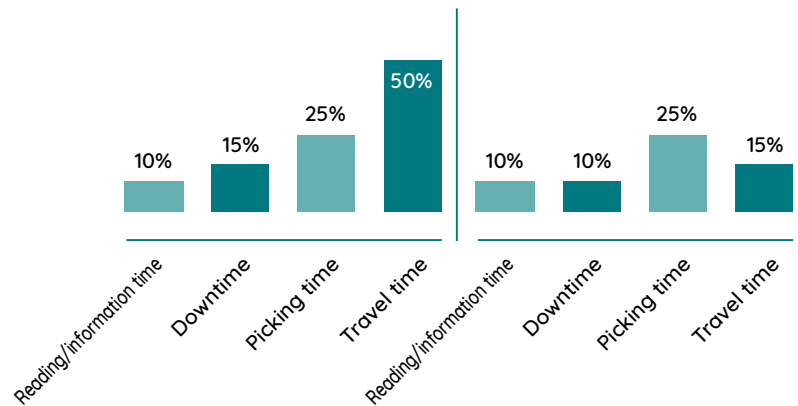
With conventional shelving



With BITO carton live storage



30% gain of floor space



## Efficient, versatile, safe

- **Shorter order picking times** – travel times are minimised
- **Improved ergonomics** – the system reduces the workload of employees and enables quiet product handling on roller tracks
- **Flexibility** – the racking system can be easily reconfigured to meet new requirements

## Safety:

- Low risk of accidents
- Long service life
- Single-reference lanes
- Optimal monitoring of sell-by dates

# Adapt your racking to new requirements – Modular design allows easy retro-fitting

The BITO modular system includes the following components:



1. Frame adapter for mounting flow shelves



2. Flow shelf SDS-Flex



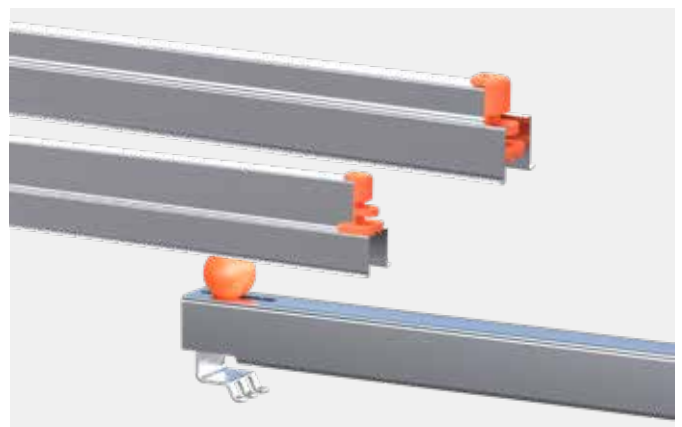
3. Roller track with cylindrical rollers on a plastic axle



4. Roller track with cylindrical rollers on a steel axle



5. Roller track with flanged rollers



6. Various guide rail options



7. BITO Brake rollers



8. Carton live storage racking - on castors

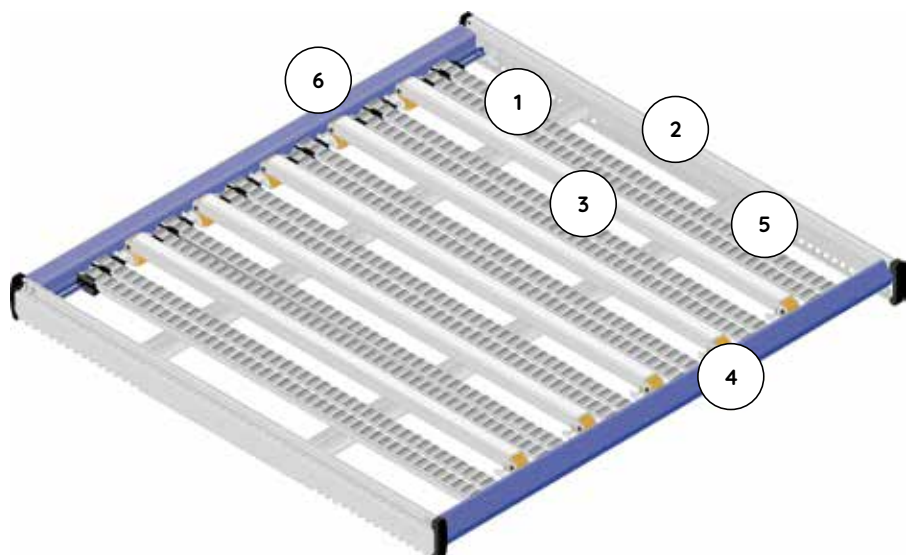
Flow shelves guarantee a smooth workflow

They come in three variants:

- Straight flow shelf
- Straight flow shelf with inclined picking tray
- Angled flow shelf



- 1 Roller track
- 2 Flow shelf side profile
- 3 Push-flat guide rail
- 4 Flow shelf front profile
- 5 Flow shelf interior profile
- 6 Flow shelf rear profile



# BITO Adapta-Flow modules accommodate storage units of different size and weight

## About the customer:

As one of the world's leading logistics providers, **DACHSER** have successfully maintained their position for decades. The foundation for such entrepreneurial thinking and acting is based on the initiative of the founder, Thomas Dachser. Today, the company, which was founded in 1930 and is headquartered in Kempten, is one of the world market leaders in the field of operations management and logistics. A seamless global transport network and pioneering IT solutions enable the world's most intelligent combination and integration of logistics network competencies.

The company has approximately 27,450 employees and 405 locations worldwide. In Germany, some 14,316 employees work for the logistics company at 69 locations.

## Customer requirements:

Optimise order picking processes within the existing pallet racking facility. Reduce order throughput times. Provide a handling solution for loads of different size and weight.





## THE BITO SOLUTION

- BITO Adapta-Flow modules
- Roller tracks
- Universal lane dividers

## Customer benefits

- For particularly heavy unit loads with critical start-up and travel characteristics, roller tracks can be replaced by full-width rollers.
- Using BITO Adapta-Flow modules provides the highest degree of flexibility for handling loads with very different weights.
- Efficient order picking: Much more reference items in 50 flow lanes per racking bay are now available instead of originally six single-reference pallets.



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WE TAKE THE TIME  
TO GIVE ADVICE.

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