

# BITO PROmobile synchro

Synchronised speed system allows uneven load distribution

**NEW**  
Mobile pallet racking  
+ permanent  
distance control  
system



**BITO**  
*...or how do you store?*



»BITO PROmobile – high density storage allows near-total utilisation of storage space«



# BITO PROmobile – Mobile pallet racking at its best

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## What is BITO PROmobile?

- > PROmobile is pallet racking moving on wheels.
- > Each racking run is mounted on a heavy-duty rolling carriage guided by floor-mounted tracks and driven by integral electric motors.
- > Advantage over static pallet racking: only one operating aisle is required to access all pallet locations.
- > The system can be operated via a button control panel or via radio frequency communication. It can also be linked to your warehouse management software and programmed to your needs.
- > PROmobile can be retro-fitted into existing warehouses or integrated into new constructions.

## When should you consider a BITO PROmobile facility?

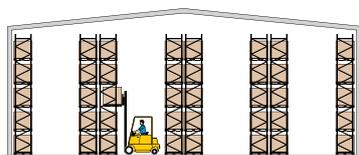
### ■ You need to increase storage density and make better use of your warehouse space?

- > BITO PROmobile provides near-total utilisation of your available space.
- > Unlike gravity-driven live storage, BITO PROmobile operates without inclined lanes which allows to make optimum use of the available warehouse height.

### ■ You have a large product range and make frequent changes to your product mix:

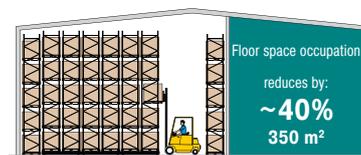
- > BITO PROmobile does not compromise on selectivity, as there is no need to move one pallet to retrieve another.
- > Batch size 1 is no problem! BITO PROmobile is ideally suited for a large product variety and frequent changes to a product range. **Stay flexible!**

### Conventional pallet racking

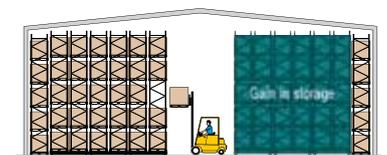


Floor space **800 m<sup>2</sup>** = 1.008 pallet positions

### BITO PROmobile – Mobile pallet racking



Floor space **450 m<sup>2</sup>** = 1.008 pallet positions



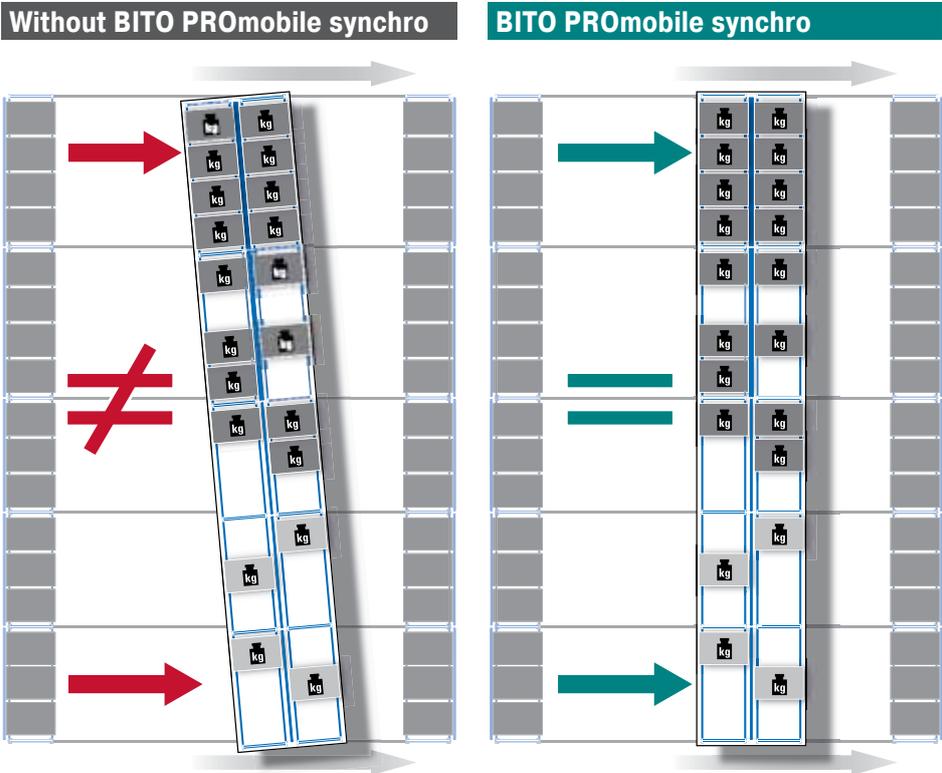
Floor space **800 m<sup>2</sup>** = **1.764 pallet positions**

# BITO PROmobile synchro – Synchronised speed system provides permanent distance control

**CAN  
ALSO BE  
RETRO-  
FITTED!**

### What does "permanent distance control" mean?

- > BITO PROmobile ensures that the same distance between the carriages is maintained at any given point in length during the entire aisle opening or closing action.
- > Electric motors have replaced conventional mechanical operation.



> Operation without synchronised speed system if loads are unevenly distributed

> Electric motors have replaced conventional mechanical operation.

# BITO PROmobile synchro – Features and benefits

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## What are your benefits?

### ■ Low operating costs during the entire service time of your installation.

- > The permanent distance control system reduces wear and tear of wheels and tracks. This reduces long-term operating costs through lower service costs and less downtime.

### ■ Uneven load distribution is expressly authorised!

- > The permanent distance control system allows distribution of goods in any order on the racking levels - whatever the weight of your loads!
- > BITO PROmobile synchro makes sure that the carriages always move parallel to each other to prevent skewing. Circumstances with a risk of higher wear and tear do not occur.

### ■ In-house travel routes for service vehicles are optimised.

- > Goods can be loaded anywhere on the racking irrespective of their weight.
- > Fast movers can be loaded at the beginning of a racking run and slow movers at the end. **This reduces access times!**





»BITO PRomobile synchro can be retro-fitted to all existing BITO PRomobile pallet racking facilities!«



# BITO PROmobile synchro – More extras

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## BITO PROmobile synchro is able to cope with demanding situations. What are your challenges?

### > Special length and narrow width carriages

In both cases, the mechanical parts involved in carriage guidance are subjected to maximum strain resulting in increased wear and tear and higher operating costs. PROmobile synchro reduces this effect by permanently monitoring and correcting any skew.

### > High precision operation for efficient order picking

Aisle widths can be regulated with near millimeter precision. Select the number of open aisles and the aisle width you need, whether for manual picking or load handling with a service vehicle!

### > Intelligent fire protection

The permanent distance control system allows to move the racking runs into a preset "fire alert position" within a very short time. On top of this, the system is able to locate hazard situations and to react accordingly, for example to a fire source.



## Extended warranty – at no extra charge!



The PROmobile synchro system has been proven extremely reliable and safe. With full confidence, we can give all our PROmobile synchro customers an extra 2-year warranty on all mechanical carriage components – on top of the usual 2-year warranty granted on our products. An extra that does not cost you anything!

**dk.bitodanmark.com** 

**BITO Lagerteknik A/S**

Hestehaven 21 I

DK-5260 Odense S

Tel.: +45 70 21 51 51

Fax: +45 65 90 52 41

E-Mail: [info@bitodanmark.dk](mailto:info@bitodanmark.dk)

**se.bitose.com** 

**BITO Lagersystem**

Florettgatan 29c

SE-25467 Helsingborg

Tel.: +46 (0) 42 151910

E-Mail: [info@bitose.com](mailto:info@bitose.com)

**fi.bitofinland.com** 

**BITO Varastotekniikka**

Äyritie 12 B

FI-01510 Vantaa

Tel.: +358 9 8700 1150

E-Mail: [info@bitofinland.com](mailto:info@bitofinland.com)

**www.reolteknikk.no** 

**Reolteknikk AS**

Hellenvegen 22

NO-2022 Gjerdrum

Tel.: +47 6393 5200

E-mail: [post@reolteknikk.no](mailto:post@reolteknikk.no)

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