



# dynamic storage

PROVEN SOLUTIONS FROM MORESECURE

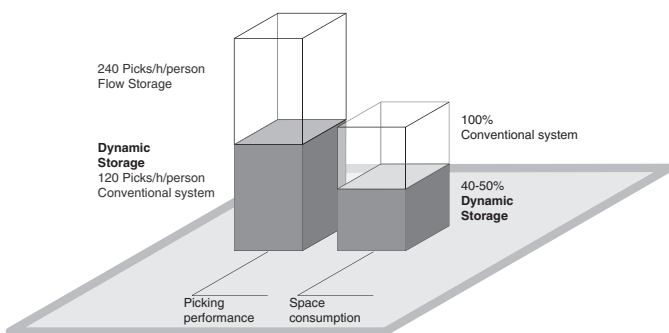


MANUFACTURED IN THE UK



# why dynamic storage?

**cost effective and efficient high density storage  
with excellent space utilisation**



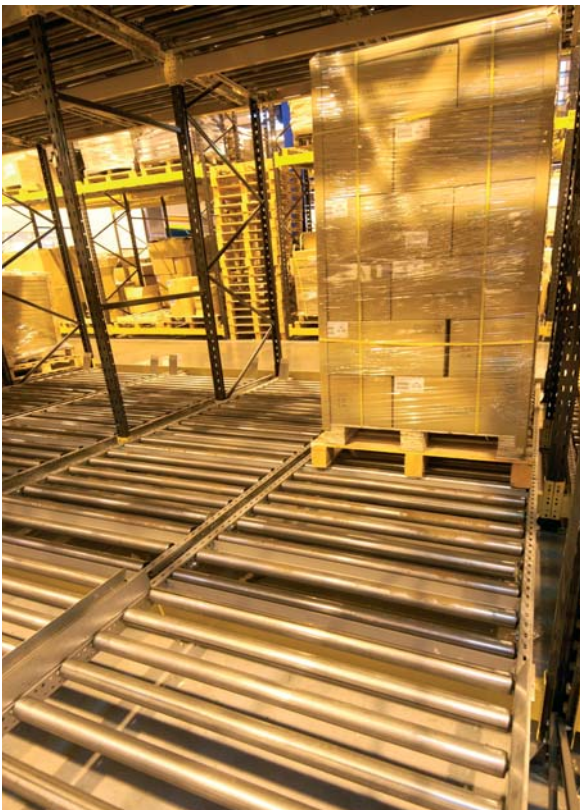
- High density cubic storage saves space  
- there are no intermediate aisles
- Increased picking performance up to 3 times faster
- Up to 70% reduction in distances travelled by operatives
- No energy or maintenance costs
- No specialised handling equipment required
- Ideal for ambient, chill or cold stores





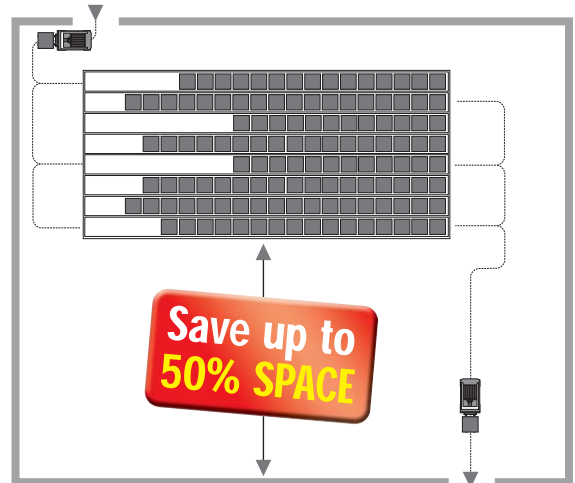
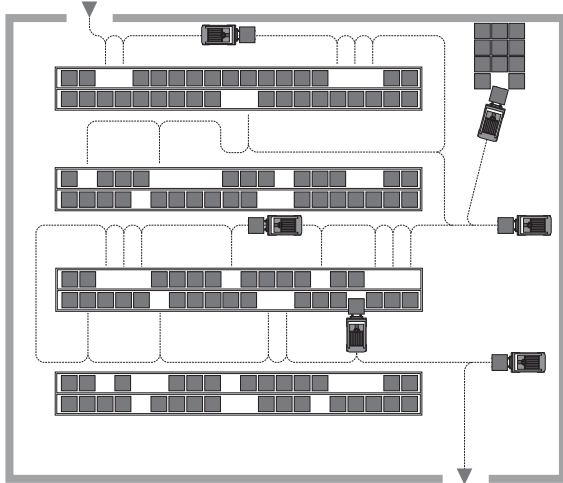
# pallet live storage

**ideal for perishable and time sensitive products  
where lost product means lost profit**

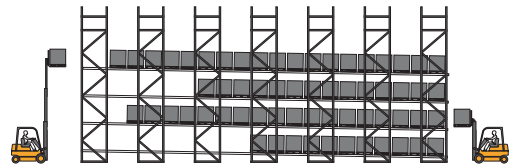
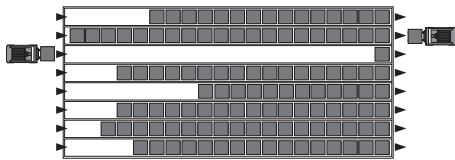


- Fast and cost-effective distribution system for associated products
- High density cubic storage saves space of up to 60% compared to conventional racking
- Lower handling costs, reduced pick distances and times mean fewer forklift trucks
- No energy or maintenance costs
- Guaranteed stock rotation
- First-In First-Out inventory control with flexible selectivity options
- High return on investment (ROI)
- No specialised handling equipment required

# save picking times and space

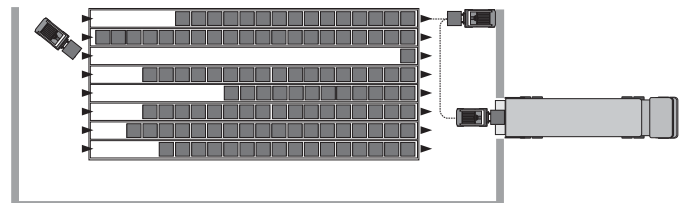
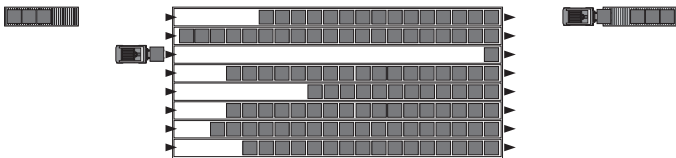


# throughout the logistical process



## First-In First-Out

- Automatic control by date
- Permanent inventory control
- Automatic control by quantity
- Only 2 aisles required



## Buffer

- High density solution that takes up minimal floor space

## Despatch

- For fast loading of lorries
- Each lane contains one vehicle load - mixed pallets can be accommodated



Beam levels at the input face are set at a higher height creating the incline for the pallets.

As pallets are picked a safety separator is activated. This holds the accumulated load of several tonnes and allows only one pallet to flow smoothly and securely to the front face.

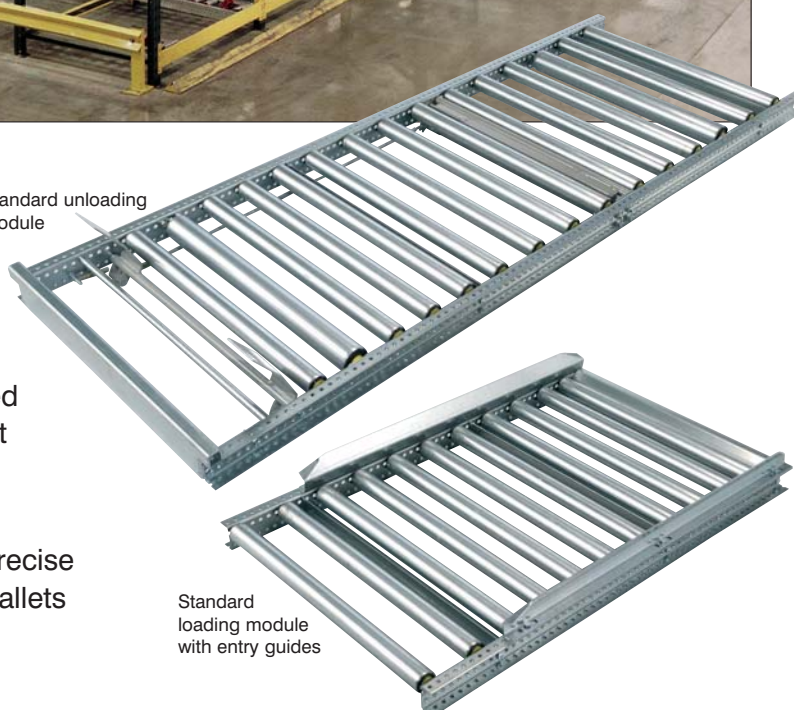




Live Storage used for marshalling pallets

- Integrated entry guides ensure pallets are loaded parallel in the roller lane
- Self energised integrated speed controllers ensure pallets roll at controlled speeds of 0.3 m per second
- Safety separators guarantee precise and careful separation of the pallets for safe unloading

Standard unloading module



Standard loading module with entry guides

## Safety Separator

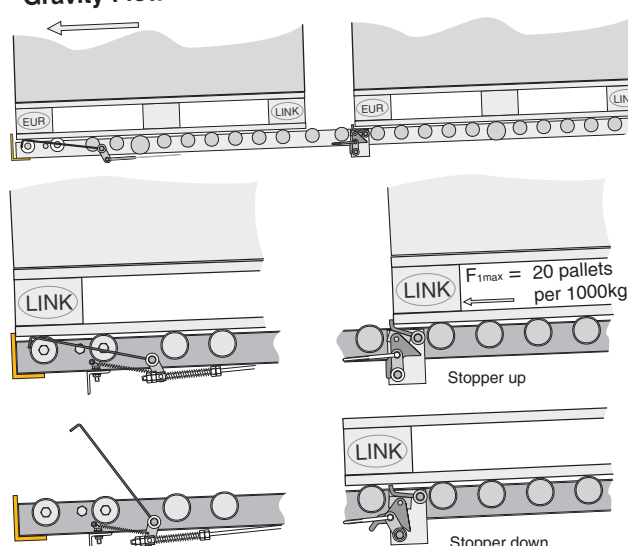
The function of the separator is to isolate the picking pallet from the loads of accumulated pallets. This function is essential to safely remove the pallet from the live storage system. This is a mechanical system that operates when a pallet is in the picking position. The system is a stop across the width of the lane, activated by a wide pedal located at the end of the lane. Release is either automatic, by foot or with a delay mechanism.

Separator in loaded condition relieving lane pressure from first pallet, thereby allowing safe access for retrieval.

The front pallet depresses the safety separator paddle and pushes the stopper up, stopping the following pallet.

When the paddle is in the normal position, the stopper is lowered allowing pallets to the end of the track.

### Gravity Flow Direction



# storage solutions

Dynamic Storage is only one element in our comprehensive portfolio. We can also provide:-



**COMMERCIAL AND  
FILING SOLUTIONS**



**PALLET RACKING**



**GARMENT HANGING**



**INDUSTRIAL STORAGE**



**MULTI TIER SHELVEING**



**SMALL PARTS STORAGE**



**HEAVY DUTY STORAGE**



**MUSEUM & HERITAGE STORAGE**



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