



**MAX THE CUBE**<sup>TM</sup>  
inspiring solutions from **thistle systems**

## PUSH BACK RACKING SOLUTION

→ Food & Drink Sector





# COMPLETE FLEXIBILITY OF PUSH BACK RACKING DEMONSTRATED



## MAX FACTS

- Push Back Racking system installed in 3 different areas.
- Dedicated holding area created to hold 63 pallets in less floor space
- Split pallet dispatch area created with 2 blocks of push back racking to facilitate demand
- Buffer stock installation provided 81 pallet positions to enable FLT drivers to quickly access products

Thistle has demonstrated how push back racking can create additional capacity, increase access and improve utilisation with 3 separate installations at a world leading drinks company – each with their own specific purpose.

After analysing the workflows and challenges being placed on the existing racking solution, Thistle's project team identified 3 particular areas which were impacting on the capacity and utilisation of the overall system.

One of the challenges was pallets which had become isolated from the racking or had been returned to the warehouse. These were simply being stored on the ground in a dedicated area.

By installing a 3 deep push back racking system which was 3 pallets high and 7 pallets wide, Thistle was able to create a dedicated holding area, capable of holding 63 pallets in a fraction of the floor space.

The other challenge Thistle identified was in the despatch area where there were inefficiencies with the way split pallets were being accessed and stored, using a combination of drive in racking and standard pallet racking.

The split pallets were used to facilitate demand to smaller clients however by removing this area entirely from the core storage area, Thistle were able to create a dedicated area which used 2 blocks of push back racking to facilitate the demand for split pallets.

The buffer stock installation provided 27 picking faces of push back racking, each were 3 deep to provide 81 pallet positions of core stock, enabling the FLT drivers to quickly access products to create finished pallets ready for despatch.

These hand-picked pallets of cased products are then stored in a larger block of 90 pallet push back system designed to provide sufficient capacity to meet the daily despatch volumes.

By creating the split pallet despatch area, the customer can now have a dedicated team of pickers and a loading team to increase the speed of operations, improve utilisation and reduce the floor space required in a key area of their business.

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