



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

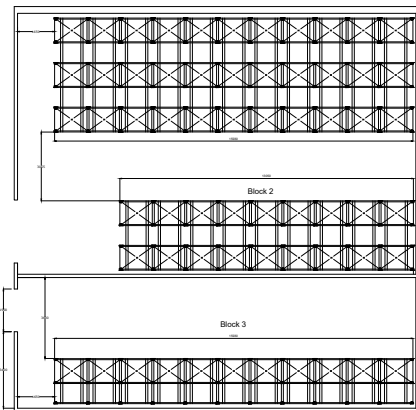
## PUSHBACK RACKING - COLD STORE

→ Food & Drink Sector





# PUSH BACK SOLUTION FOR COLD STORE INSTALLATION



## MAX FACTS

- 312 pallet positions in 2 cold store areas
- Additional 165 pallet positions for dry goods in 80 sq m
- Combination of 5 deep, 3 deep and 2 deep push back racking
- Reduced external storage requirements by 100%
- Delivered excellent Return on Investment

Thistle Systems has enabled one of the UK's leading meat producers to transform the effectiveness of their cold storage facility by delivering a push back racking solutions which provided 312 pallet positions in 307 square metres of floor space.

The client was looking to Max the Cube in their new cold storage facility so that they could bring their external storage requirements in house and reduce their monthly spend per pallet stored.

They had originally been looking at drive in racking. However, after discussing the issues of space utilisation, as well as the likelihood of racking damage and the impact that repairs would have on the available space and floor, Thistle Systems' Maxi Cube Push Back Racking proved to be the most effective solution.

Thistle's Project team worked closely with the client to understand their requirements and the type of forklift being used which enabled them to design 3 blocks of push back racking which would maximise the storage capacity in the available space.

To ensure they took advantage of every available millimetre of space, Thistle used a push back racking solution consisting of; 5 pallets deep, 3 pallets deep and 2 pallets deep, all by 3 pallets high, to ensure the required 500mm of clear air space was left. This ensured the refrigeration system could continue to circulate the cold air around the cold store and maintain the desired temperature.

Thistle also delivered a fourth block of push back racking in the dry goods storage area which provided 165 pallet positions in just 81 square metres of floor space.

Thistle Systems' Food and Drink Project Manager, Roddy Wylie, explained, "Drive-In Racking is often seen as the cheapest high-density solution for cold store applications, however, the true lifetime costs are far greater especially when you take into consideration that drive in racking only delivers an average of 65% utilisation."

Roddy continued, "But the most tangible ongoing cost for drive-in racking is the inevitable damage to uprights, the consequential costs of replacing the damaged uprights and critically in the food industry, the costs of relocating goods whilst the repairs are being made."

With all this in mind, Thistle Systems Maxi Cube Push Back Racking was the clear winner.

Contact us now to find out more about innovative Thistle Max the Cube solutions that can improve your cold store performance.

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