

## Allaero Double Their Existing Warehouse Storage Space



### About Allaero

Allaero are a global Hawker Beechcraft parts support organisation, providing quality assured parts. Established in 1988, Allaero offers an extensive Hawker exchange pool and large stocks all with 24HR AOG support and international shipping from its London Gatwick facility. Its vast component exchange pool is stored onsite in state-of-the-art warehousing providing quick availability to all series of Hawker aircraft, up to and including, the current 900XP.

Allaero's service extends beyond its immediately available stock holding, to providing a full source and supply service and customer repair service. They also hold exclusive European distributorships for APPH, Parker, Triumph Windows, Ambersil and DAS stocking parts for a comprehensive list of aircraft.

### About Industore

Industore are the exclusive distributor of German manufacturer Hänel's automated storage and retrieval systems for the UK and Ireland. They specialise in the design, supply, installation and servicing of automated storage solutions, vertical carousels, storage lifts and related control and software solutions.

They have a nationwide sales and service network with offices in London, Birmingham, Manchester, Cardiff, Belfast, Glasgow, Dublin and Galway.

### The Challenge

Most of Allaero's available floor space was taken up with traditional pallet racking. Their existing conventional boltless racking, although cost effective, had a number of problems. Firstly the bottom and top shelves were virtually unusable due to weight limitations for stooping and reaching. Secondly although the pallet racking 'did a job' it was a very inefficient use of space.

The point at which Allaero realised it was time for change was when a box fell off the top shelf of their pallet racking, coming crashing to the ground. Although nobody was hurt they realised that to keep their staff safe they needed a better solution. With most of the available floor space taken up by racking they were faced with the option of either undertaking a costly re-location to a larger facility or seeking an alternative storage solution.

Allaero did not want to move to another building, but more stock was arriving each day and the situation was becoming more and more critical. In addition, with their products coming in many different shapes and sizes, they needed a flexible, efficient approach with any new solution. So they came to Industore to explore the benefits they could expect from their Hänel Lean Lifts.

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### The Solution

Industore carried out a detailed site survey of Allaero's stores operation, looking at how goods were stored and handled. They found that Allaero's stores were organised and run with the maximum level of efficiency attainable with conventional static racks and shelves. However they also concluded that Allaero's operations could be significantly improved with the implementation of Hänel Lean Lifts.

Thus Industore installed two Lean Lifts. These two lifts increased Allaero's picking and replenishment efficiency, freeing up valuable floor space and enabling additional stock to be accommodated within their current stores area.

Allaero quickly assessed the efficiency improvements achieved by the Lean Lifts and ordered a further two machines. Again this freed up a lot more much needed floor space. Indeed the Lean Lift concept was embraced by the Allaero team to such an extent that three further machines were ordered and installed; two of which were specially designed to accommodate larger, bulkier items that previously presented handling issues in their pallet racking system.

Currently, having proven so essential to an ever expanding business, three further Lean Lifts are being discussed with Allaero to add to their existing seven machines. The cost savings realised have fully justified the initial capital expenditure. In addition, the "goods to man" concept of the Lean Lift has removed the previous bending and stooping required to handle goods on and off of conventional shelving, thereby addressing all associated health and safety issues in the process.

### Final Word From The Customer

"We learned about the Hänel Lean Lifts via the Industore website and invited them in to give advice on the best way to store our products. They were extremely helpful and took us to two different locations to see Lean-Lifts in operation. With their ability to store goods, tightly packed together and without damage or loss of space made, Industore made the choice easy and we subsequently placed an order for two machines. These were installed on time and within budget and immediately released two stock rooms of free space. The benefits were obvious and we placed another order for a further two machines. With the commissioning of the second pair of lean lifts we have been able to dispose of our original 2m racking and double our 10500sq ft floor space.

We established that Lean Lifts, with help from Industore and Hänel, were able to store 95% of the products we handle including many of our oversized parts. We ordered a further three lean lifts two of which were configured to accept goods over a metre in height.

Locating stock and picking orders is now much easier. The stock is in a closed and stable temperature environment and we have been able to double our stock holding without having to re-locate the business. Furthermore step ladders are now no longer required and our use of forklift trucks is minimal, our warehouse is now a much safer place in which to work."

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“We are delighted with our Lean-Lifts, Hänel, and above all Industore who made the installation and on going service support trouble free. We would have no hesitation in showing our operation to anyone interested in Lean-Lift storage systems and to recommend them based on our experience.”

Justin Greasley, Managing Director, Allaero