

Montgomery Waters Case Study

Industore: Intralogistics experts, and leaders in the design, supply and installation of automated storage and retrieval systems (AS/RS).

industore.
automated storage & retrieval systems
Hänel LEAN-LIFT

What is Automated Storage and Retrieval?

These, simple graphics portray the simple theory of AS/RS. Machines that leverage software, computer technology and engineering to streamline the handling, storage, and retrieval of items in your workspace – whether a warehouse, hospital, factory floor, or just about anywhere else.

Our Products

Hänel Lean-Lift

Vertical Lift System

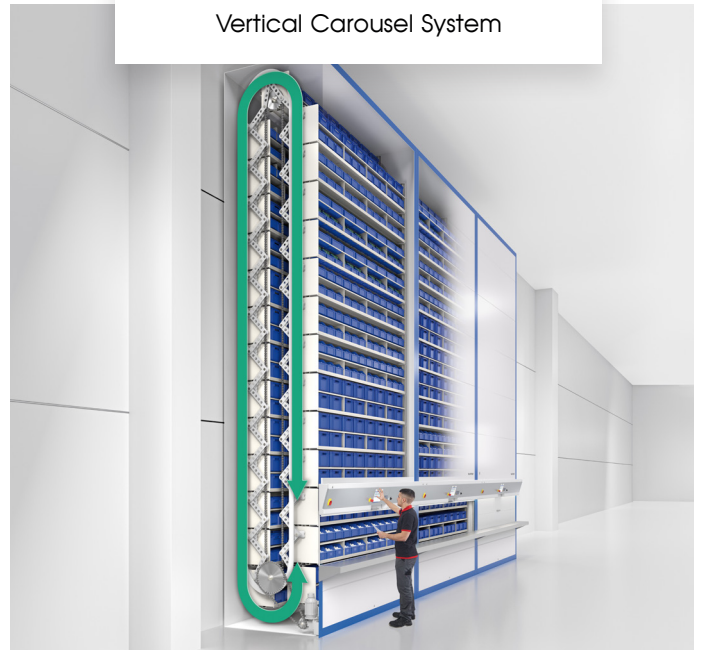


The Hänel Lean-Lift® is a secure, vertical storage and retrieval system, housing a series of trays holding your inventory. The trays are stored in optimised positions, according to the inventory height, and frequency of use. Lean-Lifts are built to order, in-line with your facility's layout and capacity. On demand (by operator or automated, computer command), an extractor system runs through the unit, retrieving the requested goods, and delivering the product on a tray, to an ergonomic height for your pickers.

Our Products

Hänel Rotomat

Vertical Carousel System



The Hänel Rotomat® is a compact, secure vertical storage carousel, consisting of a continuous series of shelves (or 'carriers'), which store your inventory. On demand, the machine rotates, and the requested carrier level is presented, via the quickest route; to an ergonomic height (goods to person). Rotomats are suited to both office and industrial use, and, as with the Hänel Lean-Lift, a Rotomat's height, width and depth is built to order, in-line with your facility's operational logic and capacity.

Benefits at a glance



100% stock transparency:

Protect your inventory, manage stock with complete accuracy and reduce erroneous picks to zero.



Fast goods to person deliver (G2P):

Items are automatically delivered at an ergonomic height, on-demand, reducing injury and breakages.



High density storage:

Store 100% of your products in 20% of your space, increasing opportunities for additional money-making activities.

Why Industore?

Industore is an independent, UK and Ireland business who can trace its roots back over fifty-years. The name Industore has become synonymous with efficiency, excellence, and true transformation.

For 25-years, Industore has partnered with German-Swiss manufacturers Hänel, and have subsequently become the UK and Ireland's exclusive supplier of their products – which are widely regarded to be the most robust, reliable and technologically advanced intralogistics solutions on the market today.

Our process



Consultation

Quality applications start with detailed consultations. Experienced staff note requirements, inefficiencies, and pitfalls.



Specification

Account managers use their hard-won experience to specify the best possible, tailored solution for you.



Installation

Hand-picked, qualified installers are deployed to your site(s), before expert teams provide comprehensive training.



Aftercare

Ensures continuing compliance with regulations and safety standards. A fleet of engineers means we're never far away.

We are trusted partners

We take security, health and safety and management standards seriously. Time and again, Industore has been independently assessed and recognised by the British Standards Institute for the implementation and on-going commitment to the highest possible standards.

The ISO is one of the most hard-won and well-regarded accolades in the world, Industore's repeated renewal of these accolades act as a reassurance to clients and partners alike:

Industore is committed to upholding the very highest of standards.



Attaining certification requires a comprehensive audit of all processes, people and technology. This means that clients - current and future - can be assured that Industore's commitment to the highest possible standards of management and security is enduring."

**Ross Powell, Managing Director
at Industore on security and
management.**



industore
automated storage & retrieval systems
Hänel LEAN-LIFT



Montgomery Waters.

“ During consultation with Industore, we realised our valuable space was wasted with static racking, as there were metres of dead space above. We [ultimately] opted for a 5.9 meter high Hänel Lean-Lift, complete with 50 shelves and clever shelf mapping abilities. We're [now] able to densely store 70% of our critical parts on each shelf in less than 10% of our warehouse footprint.

Steve Prosser,
Operations Director

Application: One Hänel Lean-Lift

Main benefit: The Hänel Lean-Lift is equipped with various features which improve operations, safeguard staff, add precautionary measures to logistics and day-to-day operations.

WATCH NOW:
Industore interview case study with Montgomery Waters Operations Director, Steve Prosser.



About the company:

Nestled in the natural beauty of Mid-Wales, Montgomery Waters Ltd. sits at the foot of former volcanic hills. Beneath a little rural village in Churchstoke, ancient rock formations have developed a vital passage that host essential minerals, providing Montgomery Waters, with fine tasting natural and spring water.

To ensure total protection of the water, Montgomery Waters has operated on essential areas of land above the source for over 30-years. As product demand increased, modern machinery was introduced to the production line, which resulted in the business expanding significantly, making every inch of the facility's footprint vital.

In 2016, Montgomery Waters looked to the market for a futureproof storage solution. Ambitious to be one of the UK's leading water bottles businesses, the company needed a catalogue of critical spare parts for the production line to be stocked on-site, as production down-time would be a costly expense.



Project description:

In the first instance, Montgomery Waters opted for a mezzanine and traditional racking systems to utilise the height of the facility, but soon found inefficiencies while storing and locating variable SKUs (stock keeping units) in static stations.

As a supplier to corporate giants, Montgomery Waters sought advice from likeminded businesses, and was ultimately referred to Industore for their vertical storage solutions. Steve Prosser, Operations Director at Montgomery Waters explains:

“ During initial consultation with Industore’s Sales Manager, Steve Anderson-Tyso, we realised our valuable space was wasted with static racking, as there were metres of dead space above our racking. Following a comprehensive audit from Steve, who took time to learn about the business requirements, we opted for the recommended 5.9 meter high Hänel Lean-Lift in a facility which measured just over this, to ensure ease of access if needed in the future. Complete with 50 shelves and clever shelf mapping abilities, we are able to densely store 70% of our critical parts on each shelf in less than 10% of our warehouse footprint.

Since installing the Lean-Lift over 7-years ago, it’s ultimately provided us with peace of mind. Full inventory transparency allows us to locate SKUs

swiftly, and accurately quantify parts in stock. Stored in a clean-environment and with parts delivered at an ergonomic height, our company has seen a significant decline in part damages and losses. Our critical SKUs range in value from 30p to £10,000 in the automated storage system, ensuring any issues are resolved promptly, allowing our production line to run seamlessly. Our production line is operating 24-hours a day, 6 days a week, and therefore the Lean-Lift is an integral part of safeguarding operations.”

The Hänel Lean-Lift is equipped with various features which improve operations, safeguard staff, add precautionary measures to logistics and day-to-day operations. As a safety precaution, our Hänel Lean-Lifts are equipped with specialised light barriers, which will instantly halt the machine when sensors are triggered. Once instructed on the sophisticated MP 12 N controller, the machine will resume item retrieval when safe to-do so. When Montgomery Waters replenish the Lean-Lift with critical parts, integrated software ensures the shelf is returned to an optimal location, thanks to dynamic storage and precision height detector sensors. The optimisation run module ensures shelves which contain parts frequently requested are stored closer to the Lean-Lifts access point, prompting faster retrieval. To maximise security, a lockable sliding door was installed at the front of the Lean-Lift.



Aftercare:

Montgomery Waters Lean-Lift is storing high value components, integral to the production line, and as such, this forward-thinking client opted for an Industore Aftercare plan. By taking out a Service Contract, the Lean-Lift is serviced annually by a Hänel certified, qualified engineer. In the unlikely event of a breakdown, in-house telephone support is available, and Montgomery Waters will receive priority call outs should the issue persist.



Image Captions: Montgomery Production Line

Steve Prosser continues:

“ Maximum up-time of the vertical lift is vital, and having the Service Contract presents us with confidence to store our most valued components in one central location. In the 7 years we’ve had the Lean-Lift Installed, we’ve not encountered any issues that couldn’t be very quickly overcome, and these were always down to be simple, human error. It’s a brilliant machine, and the service we’ve had from Industore has been exemplary. We’re currently in conversations with our Sales Manager, Steve, about a second lift – and I wouldn’t hesitate to recommend Industore to others.”



industore. Demonstration centres.

If you're looking to optimise your storage capacity - or improve your operational efficiency, visiting one of our Demo Centres in Cardiff or Dublin is probably a good place to start.

At one of our Demo Centres, you can witness first-hand the capabilities, features and benefits of our machines. A one-to-one demonstration with one of our expert staff will allow you to get a comprehensive understanding of what we do, and how we do it.



The Right Solution for you

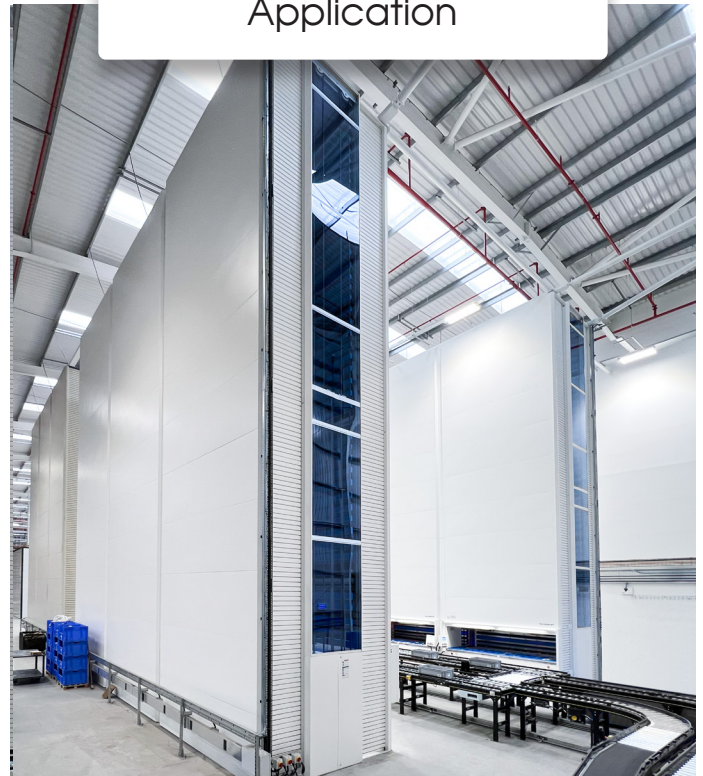
Whether you're looking for a one-off unit to better manage your inventory and free up space for other activities, or you're looking for a full 3PL setup, Industore has the answer. Industore solutions always result in significantly better space utilisation, improved operational efficiencies, healthier bottom lines, and much higher levels of customer satisfaction; as delivery speed improves, and erroneous picks are reduced to zero.

Single Application



Bespoke units by Industore Limited (with or without software integration) reduce storage space and increase storage capacity - by ensuring your stock is stored as densely as possible, vertically. As well as lowering energy consumption, logistics costs and errors, Industore's Hanel Lean-Lifts improve speed, efficiency, bottom lines, and stock transparency.

Multi Application



Full, turnkey solutions are routinely designed and installed by Industore for more complex or larger-scale intralogistics needs. From distribution warehouses to sophisticated, 3PL centres, our turnkey solutions produce transformational change, frequently including elements such as AS/RS, software integration, conveyors, man-up trucks and more.

Futureproof, flexible, and innovative

Industore solutions are futureproof at the point of sale. They are unique, and unlimited variations allow endless possibilities. Our vertical lift and carousel systems can be used as stand-alone units, or be set up to work simultaneously, perhaps even across several floors with multiple access points - but always on a small footprint. This has been developed through continued innovation, which is a core function of our organisation. A number of our expert staff are involved in the expansion of our Excellence in Innovation Programme (EIP), who regularly meet in our dedicated Research and Development Centre in Cardiff. The Programme's soul responsibility is to develop new technology and new methods of working with a view to improving the products and services provided by Industore. Our solutions are flexible throughout their life-cycle, which means they make light work of expansion and change of use, ensuring your products can grow and change in-line with operational or business transformations.



Contact us

We specialise in the design, supply and installation of automated storage and retrieval systems for businesses throughout the UK and Ireland. Contact us to arrange a complimentary site audit from your dedicated account manager.



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