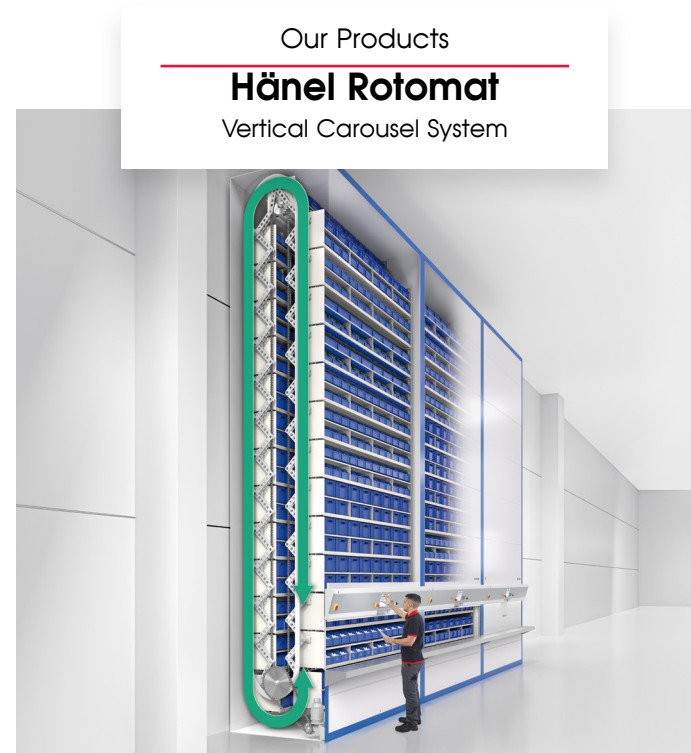
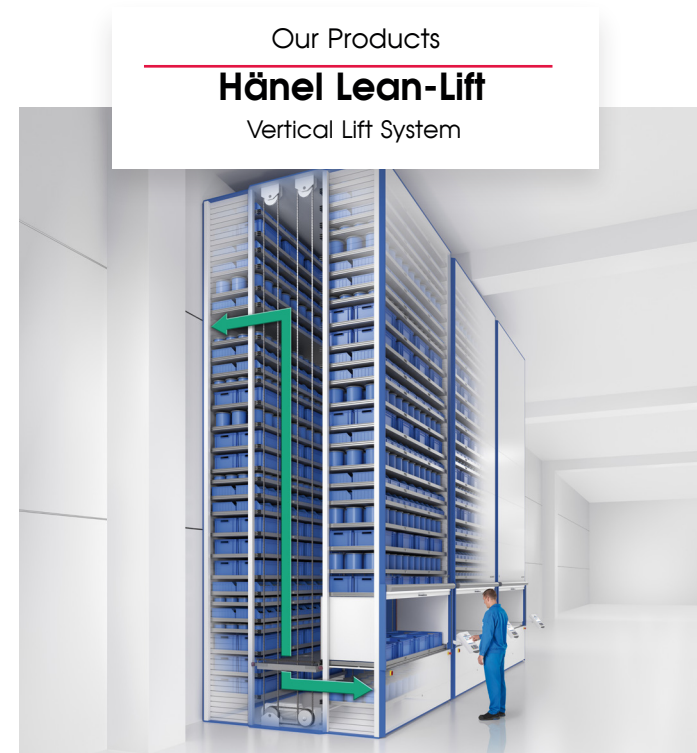


TEC Industrial Case Study

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

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.



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.

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.



TEC Industrial Ltd.

“ Tec Industrial Ltd. have over 4,000 active SKUs (stock keeping units) and an extended catalogue nearing 10,000 SKUs. Investing in a vertical lift module (VLM) would allow us to store fast-moving components in a small portion of our warehouse. The remaining larger, slower moving stock is located on traditional racking systems.

Jason Coburn,
Operations Manager at TEC Industrial

Application: One Hänel Lean-Lift

Main benefit: Erect one vertical lift system through the existing mezzanine, to maximise inventory storage on an extremely small footprint.

WATCH NOW:

Industore interview case study with TEC Industrial Ltd Operations Manager, Jason Coburn.



About the company:

Situated in the Republic of Ireland’s thriving capital, Tec Industrial Ltd., is a leading supplier and distributor of industrial and hydraulic hoses, fittings and adaptors. Operating in a purpose-built facility, the family-run business has over 80 years’ experience serving the manufacturing, construction, utilities, oil distribution and plant hire industries, to name a few.

To supply such sophisticated industries and deliver exceptional service, Tec Industrial Ltd., would need to strategise and devise a plan for storing high quantities of active inventory without the costly expense of relocation. With floorspace at a premium in Dublin, Tech Industrial Ltd., was in search of an efficient storage solution that would cause minimal disruption during busy supply periods.



Project description:

Tec Industrial Ltd.’s inventory varies from small fittings and adaptors to large industrial and hydraulic hoses; so effective logistic operations is critical to their future success. With their supply chain continuing to expand, Tec Industrial Ltd. needed to ensure demand never outstripped capacity. Initially, a mezzanine was introduced in the facility to utilise the height of the building. Although this step provided the business with an additional 35% of floor space to accommodate current stock, the added level was a temporary fix, and soon, a more futureproofed storage solution, to cater for planned future company growth was needed.

Tec Industrial Ltd. Operations Manager, Jason Coburn, explains:

“By installing a mezzanine, we recognised the benefits of utilising the height of the facility and this encouraged us to explore automated vertical storage units. Aware of what our problem was, we approached the market in search of the best solution.

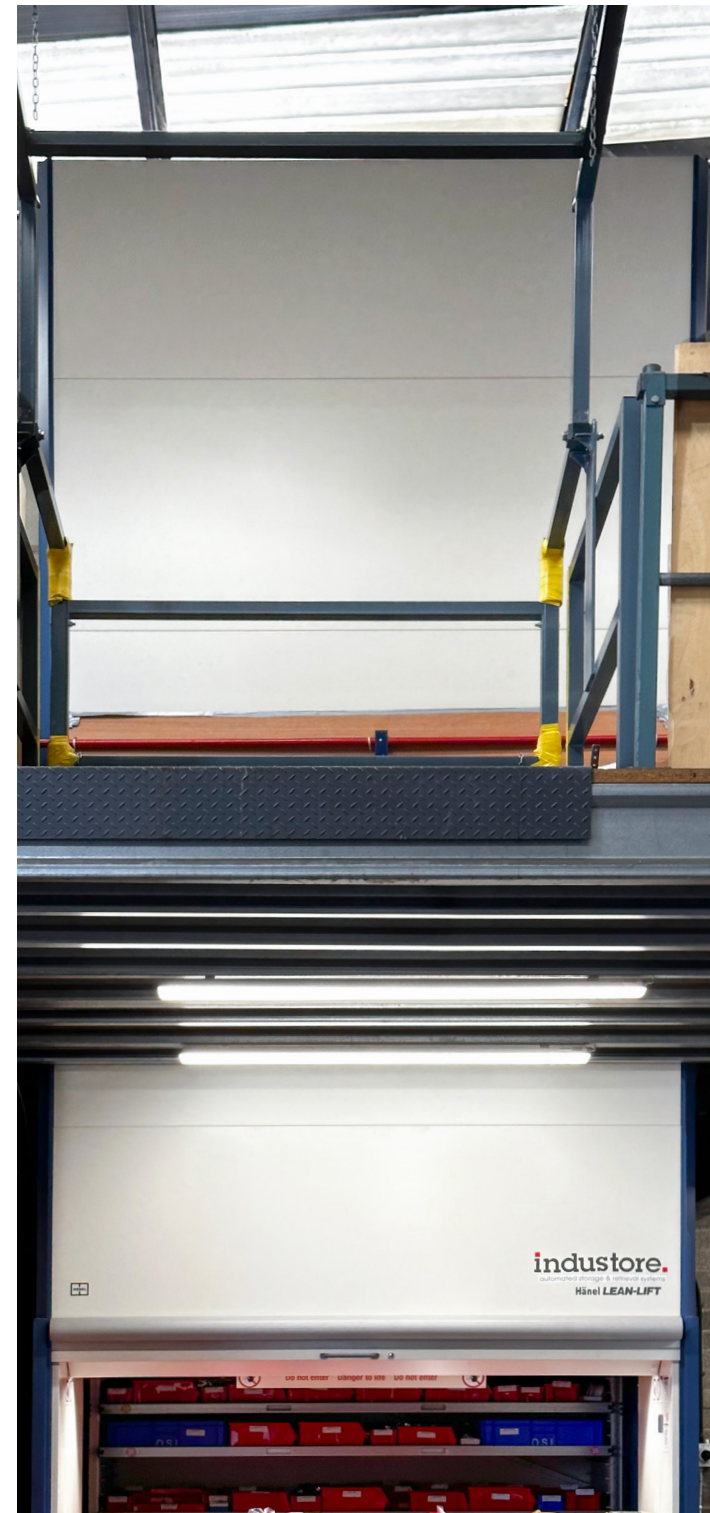
Tec Industrial Ltd. have 4,000 active SKUs (stock keeping units) and an extended catalogue nearing 10,000 SKUs. Investing in a vertical lift module (VLM) would allow us to store fast-moving components in a small portion of our warehouse. The remaining larger, slower moving stock is located on traditional racking systems.

Industore’s Sales Director for Ireland, Trevor Elliott, conducted a comprehensive site audit, and unlike his counterparts from other organisations, recommended we erect one Hänel Lean-Lift through the existing mezzanine, to maximise inventory storage on an extremely small footprint and ensure the lift was located in the most strategically significant area. To fully understand what was being proposed, our team were invited to Industore’s Irish hub, and given a live product demonstration. Industore’s customer service and well communicated vision for joint-success, instilled confidence in the project and undoubtedly won them the order.”

Post installation:

Today, the Hänel Lean-lift houses 70% of all Tec Industrial Ltd.'s small fittings and adapters, which accounts for over 85% of the organisations total SKUs. Situated on galvanised shelves, stock is neatly organised in specially mapped containers and retrieved at an ergonomic height, in seconds. Equipped with an LED lighting strip, Tec Industrial Ltd. staff are navigated directly to the SKU, significantly reducing human-made errors. Jason Coburn continues:

"Lots of our SKUs are visually identical, which can sometimes make picking orders difficult. By storing these fast-moving components in the Hänel Lean-Lift, we've optimised picking and packing operations and created a streamlined process. Stock control is at its best, thanks to a lockable sliding door, allowing us to protect more sensitive products from dirt and dust, while reducing the number of losses or damages. Using the MP14 N controller, our stock transparency is at an all time high, allowing us to monitor our SKU numbers, ensuring we are able to meet supply demands. Our team no longer have to traipse the warehouse looking for fittings and adapters. Instead, it's delivered directly to them – not only has this improved our goods-to-person ("G2M") principle in a short time period, but the Lean-Lift has freed up more floor space for larger packing and distribution area."



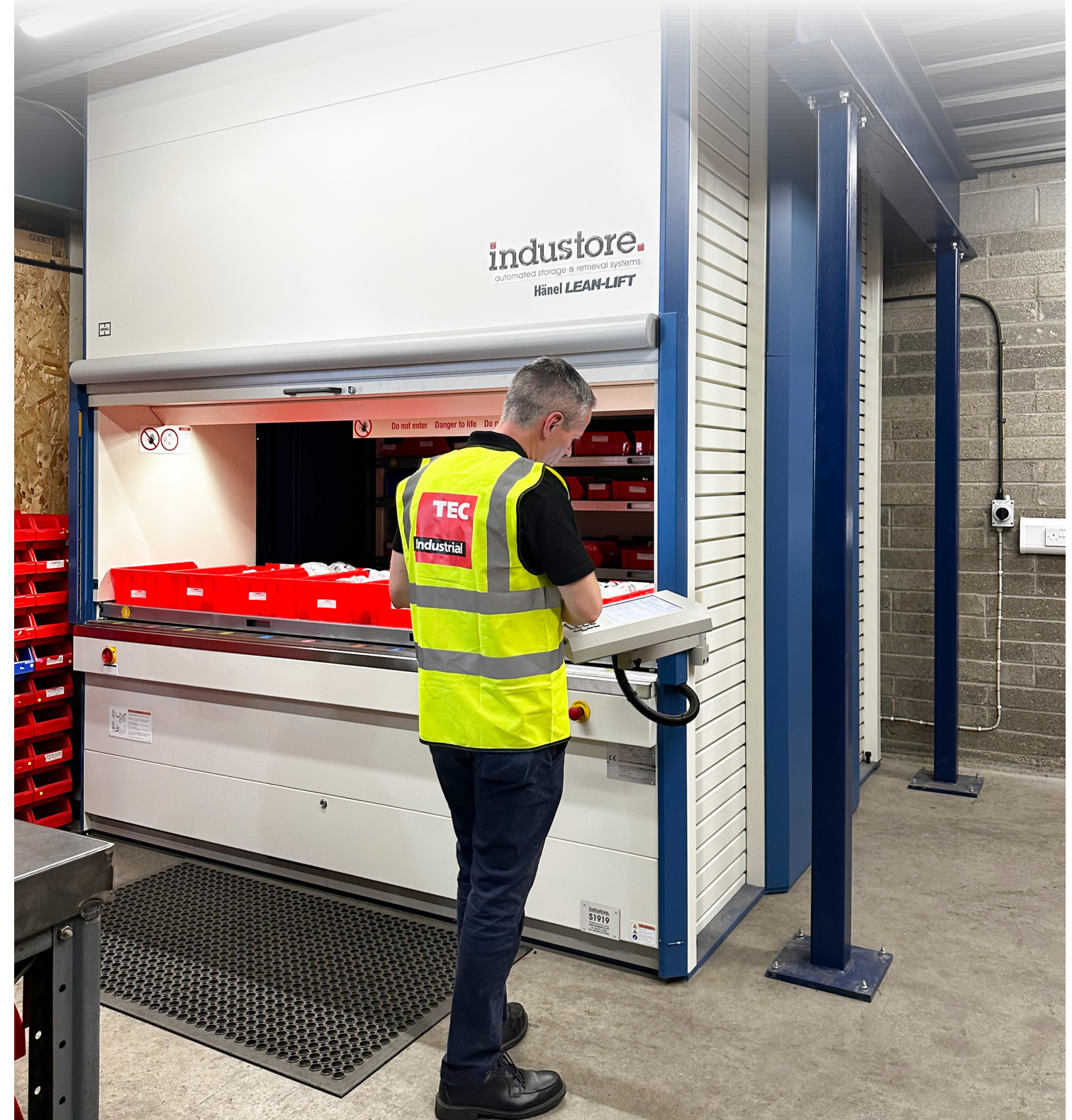
Summary:

In just 6-months, the time, efficiency and packing accuracy has improved operations by roughly 60%. Tec Industrial Ltd. has forecast that the machine will pay for itself within 12-months, based on speed of picking and packing goods out alone.

In the coming months, Tec Industrial Ltd. will work closing with Industore engineers and IT specialists to integrate an ERP system with the Hänel Lean-Lift.

This will allow the picking and replenishment process to be automated. The IT integration will empower Tec Industrial Ltd. To further enhance their service provision.

We look forward to seeing Tec Industrial Ltd. leap ahead with Industore hardware and software – and will revisit this case study in 2024.



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 Hänel 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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