

# Dynamic, Intelligent Intralogistics Solutions





# High-Bay Warehouses

Micro Fulfillment Center

Miniload Warehouses

Robotics

Conveyor Systems

HiLIS WMS

Energy Solutions

Services

# Innovative Intralogistics: Yes, We Can!

## Your Partner for Highly Dynamic Intralogistics, Automation and Service

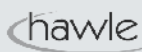
As partner to leading national and international customers, we've developed innovative ideas and set new standards for intralogistics in terms of economy, performance and innovation.

HÖRMANN Intralogistics offers decades of core competence in automation, IT and industrial services, along with cross-industry experience in the construction of turnkey, automated warehouse solutions. Our patented conveyor technology coupled with the latest robotics solutions guarantee customers the most efficient material flow system from a single source provider.

With eleven locations in Germany, Austria, Poland, Hungary and the Czech Republic, we place great importance on personalized customer care, reliability, quality and comprehensive service.

We're proud to be part of the well-founded HÖRMANN Group whose passion for logistics inspires our more than 300 HÖRMANN Intralogistics employees to achieve top performance on a daily basis. All you need for sustainable success.

**HÖRMANN Intralogistics is trusted by many leading national and international customers – here are some, to name but a few from our long list of customers:**





# Intralogistics Solutions

## Personalized Intralogistics Solutions from a Single Source Provider

Operating as a general contractor for over 35 years, we have implemented many innovative, custom-made warehouse logistics solutions in a wide range of industrial sectors. From project planning to “go-live” we take overall responsibility for implementing complex new systems and modernizing existing systems during active operations.

### **Automated high-bay warehouse**

Where goods need to be stored efficiently in a limited space, we can develop and implement custom high-bay warehouse systems with fully automatic storage and retrieval systems capable of all operations from goods receipt to production connections, picking and dispatch readiness. We can provide SRM-based high-bay in-house or silo warehouse systems, in addition to pallet shuttle systems with high storage density and high throughput.

### **Automatic paper roll warehousing/storage**

We specialize in systems for handling and storing delicate paper and foil rolls. Our high-bay warehousing systems offer maximum flexibility and quick, careful access for a wide range of product types and roll weights upward of five tons.

### **Automatic corrugated board storage**

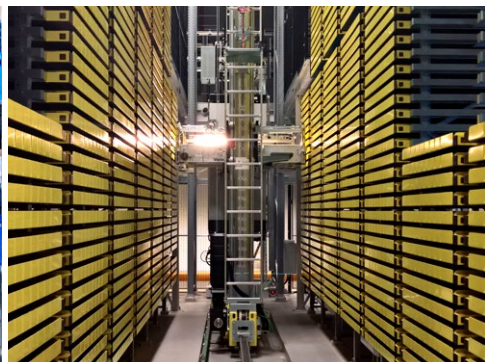
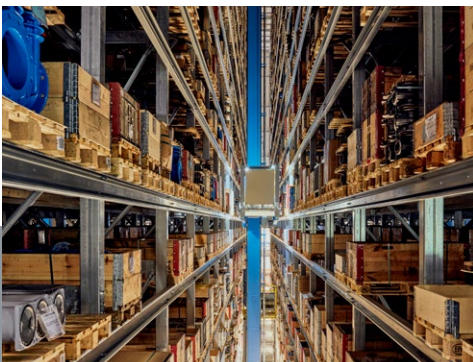
With our decades of experience, we can develop complete, custom-made solutions for storing corrugated board products from a single-source provider. We see safe and damage-free transport, fully automatic handling and volume-optimized storage as the keys to innovative storage solutions. With efficient material flow processes, maximum transport unit flexibility and optimized exploitation of space for formatted and finished goods.

### **Tray warehouses**

For large-format, high-turnover stock items we implement highly dynamic automatic tray warehouses with associated conveyor technology, order picking stations, shipping buffers, etc. Depending on requirements, tray warehouse systems can be equipped with steel or plastic trays, in turn equipped with special inlays to store the items safely and carefully.

### **Small parts and shuttle storage systems**

For loads like bins, boxes or trays with high turnover, we can implement flexible, automatic small parts warehouses or shuttle warehouses. These can serve both classic storage functions and, for example, as buffer storage, goods provision or picking systems.





## Efficient, Pioneering Digital Robotic Solutions

High productivity, low operating costs and simple commissioning – along with our efficient partners, we implement innovative robotic solutions that can be commissioned as stand-alone systems or together with other storage and picking systems. Needs-based scalability, easy expansion and maximum dynamics make our robotics applications the ideal solution for growing markets.

### AutoStore®

AutoStore® is a modern, innovative automatic storage and order picking system for small parts that uses plastic bins. This compact system optimizes space utilization, dynamics, energy efficiency, expandability, materials and picking station connection.

### Pick-by-Robot

Pick-by-Robot is an innovative way of freeing workers from repetitive picking activities – reliably, quickly and without the fatigue. This flexible, retrofittable pick-by-robot system optimizes logistics processes with a cutting-edge AI-based alternative to manual picking.

### Moving Racks

HÖRMANN Moving Racks can replace or supplement classic picking areas characterized by high staff numbers and long walking distances, with an efficient, flexible system of mobile shelves (racks) precisely sequenced for the picking stations being served. It can be implemented as a stand-alone system or together with other storage and picking systems.

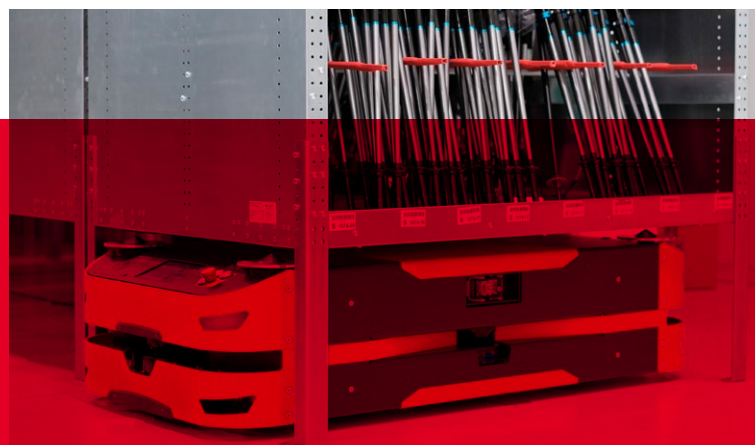
### BOX Robotics

With our working partner CAJA Robotic, we implement these precise custom-made applications with the latest software, specifically developed robots and user-friendly workstations for small parts storage and picking warehouses, using special CAJA AGV-based robotic solutions.

### Micro-fulfillment solutions

With our AutoStore, shuttle systems and other solutions we provide innovative, modular automatic storage and order picking solutions in micro fulfillment centers. Ultra-high storage density and availability makes it the ideal solution for a wide variety of industries, including fashion, food, sporting goods, electronics and many more.

# Robotic Solutions



Our partners:



SAFELOG

CAJA





# Products

## Innovative Products

Customized, creative and patented conveyor technology systems, along with high-performance, modular warehouse management systems ensure constantly optimized, smooth intralogistics processes from goods receipt to goods shipment.

## Conveyor Technology

With HÖRMANN Klatt Conveyors, we develop state-of-the-art conveyor technology solutions tailored to customer needs. The focus here is on long working life and cost-effectiveness. Many years of in-house experience, highly specialized in pre-assembly and installation, not to mention maintenance and service from a single provider, make HÖRMANN Klatt Conveyors a reliable partner for bin, container, pallet, stack, baggage and special conveyor systems.

## HiLIS

In our material flow solutions, the HiLIS Warehouse Management System (WMS) is the heart of all our automatic and manual intralogistics processes. This high-performance software suite manages, controls and optimizes all material and data flows.

With our Warehouse Management System even complex, customer-specific logistical processes can be optimally planned, controlled and monitored. The user-friendly HiLIS dashboard displays all system information clearly and in real time on an individually variable display. Moreover, its modular structure allows for custom adaptation to specific customer requirements, with maximum flexibility and investment security.



# Services

## A Strong Partner of the Industry

Our HÖRMANN Intralogistics Services offer is tailored to the life cycle of automated manufacturing and production facilities. From the conception, realization, assembly and commissioning of machines and systems to the relocation or modernization of existing production facilities. This naturally includes operating concepts, optimization, maintenance and servicing of intralogistics systems.

### **Automation and control technology**

With our long-standing experience we can develop automation solutions, from planning, mechanical and electrical design, production and assembly to commissioning with PLC and robot programming. As general contractor, we coordinate all project phases to offer customers maximum transparency and security throughout the

course of the project. We also offer these services individually to support customers through every phase.

Here we adhere to customer specifications to program competent software solutions. We have many satisfied customers in both the automotive sector and its ancillary industries, the agricultural machinery sector, not to mention among intralogistics systems manufacturers and users.

### **Mechanical engineering**

We specialize in machine tool for the automotive sector, its suppliers and ancillary industries, thanks to our long-established service team that has acquired vast experience in the field of mechanical engineering. In addition to inspection, servicing and maintenance, our range of services includes machining equipment conversion and retrofitting as well as machine assembly and relocation at home and outside the country.

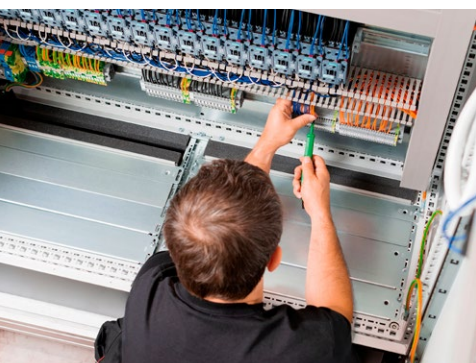
### **Energy Management Technologies**

Optimizing energy consumption is an absolute must for intralogistics solutions, to reduce both CO<sub>2</sub> emissions and operating costs. When building or modernizing a high-bay warehouse, our intelligent HiLIS Eco power management system can reduce stacker crane energy consumption by around 25 %. Applying innovative Powercap technology can reduce power consumption by around to 40 %, and connected load by 65 %.

### **Industrial Services**

We offer individual, qualified solutions for everything to do with industrial services by a single provider. Our professional teams with many years' experience in planning and production-related assembly know exactly what it takes.

- ◆ DGUV tests
- ◆ Surveying / Fitters
- ◆ Conveyor technology
- ◆ Location services





# There for You!



[www.hoermann-intralogistics.com](http://www.hoermann-intralogistics.com)

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