

INNOVATIVE TECHNOLOGY
STORAGE AND CONVEYOR SYSTEMS
FOR DYNAMIC WAREHOUSING

DAMBACH
LAGERSYSTEME



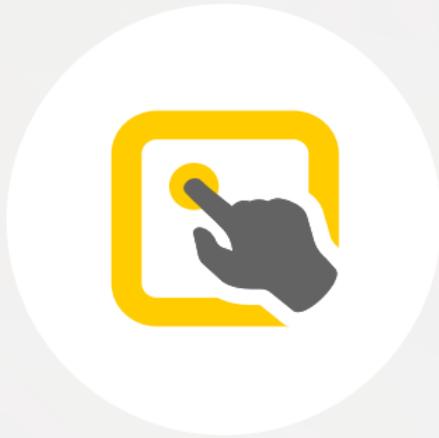
CUSTOMER SERVICE

ROUND-THE-CLOCK DYNAMIC ASSISTANCE

DAMBACH LAGERSYSTEME offers full and comprehensive support to ensure the performance of your system round the clock. All services can be tailored specifically to your requirements. Benefit from our expertise:

- Technical advice – a specialist hotline offering immediate assistance
- Remote diagnostics – quick analysis via remote access
- Maintenance – designed to ensure maximum availability
- Safety checks – conducted by qualified personnel in compliance with regulations
- Training – extensive training for warehouse operators

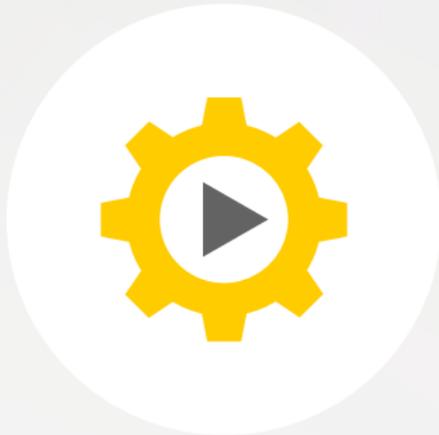
Make the smart move: choose dynamics in the warehouse and a profitable future.



CONTROLS

KEEPING EVERYTHING UNDER CONTROL

Forward-looking control systems for storage retrieval machines, conveyor technology, shuttles, and rail-guided vehicles form the basis for greater efficiency in the warehouse. With its control solutions, DAMBACH LAGERSYSTEME covers all of the requirements of high-bay and small-parts warehouses and the apron. The options range from standardized DAMBACH control systems to ERP system integration. Decentralized control systems for independent motion sequences ensure efficient control, as transport vehicles can actively monitor and control motion sequences this way. Standardized control modules also allow for ambitious material flows to be achieved. Operation remains uniform and consistent throughout. DAMBACH Smart Energy Management is another clever solution: a well-developed system for reducing energy consumption.



AUTOMATION

LOGI-KIT – THE IDEAL SOLUTION FOR EXISTING WAREHOUSES

Increasing requirements come with a growing need for warehouse storage capacity and throughput. If your existing warehouse no longer suits future requirements, you do not necessarily need an entirely new warehouse to solve the problem. LOGI-KIT from DAMBACH LAGERSYSTEME is an alternative way of automating existing warehouses. Automation is possible no matter how you operate your warehouse, be that with forklifts in wide aisles or industrial trucks in narrow aisles. LOGI-KIT is an all-in-one solution that starts with advice and profitability calculations, and goes on to include provision of warehouse technology, project coordination, and finally, implementation. The automation solution is based on proven developed technology, is easy to integrate in existing systems, and is especially cost-efficient thanks to clever maintenance models. The system can be implemented in as little as a few months, while running operations are ongoing, and utilizes existing infrastructure, saving money and resources.



EFFICIENT RIGHT FROM THE START **FORWARD-LOOKING SOLUTIONS** **FROM ONE SOURCE**

Efficient material flow and profitability are the major objectives of warehouse management. Tailored solutions are needed to achieve them – after all, every warehouse has its unique considerations. That’s why DAMBACH LAGERSYSTEME provides products that meet your requirements precisely. Top-quality storage retrieval machines, conveyor technology, rail-guided vehicles, shuttles, and load-handling devices from our production facilities form precise, coordinated systems – and bring a dynamic to the warehouse that meets the highest expectations. No matter what type of warehouse you run now or want to run in the future – a new high-bay warehouse, automated small-parts warehouse, a modernized existing warehouse, or an operation with sophisticated pallet conveyor technology – you’ll find the right solution for you here.



MODERNIZATION FOR EXISTING WAREHOUSES THAT CAN MEET FUTURE NEEDS

Aging affects everything, even warehouse and conveyor technology. The powerful modernization concepts from DAMBACH LAGERSYSTEME bring your existing warehouse back to its maximum efficiency when requirements have changed, expansions are planned, or the life span of individual components has been exceeded. Take advantage of the years of expertise of DAMBACH LAGERSYSTEME before wear becomes a risk factor that threatens to halt operations in your warehouse. Even systems with manufacturers that have long gone out of business or no longer support the warehouse technology sector can be optimized. We utilize synergies from the construction and production sectors to adapt these systems and offer clever ideas for all modernization projects.



STORAGE RETRIEVAL MACHINES **HIGH HANDLING CAPACITY IN DENSELY** **PACKED WAREHOUSES**

Optimum use of space and high dynamics for maximum handling capacity are what make the storage and retrieval machines from the different DAMBACH LAGERSYSTEME series stand out. Whether you need a solution with aisle-bound or aisle-changing machines, the huge product range offers the ideal warehouse technology to meet any requirements. Different technologies are used depending on the warehouse type, available space, and intended handling capacity. The modular design means that even later increases in output can be planned for. The MONO series is aisle-bound and boasts an especially high output. MULTI storage retrieval machines can follow curves, allowing them to reach every storage aisle effortlessly and ensure high redundancy. The MINI can reach previously unheard of heights in automated small-parts warehouses. All of the systems can handle high capacities, are variable, and are especially easy to maintain.



PALLET SHUTTLE SYSTEM

MAXIMUM SCALABILITY AND HIGH THROUGHPUT

MULTIFLEX is the highly efficient pallet shuttle system that builds on the synergy between three perfectly coordinated modules: the CARRIER, COMPACT SHUTTLE, and LIFT vertical conveyor. They allow multiple-deep storage in combination with high throughput. Future increases in output are easy to plan for thanks to subsequent scalability. The system masters even complex building configurations and is extremely flexible due to its adaptive modular structure. With innovative energy storage systems and clever consumption management, MULTIFLEX is also a sustainable choice. The pallet shuttle system is fully compatible with deep-freeze storage conditions, like all products from DAMBACH LAGERSYSTEME.



LOAD-HANDLING DEVICES

PRECISION FOR RELIABLE TRANSFERS

Having the right load-handling devices is crucial for secure and precise handling of your loading aids. DAMBACH LAGERSYSTEME offers a complete range of equipment from its own production facilities. Functional reliability and durability take top priority here. Whether you use classic telescopic solutions, dynamic push-pull grabbers, tried-and-tested shelf solutions or sophisticated systems for handling boxes and containers, reliability and short transfer times are the main considerations.

The COMPACT SHUTTLE, combined with storage and retrieval machines, conveyor technology, or a pallet-shuttle-system, is ideal for multi-depth storage of pallets. It allows for especially compact storage, can run 24 hours a day, and is also perfectly compatible with deep-freeze storage conditions.



PALLET CONVEYOR TECHNOLOGY PRECISELY FITTING INTERFACES FOR GREATER EFFICIENCY

Pallet conveyor technology from DAMBACH LAGER-SYSTEME was especially designed for use in high-bay warehouses. It brings decisive benefits to efficient material flow. The storage and retrieval machines and conveyor technology from DAMBACH LAGERSYSTEME work hand-in-hand thanks to perfectly coordinated interfaces. A flexible complete product range that includes reliable chain and roller conveyors, transfer units, turntables, lift tables, vertical conveyors, and traversers ensures that pallets and crates are transported reliably to wherever they need to be. The modular design and ease of implementation also make it possible to expand and modernize existing warehouses at any time. High dynamics and a durable design make this range of pallet conveyor technology products complete.



RAIL GUIDED VEHICLE SYSTEM **MAXIMUM HANDLING CAPACITY** **IN THE APRON**

MONOFLEX is the high-performance conveyor system for the warehouse apron. The twin rail track and transport cart system is flexible and highly dynamic. This system not only achieves trailblazing capacity statistics, but can also handle material flow peaks with ease. Its compact design allows for several vehicles to be used simultaneously at the transfer stations. With a distribution system of fast switching times, throughput rates of up to 450 carts per hour are possible, as well as fast cart changes and additions. MONOFLEX is the perfect complement to the MULTIFLEX pallet-shuttle-system – for uncompromisingly high handling capacity that starts right in the apron. This way, it's not just profitability that stays on track: inductive energy transfer and a sturdy, lightweight design ensure excellent efficiency as well.

ON THE RIGHT PATH

FIND US HERE



DAMBACH LAGERSYSTEME GmbH & Co. KG

Hardrain 1 ■ 76476 Bischweier ■ Germany

Phone: +49 7222 9660-0

info@dambach-lagersysteme.com

www.dambach-lagersysteme.com

Subject to change without prior notice. V1.1

DAMBACH
LAGERSYSTEME