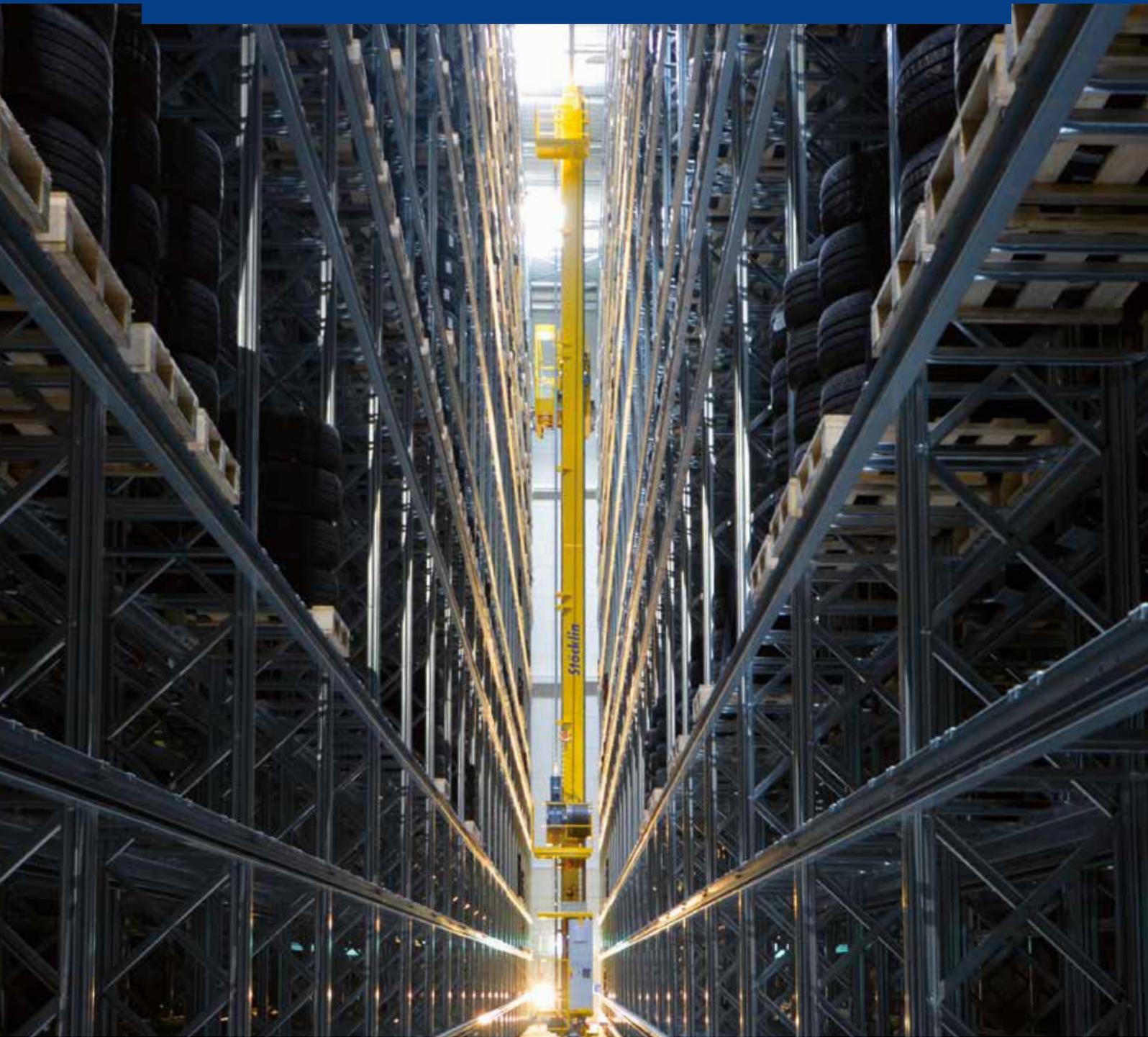


# PALLET SYSTEMS



***Stöcklin***  
**Home of Intralogistics**



## Innovative Complete Solutions

As a supplier of complete systems, we plan, design and realize equipment to meet the distinct and operationally specific requirements of our customers. As a strong partner, Stöcklin supports you with many years of competency and experience in intra-company logistic solutions in all industries.

When we speak of the entire system, we mean more than just smooth interaction between the mechanical, control and material flow systems. Above all, we incorporate all special features of your products, your shop and your economic processes and objectives into consideration.

We support our customers from the planning and development phase right through to delivery of complete turnkey systems. Our many years of experience and great production depth allow us to offer conveying and storage systems for highly varied types of load carriers including floor handling equipment to contribute to your logistic processes as a cost-reducing factor and strengthen your long term, sustainable competitive ability.

We place great emphasis on long term, cooperative relationships with our customers. This means our job is not done when your system is completely installed. This is the point at which another strength reveals itself: We are always there for you with our consulting services. Various service concepts, courses of training, a 24/7 service desk and quick-shipping replacement parts guarantee high availability in your warehouse over the entire life cycle.



## General Contractor

Optimization of space, time and resources is a key contribution from us to your continued success. Acting as your general contractor with overall project responsibility, Stöcklin Logistik AG offers complete, ready-to-use systems allowing you to store your products in the minimum space, manage them reliably and pick and transport them as quickly as possible with minimum personnel costs. Our objective is to optimize intralogistic processes for our customers and ensure top accessibility of your goods - true to our motto "Climb to the top".

As a system integrator, we offer complete intralogistic concepts as your single source for your complete system needs. This means that we are your sole point of contact for all requirements within your project. We coordinate all of the work you require, from floor slab to installation of various equipment such as lights and we can assume overall responsibility for all intra-company logistic issues and cooperate with a general contractor for construction.



*"Stöcklin's pallet systems guarantee high performance, availability and efficiency. Whether conventional conveying equipment or full automation, complete system integration and full monitoring of your material flow — we are pleased to provide our consulting services to find the ideal solution to meet your requirements."*

Urs Grütter, President and CEO



## Pallet Warehouse

The variety of our system solutions allows us to offer innovative complete solutions, which we can adapt to your specific requirements thanks to their high degree of configurability.

Our systems cover the whole range of requirements. For example we offer custom solutions to meet your requirements in the field of temperature-controlled storage from  $-30^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$  (deep freeze, refrigerated and normal temperature storage), in the clean room field (pharmaceutical, foods and beverages) and for explosion hazard environments.

Whether free-standing or building-supporting rack, made of steel or wood, we are pleased to support you with our know-how in planning and implementing the optimum system for storing your merchandise. Highly dynamic system components combined with modular design guarantee maximum performance and high availability. Our proven stacker cranes for aisle-bound storage and retrieval and single, double or multiple depth storage in space-saving tunnel storage systems form the basis for efficient storage and transport.

We will be pleased to provide support to increase the performance, availability and efficiency of your intralogistics. Simply contact our competent staff; together we will work out the best solution for your storage requirements.

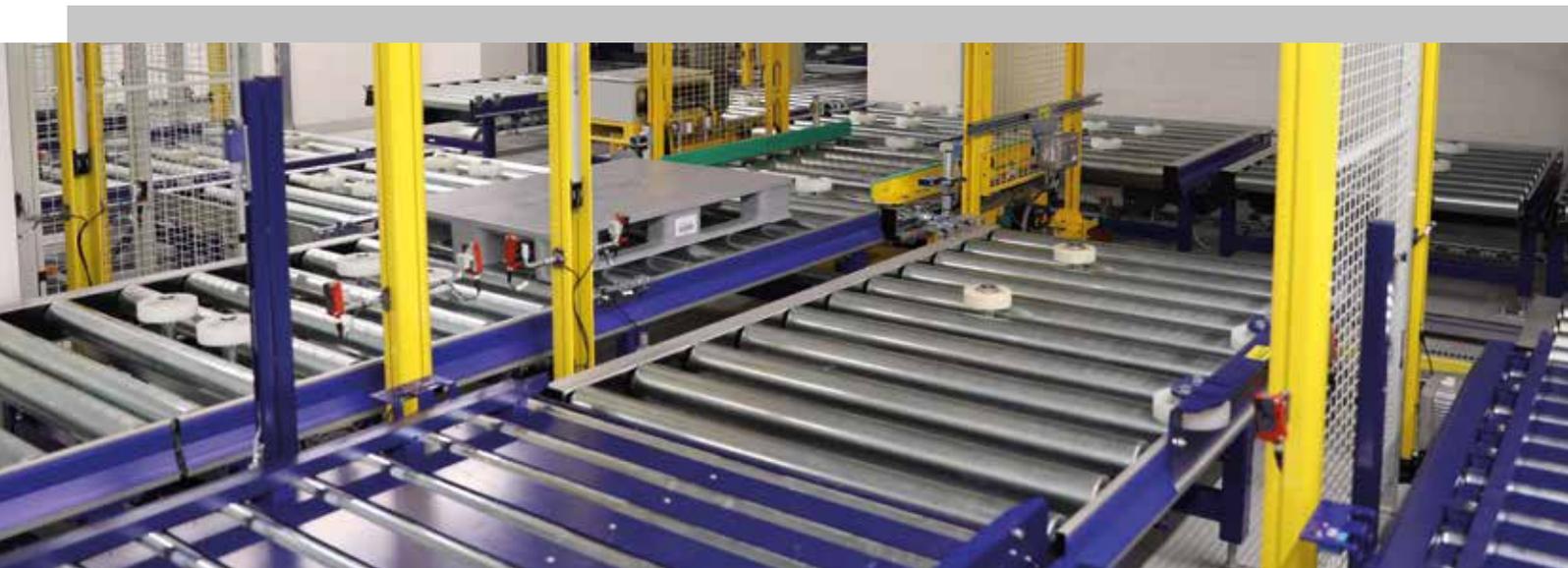
# Material Handling and Picking Systems

For intra-company material flow, we offer a conveyor system capable of moving pallets and other load carriers efficiently and reliably in the horizontal and vertical direction. This conveying equipment with its modular design and capability of expansion at any time forms an important link between production, storage and picking zones and is decisive for quick and reliable operating processes.

Stöcklin offers the optimum solution for your requirements for conveying all pallets made of wood, aluminum or plastic as well as carriers of all types with loads up to 1,500 kg. Our robust and durable system components as well as intelligent control connected to high capacity material flow and warehouse management software guarantee maximum performance, availability and operating reliability.

Stöcklin's state-of-the-art warehouse management technology ensures efficient and ergonomic picking solutions. We can show you possibilities to save costs and optimize picking processes. In combination with *StöcklinWMS* we offer all popular picking modes:

- Pick-by-Light / Pick-to-Light
- Pick-by-Voice
- Put-to-Light
- Handheld (Scanner)
- Goods-to-Person (picking station)
- Paper supported picking



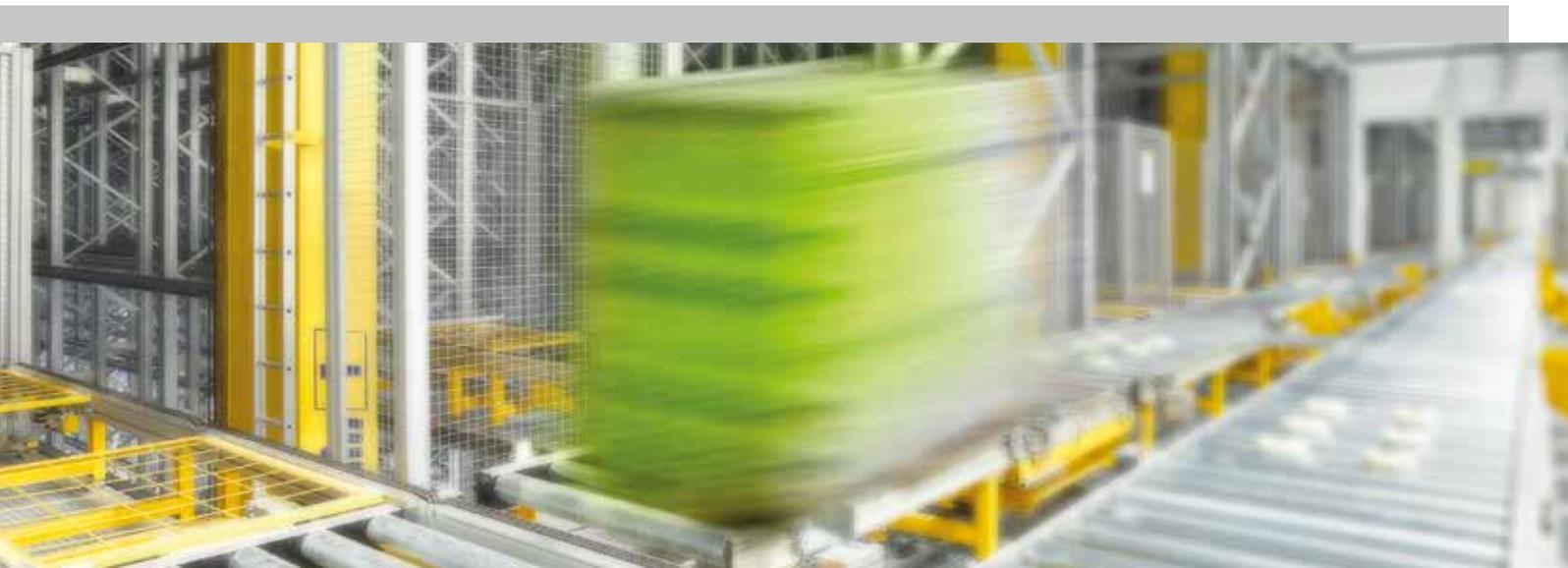
# Control and Warehouse Management

The intralogistic processes are optimized by intelligent control of material flow and efficient management of storage locations using sophisticated warehouse management software - resulting in high performance systems.

Our intralogistic solutions are distinguished by high redundancy and rapid material flow to ensure your merchandise is always available. A balanced combination of proven mechanical equipment and intelligent software guarantee high performance conveying and storage systems with high availability rate.

Our *StöcklinWMS* is subdivided into functional components going beyond single modules. The modules can be used separately or combined to meet project requirements. Thanks to its certified interface, the *Stöcklin WMS* can be integrated seamlessly into the hierarchy of highly varying systems used in automated storage.

The operational reliability and quality of a software system depend decisively on its internal structure and degree of standardization. That is why this aspect was given special attention while planning and developing the *StöcklinWMS*. We will be pleased to help you clarify any questions regarding your specific project and determine the system with the best cost/benefit ratio for your requirements.





## Green Logistics

Even during product design, energy consumption is a core parameter together with functionality and cost optimization. We have developed special features for saving energy, thus providing a positive contribution to our client's CO<sub>2</sub> balance.

For example, we have developed an intelligent intermediate circuit coupling allowing our equipment's braking energy to be transferred from one drive axle to another. Energy optimization features such as feeding energy back into the power grid, automatic switchover to more efficient operation during low load phases (ECO mode) as well as automatic switch-off when not in use (standby mode) further increase the energy efficiency of your equipment. The savings actually achieved depend on the storage strategy used. Additionally, it is important to synchronize all systems present (ERP system, warehouse management system, control and drives) optimally to achieve the desired energy saving goal.

We cooperate with our customers to establish practical arrangements to meet their specific requirements, in terms of energy savings as well as required system performance.

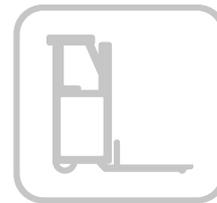
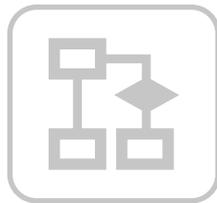
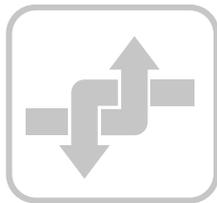
In addition to energy efficiency, the long service life of our system components is a primary factor for ensuring a sustainable solution for your storage facilities.

# **Stöcklin**

**Home of Intralogistics**

Since 1934, the Swiss Stöcklin Group has been your competent partner world-wide for innovative and customer-specific logistics solutions.

As an experienced, international system integrator for intralogistic systems, we support our customers from the planning and development phase right through to delivery of complete turnkey systems. Our products, produced primarily as the original equipment manufacturer (OEM), allow us to offer conveying and storage systems for highly varying types of load carriers as well as floor handling equipment to strengthen our customer's long term, sustainable competitive ability.



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