

# EFFICIENCY

# PROVEN SOLUTIONS

# HIGH BAY STORAGE



## WE ARE ACTIVE IN THESE BRANCHES OF INDUSTRY

- Wood and particle board
- Furniture
- Timber trade
- Rubber and tyre
- Natural stone
- Building material
- Sheet metal
- Plastic and metal

## OUR PRODUCT RANGE

- Material handling equipment
- High-bay storage systems
- Area storage systems
- Conveyance and stacking systems
- Stack truning device



Customer specific solutions

Knowledge  
ensures movement

**SYSTRAPLAN**   
Individuelle Materialfluß- und Lagertechnik

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Storage systems  
meeting highest standards

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# AUTOMATED STORAGE AND ORDER PICKING SYSTEM



## Customer specific solutions for your storage

For efficient and economical warehouse logistics, regardless of the nature of your operations, high-bay warehouses, area storage systems or other automated storage and retrieval systems, all require appropriate warehouse technique.

Increasing warehouse and labour costs make the use of automatic storage and retrieval systems economically attractive. SYSTRAPLAN has more than 40 years of experience in designing and installing customer specific solutions for the automation of the most diverse warehouse systems.

### Selection of the appropriate solution

SYSTRAPLAN analyses your business needs and offers you tailored solutions that meet your requirements. Your tailored solution comes complete with all components. This may include: racks, automated storage and retrieval vehicles with customized load suspension, electrical control and warehouse management system.

### No time lost in the production

Unmanned operation of the storage system reduces labour costs. More important is the storage system's ability to ensure no loss of time in production.

### High-energy efficiency

To enhance the energy efficiency SYSTRAPLAN uses the most diverse technologies and methods. This includes:

- Energy saving drives, by energy recovery and energy compensation,
- route optimized storage and retrieval strategies,
- reduction of the standby energy consumption of the facilities.

### High bay or area storage

High bay warehouses have optimal space utilization and offer, with a height up to 30 meters, maximised use of warehouse capacity. Area storage and gantry systems, also with stack transportation, are a cost efficient alternative to using floor space instead of height.

### Automated order picking

Automated order picking makes it possible to collect specific items from warehouse stock to fulfil customer orders or production demands. Direct connection of the storage system with the production ensures a continuous workflow.

### Warehouse management software with maximum transparency for your storage

Each of our storage systems comes with a warehouse management system to ensure maximum transparency of your warehouse.

The warehouse management system can be used irrespective of operating system and in all industries to manage warehouse stocks. It optimizes your storage resources and contributes to efficient order picking.

All stocks and material movements are visualized and available at any time.



# FLEXIBLE, COST-REDUCING AND QUALITY-ENHANCING

## Warehouse with fast warehouse operations:

- The system knows the location of items stored.
- The system selects the optimized route for material.
- During system operation new tasks and task transfers are possible.

## Advantages:

- Continuous workflow and reduced loss of time in production.
- Unmanned operation reduces operating costs.
- Full integration of the storage system into the production process.
- Tasks will be transferred online.
- Exact inventory is available at any time.
- Reduced risk of damage thanks to automated handling.

## Highlight:

### Direct order picking on the rack serve carrier

The high-bay storage system developed by SYSTRAPLAN moves stacks as well as single boards.

Picking is performed on the rack serve carrier, removing the need for an additional picking area.

Remaining quantities simply remain in stock. This saves time, space, energy and extra handling systems for order picking.

The specialists  
for material flow technique

