

## Machinery

Components, parts, and tools –  
always safe and within arm's reach





# Customized solutions for storage, buffering, and retrieval of material



A continuously growing variety of tools and parts, ever-changing market requirements, and competitive pressure require more flexible processes in machinery operations. Mechanical and metal engineering organizations need solutions that are exactly matched to work processes to ensure flexibility and profitability.

## Maximizing space

Kardex Remstar offers high density storage solutions to reduce required floor space up to 85%. Utilizing wasted overhead space for storage generates ample space for your warehouse stock, tools and parts.

## Buffering for production

Our systems enable dense buffering of components and parts during each stage of your production process. Material can be buffered at any time for as long as needed to ensure you run your facility at maximum performance.

## Storage of different materials

The modular construction of our dynamic storage and retrieval systems can easily be adapted to changing company requirements. A reconfiguration of trays and carriers to maximize material storage density is possible at any time.

## Logistics is the key to success

**Better performance, even better service, and supreme quality – at lower costs?**

Storing, buffering, and supplying material, parts, and tools: through the perfect interplay of all in-house and inbound logistics processes you can tap significant economization potential with Kardex Remstar.

We can offer you complete solutions and consultation, which will result not only in saving space in storage and

production but, at the same time, will also increase process safety and transparency.

Our systems guarantee maximum availability with minimum storage and transport costs.

## Applications:

- Buffering of machine components
- Storage and order picking of small parts and raw materials
- Just-in-time retrieval for assembly

## Shuttle XP



### High-density storage in a compact footprint

The Shuttle XP has been designed to meet a broad range of storage and retrieval application requirements in manufacturing, distribution, retail and warehouse operations. The combination of storage density, flexibility, effectiveness and security makes it a unique storage solution. Trays are automatically delivered to the access opening at the push of a button or a scan of a bar code. The device is modular in its construction allowing the height and number of access openings to be adjusted post construction. By utilizing existing ceiling height, up to 85% of occupied floor space can be recovered. The height of each tray is automatically scanned to find the ideal storage location within the system using the least amount of possible space.

## Megamat RS



### Maximum storage space on a minimal footprint

Kardex Remstar has thoroughly refined the Megamat system, which has been proven over decades of use. The compact design ensures maximum storage space using minimal floor space. Shelves or drawers rotate up or down via the shortest path to automatically deliver stored items to an operator at an ergonomically positioned work station. Every Megamat RS can be used as a standalone solution or integrated with software.

## Case study: Faymonville in Büllingen, Belgium



### The Customer

Faymonville is a manufacturer of special transport and heavy haulage trailers for trucks which are designed for payloads of up to 1,500 metric tons and sold internationally.

### Task definition

1

The company decided to centralize its storage facilities for 17,000 articles, readily available for employees and customers whenever needed.

### Solution

2

Dynamic vertical lifts for storage, picking and putting operations, managed by Power Pick Global warehouse management software.

### Advantages at a glance

3

- Increase of productivity by 20%
- Enhanced efficiency due to batch order picking
- Faster retrieval of orders

### Scope of delivery

4

- 6 Shuttle XP 500 systems
- Power Pick Global: replenishment strategy, picture catalogue of materials, incoming goods and other modules



## Software Solution Power Pick Global

**Flexible Warehouse Management Software for intralogistics solutions.**

Power Pick Global is a user friendly Warehouse Management Software designed to enhance intralogistics solutions by providing complete inventory management. Combining dynamic storage systems with Power Pick Global maximizes storage density, reduces pick times for greater productivity and increases pick accuracy.

The software can optimize space within the unit, create pick sequences, prevent out of stock inventory shortages and provide easy real time reporting. With a modular structure, Power Pick Global can meet a customer's requirements – today and in the future.

It can be tailored to various requirements and meets the highest quality standards. Designed as a base package with multiple add-on options, Power Pick Global can be customized to meet the exact needs of each application.

### Why choose Power Pick Global?

#### Efficiency

Power Pick Global helps lower processing times, sequences order picking and assists with time optimized unit movement to increase throughput.

#### Accuracy

From standard validation via barcode, handheld scanner, weight control or pick to light technology, Power Pick Global



reduces picking errors, increasing accuracy to up to 99.9 %.

#### Security

Individual user and group rights can be controlled and managed, each transaction can be tracked.

#### Integration

Based on the latest windows technology, Power Pick Global can be easily integrated with your current ERP or host system.

**AMH:**

**Your local authorized Kardex Remstar distributor**

**Our dynamic storage and retrieval systems are designed to improve your material flow and optimize your intralogistics.**

**Experience in intralogistics: as a technical leading supplier of vertical lift modules, vertical carousels, horizontal carousels, order picking software and life cycle services Kardex Remstar has installed more than 140,000 dynamic storage solutions all over the world.**

Our applications serve a wide range of customers including administration, automotive, chemical & pharmaceutical, electronics, government, healthcare, medical device, oil & gas, and warehouse & distribution . With more than 1,300 employees, two production facilities and local representatives and service locations in over 30 countries around the globe we offer solutions that provide greater profitability.

Further information: [www.AutomatedMH.com](http://www.AutomatedMH.com)