

## Maintenance

Maximize Uptime With Quick Access  
To MRO Parts, Tools & Dies





## When Speed Matters



From spare parts distribution to maintenance and repair parts to handling tools, dies and fixtures it's critical to find parts quickly and accurately. Automated storage and retrieval solutions provide increased part accessibility and accuracy, along with accountability and real time stock management.

### When Speed Matters

In operations when every minute counts, automated storage and retrieval solutions can increase productivity by eliminating walk and search time commonly associated with shelving. With the push of a button the part is delivered to the operator, clean and ready to use, within seconds. To maximize order picking throughput, batch picking allows an operator to fill multiple orders simultaneously.

### Pinpoint Pick Accuracy

Using pick to light technology the operator is directed to the exact location of the required part, increasing pick accuracy to 99.9%. The TIC (transaction information center) provides the location, quantity and description of the part to be picked.

### Prevent Part Shortages

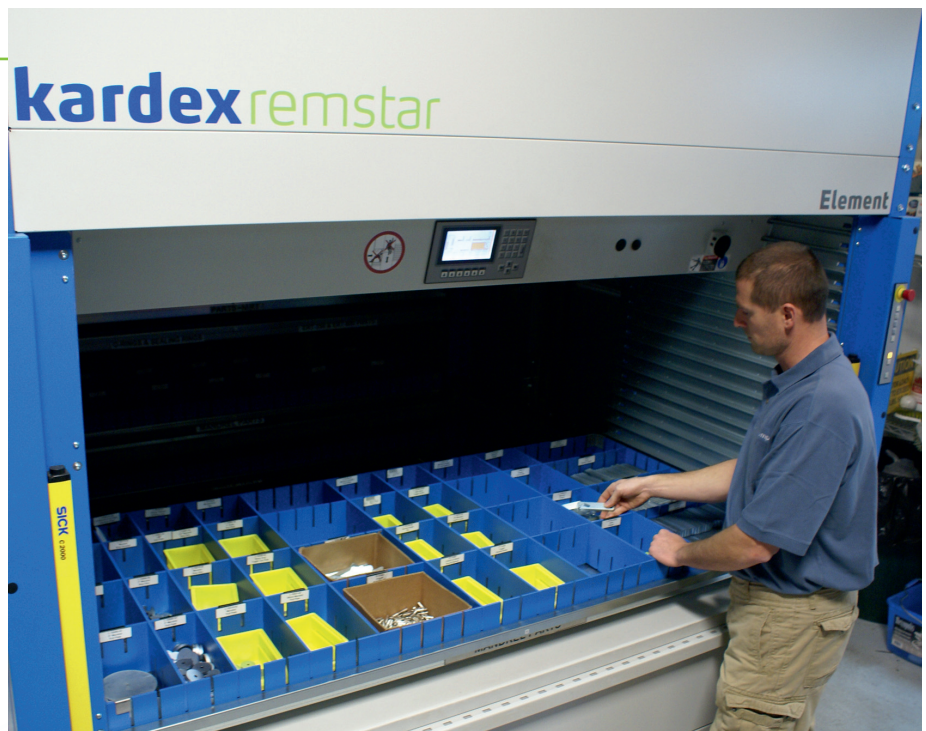
Integrated inventory management software provides real time inventory. Reorder points can be set by part number. When the part quantity dips below the reorder point, purchasing is notified, preventing part shortages.

## Storage

**Make it simple! We can help you simplify your operations, save storage space and increase your income.**

Inventory control and higher availability of your spare parts, picking accuracy and inventory security – that is what matters. Kardex Remstar can help you eliminate time otherwise wasted searching for misplaced or out-of-stock inventory. And all this in a highly-densified storage environment.

Our solutions are scalable and flexible to change with your business. Easily reconfigure trays and carriers to maximize product density or relocate systems within your facility.



## 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: safe & ergonomic die storage



### The Customer

Rimer in Waterville, OH produces precision investment castings using the lost wax method for electrical, food processing, mechanical, marine, textile, machine tool, and other commercial market applications. In this process, a die is first machined and then used to produce a very close tolerance wax pattern.

1

### Task definition

Rimer sought a solution for safe and ergonomic storage and retrieval of heavy dies used in their production process.

2

### Solution

One Shuttle VLM storing up to 850 pounds per tray.

3

### Advantages at a glance

- Safe & ergonomic die handling
- Recovered 90% floor space

4

### Scope of delivery

- 1 Shuttle XP VLM
- 850 pound capacity per tray

## Life Cycle Management

### Life Cycle Management

We keep your logistics on the move. 24 hours a day, 7 days a week, in over 25 countries throughout the world. Life Cycle Management is the active management of the complete life cycles of Kardex Remstar storage and retrieval systems. Our service provides a secure basis for the long term, efficient operation and ensures sustainability and profitability. Life Cycle Management by Kardex Remstar comes in three practical packages.

### ESSENTIAL

Qualified dealer certified service technicians implement know-how to protect and maintain your machinery and equipment. The service included in this package sets the foundation for long term and efficient operation of your storage unit.

### PLUS

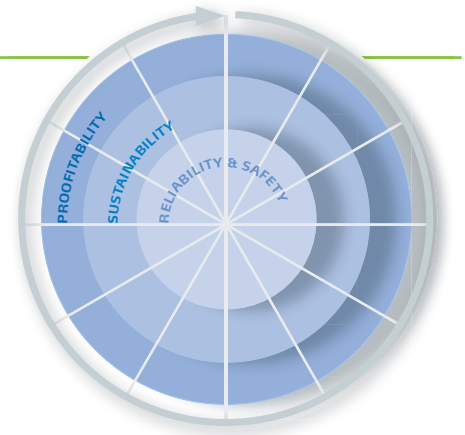
Besides maintenance, the key components of this service package include priority telephone support with 24/7 availability every day of the year and high-efficiency management of spare parts.

### EXTRA

Are you looking for something more? If so, the EXTRA Service package is the answer! Active maintenance management, move management, modification work plus training and regular software support combine to make this service package comprehensive.

### Service Products

- Safety Inspection
- Standby Service
- Telephone Support
- Maintenance



- Spare Parts
- Move Management
- Repairs
- Modifications
- Training
- Spare Part Packages

## Kardex Remstar:

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.kardexremstar.com](http://www.kardexremstar.com)