

Healthcare Services

Improved Service With Lower Costs



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Like many businesses today, healthcare service facilities including medical labs, diagnostic labs, home healthcare services, dialysis centers and specialty outpatient facilities are striving to provide the best services at the lowest cost. Kardex Remstar offers a broad selection of automated storage and retrieval systems designed to help healthcare facilities do just that- provide improved service while lowering costs.

Leaning Out Waste: By implementing dynamic storage and retrieval solutions that increase pick accuracy, improve productivity and save space; healthcare service facilities are leaning out wasted time and money in current processes. Healthcare service facilities have realized sustainable reductions of waste attributable to pick errors, labor, inflated inventories, expired product costs, lost items and workplace injury.

Labor Efficiencies: All Kardex Remstar technology is designed to bring items to the person, eliminating walk and search time commonly associated with drawers and

Benefits at a Glance

- Pick Accuracy Up To 99.9%
- Part Traceability
- Maximize Throughput
- Increase Productivity Up To 2/3
- Save Up To 85% Floor Space
- Worker Safety & Ergonomics

shelving. This creates a labor savings opportunity and makes efficient use of the facilities floor space and cube.

Part Traceability: Complete traceability is a necessity for healthcare service facilities. Inventory management software provides real time information for traceability, can reduce stock levels and can generate on demand reports with little effort.

Benchmark Customer: LifeNet in Virginia Beach, VA

Application: Storage And Inventory Control Of Live Human Tissue & Bones

Equipment: Four Shuttle VLMs With FastPic Software

Summary: LifeNet cut floor space requirements in half and decreased worker compensation claims all with a 12 month ROI

LifeNet is the nation's largest not-for-profit tissue bank on the east coast, providing donated organs and tissues to area hospitals. When recovered donor tissue and bones are received, experienced technicians cut and work the tissue and bones into surgery ready pieces. This finished product is stored in the warehouse- in one of 4 Shuttle VLMs or in freezers when required.

The VLMs have allowed LifeNet to extend order cut-off time. "We can now accept and process an order 30 minutes prior to our last pickup time to meet our customers same day shipping requirement," said Fred Walker, LifeNet's Distribution and Inventory Manager.



Upon distribution, the VLM delivers the item to the operator for picking. The item is placed in a bin and sent to verification where it is verified, packed and sent to shipping. The package is verified once more and shipped based on criteria such as if the items are frozen or room temperature.

Shuttle Vertical Lift Modules

The Shuttle® VLM is an enclosed system of vertically arranged trays stored on both sides of the unit with an extractor device placed in the center. The VLM automatically delivers a variety of trays and inventory to the access opening with the push of a button or the scan of a barcode.

Shuttle VLMs can easily handle a wide range of parts making it the perfect solution for healthcare service facilities.



Megamat RS Vertical Carousel

The Megamat® RS Vertical Carousel provides high density storage with quick access to parts via a system of vertically arranged rotating shelves that bring the exact part to the operator.

With an interchangeable, highly adaptable and configurable carrier concept the Megamat RS Vertical Carousel can be easily configured to meet any application. The multi purpose carrier can be equipped with inserts, rollout drawers, intermediate shelves, partitions and specialty holders to hold items, totes, containers, cases and cartons.



FastPic5 Inventory Management Software

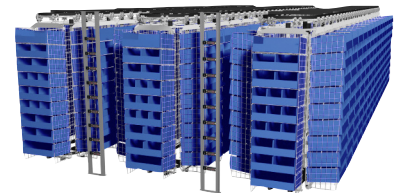
FastPic5 inventory management software combined with Kardex Remstar dynamic picking systems provide real time inventory transparency required by healthcare service facilities. FastPic5 software can integrate with any existing ERP or WMS system, making picking a seamless operation. FastPic5 software provides full part traceability, transaction accountability, ensures proper stock rotation and picking validation.

FASTPIC
systems



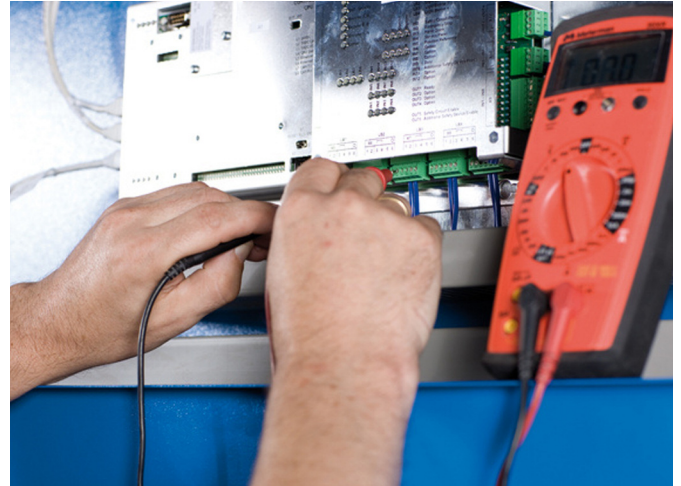
Horizontal Carousels

For high speed parts picking, a pod of horizontal carousels work together to provide maximum throughput. Bins mounted on an oval track rotate horizontally to deliver stored items to an operator. This allows an operator to pick an item from one active carousel while the others are pre-positioning to be picked the moment the operator is ready. Designed for high speed order fulfillment, the horizontal carousel is the ideal solution high speed picking.



Service Advantage

No matter where you are, a Kardex Remstar service technician is only a phone call away - with over 500 factory trained technicians available 24 hours per day, 7 days per week... this is the Kardex Remstar service commitment. We have three service packages available: essential, plus and extra. These packages assure that your system always performs to your high standards – and ours. We stand behind our products by offering one of the most extensive and comprehensive warranties in the industry.



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