

Clean Room & Good Manufacturing Practices Solutions

From Class 10 to 100,000, Kardex Remstar's vertical ASRS systems provide one of the largest selections of cost effective clean room technologies to meet your current and future manufacturing requirements. These technologies have been implemented for decades in over

75,000 successful installations around the world. The systems have demonstrated their fast installation, reliability and enhanced productivity and tremendous rate of return.

■ Intrabay & Pass Through Operations

Material can be accessed and delivered to any one of up to six bays or workstations with a push of a button. This allows multiple areas with varied levels of cleanliness to be integrated with minimal risk of contamination. Optional, automatic motion sensing doors open for access to product, and close to resume systematic air-flow of internal machine.

■ Mini Environments

Systems can be installed with hard or soft wall technology to create up to a Class 10 clean room workstation at a fraction of the price of comparable systems.

■ Save Up To 75% Floor Space Of New or Existing Construction

Easily implemented in new construction or designed to retrofit existing facilities, all of Kardex Remstar's vertical ASRS systems provide tremendous space optimization in expensive clean room facilities.

■ Increase Productivity Up To 2/3

Bar code scanning, Pick-To-Light, batch picking and replenishment, and reduced walk and search time are just a few benefits Kardex Remstar's vertical ASRS customers realize.

■ Enhanced Operator Ergonomics

Items are delivered to the operator at an ergonomic height virtually eliminating bending, stretching and heavy lifting. SEMI compliant Load Ports, and robotic interfaces can be integrated for total automation and ergonomic handling.

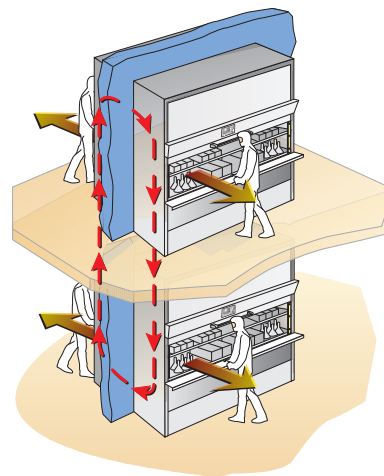
■ Buffer Storage

Material can be stored in the trays or carriers until needed by any one of the workstations or bays. Ideal for work in process and kitting operations.

■ Reduce Or Eliminate Construction Costs

The space savings nature of the ASRS systems allow organizations to reduce new construction costs, eliminate expansion or moving costs.

Storage, Pass Through & Buffer



From class 10 to 100,000, Kardex Remstar has a large selection of technologies to pick from.

Multiple levels of cleanliness and up to four pick windows can be utilized.

■ Reduce Inventory & Improves Accuracy

By integrating Kardex Remstar's software controls, management is able to better implement JIT, Lean Manufacturing and Six Sigma programs. Users of Kardex Remstar's ASRS and integrated pick-to-light technologies often realize accuracy levels up to 99.9%.

■ Reduced Implementation Cost & Risk

Depending on the level of cleanliness and model, Kardex Remstar can deliver and install some units in as little as 10 working days. This degree of customer satisfaction comes from decades of manufacturing, installation and service expertise.

■ Reduces Shrinkage

Enhanced accountability and management virtually eliminates shrinkage.

■ Applicable Standards

▪ SEMI S2 ▪ SEMI S8 ▪ UL ▪ cUL ▪ CE