



Vertical Lift Module- VLM

Kardex Remstar



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Why a VLM?

High density storage in a compact footprint. VLM is an automated high bay warehousing system with a modular design operating on the "goods to person" principle.

Optimum storage density, flexible efficient storage strategies and safe fatigue-free working: the Shuttle XP VLM combines unique specifications to produce one system that precisely meets individual requirements and conditions. Its success recipe in a nutshell: efficiency through CubeStar technology.

Features

True Modular Construction Possibility to change the height quickly and easily to meet future needs.

Tooth Belt Drive Provides faster travel and access times, lower noise levels and greater longevity of your machine

Multiple Capacity Trays Various capacity trays can be used in one VLM unit providing storage flexibility and meeting exact storage requirements

Automatic Shutter Doors Provides protection for operator and stored goods while decreasing noise levels. Enables pre-picking by allowing an operator to work with one tray in the access opening while the extractor prepares the next tray for delivery behind the shutter doors

Plug and Play Software Packages FastPic5 software easily integrates the Shuttle VLM into an existing WMS or ERP.

Internal Weight Management System Monitors tray and unit load to prevent overloading of the individual tray or the unit.

CubeStar Technology Automatically scans the height of the products stored on each tray to maximize storage density within the VLM

Flexible Tray Delivery Delivers trays to the user's specified ergonomic height and also allows two trays in the access opening for increased productivity

Common Applications


- Spare Parts
- Maintenance Parts
- Tools and Dies
- Fixtures
- Finished Goods
- Buffer Storage




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Kardex Remstar Shuttle XP VLM

8 Reasons to Choose The Shuttle XP

Benefit: Ergonomics No need for workers' bending, reaching, squatting or climbing. The Shuttle XP VLM works on the "Goods to Person" principle and delivers all items automatically to ergonomically positioned access window. Trays can also be delivered to each user's specific work height and conveyors, robotic arms and lifting devices can be integrated for maximum work comfort.

Benefit: Security & Safety Controlled access to specific trays or tracking user access is not a problem with the Shuttle VLM. Shutter doors provide increased safety and security for operators and stored items.

Benefit: Modularity A modular design allows for the unit height to be changed to meet a facility's changing work flow and inventory profile

Benefit: Reliability With the great installation base of VLMs, the Kardex Shuttle XP VLM provides unsurpassed levels of mean time between failure ratings in the industry. From design to manufacturing, installation and service, the Shuttle XP is one of the leading technologies in the industry



Benefit: Saving Floor Space With heights to meet your exact requirements, the Shuttle XP VLM can provide true floor to ceiling storage. Utilizing unused overhead space the Shuttle VLM can recover up to 85% of otherwise wasted space

Benefit: Reduced Labor Costs Items are automatically delivered to the operator eliminating wasted walk and search time. Integrating optional QuickPic® pick-to-light technology immediately identifies the item and quantity to be picked increasing productivity by up to 2/3

Benefit: Accuracy Integrating QuickPick pick-to-light technology, bar code scanning and software interfaces provide the highest levels of accuracy. By directing the operator to the exact location of the pick accuracy levels can increase up to 99.9%

Benefit: Flexibility Each tray can be programmed to meet your needs such as: slower speeds for sensitive items, positioning fast moving trays in the "Golden Zone" for fast retrieval and restricted access to individual trays. For maximum flexibility various weight capacity trays can be mixed in one Shuttle XP VLM unit.