Automatic Vault System (AVS)

The fully-automated vault system for high-value products

Secure Storage for Sensitive Items

Bell and Howell teamed with Otto Künnecke to bring the Automatic Vault System (AVS) to the North American market. This system is designed for organizations that are seeking an efficient solution to securely store and process highly sensitive and high-security documentation.

Not only does the AVS automatically stores sensitive and high-security documents such as ID cards, passports and driving licenses under their relevant security regulations, it also reliably stores precious or dangerous raw materials, sub-assemblies, chemicals, pharmaceuticals or finished products.
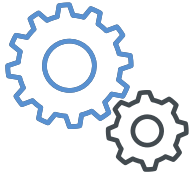
Whether flat or three-dimensional products, individual or in magazines, the AVS controls the storage and retrieval processes from the downstream modules to the upstream quality control and packing line. The entire process is monitored and optimized by quality controls and inspection.

Only then will the products be delivered to the finishing or packing operations.

Like all Otto Künnecke modules, the AVS is built in a completely modular fashion: dimensions and capacity can be freely configured, thereby enabling installation in any available space or layout. Random storage of the most diverse products in the same drawer is possible; the system calculates the space requirements and positions the product optimally into storage. The complete logistics of storage and retrieval can be variably configured and can be modified in the field should new requirements arise.

At the heart of the AVS lies an SQL database which not only administers the product sizes but also controls all the parameters necessary for moving the products into and out of storage such as expiry date, destination and sequence. Products can be taken out of storage and delivered to a retrieval point, a packaging machine or a container for further processing.
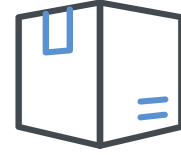
Key Features & Benefits

Modular construction and drawer spacing

Interface to ERP-System for stock management

Automated inventory and processing

100% secure and database-supported

Drawer heights and panels freely configurable

Automated inventory and processing

Reliability and Service

From an extensive service footprint, 40,000+ parts at 40+ stocking locations, to the best service and support in the industry, we'll ensure that you're never compromised. By combining turnkey project management, advanced analytics and flexible maintenance plans, you'll have the complete solution to ensure that your organization is always running and always secure.

Dependability When It Counts

Bell and Howell and Otto Künnecke bring together 80+ years of knowledge and experience handling high-security mail and documentation that require total perfection in every step in the process.

Bell and Howell Service Solutions

Transforming business challenges into competitive advantages

Bell and Howell offers a holistic service and support solution with each unit. These services include turnkey project management, extensive service footprint, national parts network, advanced analytics, remote monitoring, and IoT-enabled services. Bell and Howell's pickup solutions leverage the Internet of Things (IOT) to provide remote functionality including remotely monitoring and diagnosis. These unique capabilities improve first-time fixes (FTF) rates and increase overall performance. In some cases, issues can be resolved remotely, even before customers know there might be an issue.

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