

Hänel Storage Systems



Rotomat® Automated Vertical Carousels in Healthcare

The Rotomat® Vertical Carousel was introduced by Hänel in 1957. Originally used for office filing applications, the benefits of high-density storage in a small footprint quickly expanded the uses for the Rotomat. Hospitals and surgical centers adopted the vertical carousel for patient records x-rays, lab samples and even laundry. More recently, the Rotomat has been revolutionizing sterile storage for central processing and in the operating room.

The Rotomat makes use of the full room height to save floor space, allowing facilities to store more in their existing space. Enclosed storage provides protection and security, advanced controllers can track expiration dates and restrict user access. Items are delivered directly to the user, eliminating searching.



Vertical Carousel

The Rotomat Vertical Carousel is based on the Ferris Wheel principal, where inventory is stored in carriers that rotate within the machine. Items are brought to the user at an ergonomically-correct height, eliminating searching, walking and lifting. Trays, wrapped sets, implants, supplies and more can be stored in a variety of shelves, bins and drawers. Because inventory is fully enclosed, concerns over cleaners, sprinklers and airflow are greatly reduced.

Controls & Software

Hänel offers advanced microprocessor controllers and software packages that provide comprehensive inventory management. Options include batch processing to speed building case carts, date tracking to avoid expired inventory and access code management to restrict access to the machine or even individual items. Accuracy can be improved to over 99%, reducing complaints over missing instruments and avoiding under or over stocking items.

The “Big 5” benefits of Hänel storage

Space Savings

Vertical storage frees valuable floor space, allowing more storage in the same room.

Productivity Gains

Items are brought to the user to save time spent walking and searching shelves.

Access Management

Valuable inventory items are enclosed and protected by lock and key and pass code.

Inventory Control

Hänel’s advanced controllers and software options take inventory accuracy to over 99%.

Ergonomic Benefits

Ergonomically-correct access point eliminates stooping, reaching and stepladders.

Advantages of the Rotomat® Vertical Carousel



BEFORE: Traditional wire shelves offer no protection and lead to items being stacked and stored in hard-to-reach locations. Items cannot be too close to the floor or ceiling, and proper airflow is seldom maintained due to limited available space. Items are hard to find and track, leading to expired inventory, overstocking and complaints when items are unavailable.



AFTER: Rotomat® Storage Carousels are fully enclosed, allowing storage floor to ceiling that is secure and protected. Automation and inventory management ensure that proper inventory levels are maintained and that items do not expire. Carousel shelves are customized to suit individual needs, avoiding stacking and ensuring ideal storage conditions.