

A Member of the Constructor Group



Storage solutions since 1947

# PHARMACEUTICAL INDUSTRY STORAGE SOLUTIONS



## Pharmaceutical warehousing and distribution

Whether you are developing, manufacturing, or distributing & selling pharmaceutical based products, the conditions these goods are stored in vary and need to follow strict standards.

Various requirements for safety, traceability, hygiene, and temperature often result in a demand for custom made storage solutions. Dexion's wide range of adaptable products can provide solutions that meet the strict requirements for safe and correct storage within the Pharmaceutical Industry.

Some of the challenges faced by our Pharmaceutical customers include:

- ✓ Temperature requirements to maintain the quality of the products
- ✓ 100% traceability to follow strict guidelines on monitoring expiry dates
- ✓ Maintaining a sterile environment
- ✓ Stocking a wide range of products
- ✓ Large amount of storage capacity needed in a small area
- ✓ Security restricted storage with control over access

### Racking for palletised goods

Raw materials delivered to a drug manufacturer often arrive palletised and need to be stored ready for usage, sometimes in temperature controlled environments. Once manufactured and packaged they need to be stored prior to dispatch, usually on pallets.

Dexion's racking has numerous design layouts that can be used in ambient or chilled environments. Wide aisle racking offers easy access and the ability to adjust the layout. Mobile pallet racking is ideal for limited space, Pallet or Carton Flow for FIFO handling or alternatively Drive in or Pallet Shuttle for dense storage of bulk stock. Dexion can help design, manufacture and install your ideal solution.



#### Ideal for Pharmaceutical industry

- ✓ Wide aisle racking for easy access
- ✓ Mobile Pallet Racking for dense storage
- ✓ Pallet Shuttle/Drive-in without access lanes for bulk storage
- ✓ Pallet Shuttle or Pallet Drive-in removes access lanes providing bulk storage



More information see:  
[www.dexion.co.uk/pharma](http://www.dexion.co.uk/pharma)

## Shelving system for efficient small part storage

Medical centres, hospitals, vets or pharmacies all need to stock a high number of product lines to accommodate their patient's needs.

Our shelving range offers a wide range of traditional, mobile and multi-tier options. The galvanised finish helps maintain strict hygiene rules and is suitable for ambient or chilled environments. It is the perfect choice for the storage of pharmaceutical products.



The mobile shelving system is ideal for hospitals, medical centres or back of store areas, with the ability to lock the unit to increase security.



Multi-tier shelving with an integrated mezzanine floor is ideal when a large picking area is required, with limited floor space.

### Key Benefits of Shelving

- ✓ Galvanised finish
- ✓ Ideal for ambient or chilled areas
- ✓ Range of design layouts
- ✓ Modular design, easy to adjust or extend
- ✓ Perfect for small component storage
- ✓ Mobile shelving offers added security features

## Storage Machines - secure and safe

Within the pharmaceutical industry there is no room for error, as the consequences can be fatal. With a Dexion storage machine medical practices or pharmacies can securely automate storage within a single unit, providing a high-density solution that can reduce picking errors by up to 60 %.

Being able to control access to the stored goods allows you to achieve the high level of security necessary when handling drugs.

Whether you are storing sensitive laboratory instruments or medicines, a storage machine can eliminate the need for shelf space, hence creating additional room within the often limited space on medical premises.

### Range of Storage Machines

- ✓ Tornado Lift - offers maximum storage capacity with minimum floor space
- ✓ Paternoster - ideal for heavier loads
- ✓ Horizontal Carousel - tailored for low ceilings



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## Pharmaceutical case studies

The warehouse at Novo Nordisk had their storage area optimized with Mobile Pallet Racking. The upper levels are designated for buffer storage while the floor level used for picking. All pallet locations at floor level have been fitted with pallet pull out units for easy access.

Novo Nordisk is a global healthcare company and has leading positions with in diabetes care, haemophilia care, growth hormone therapy and hormone replacement therapy.



Smith & Nephew needed a new solution for their goods and associated packaging material. A Multi-Tier shelving systems was installed to support their European logistics operation for finished goods. For the storage of semi-manufactured products a Mezzanine floor was installed to create additional capacity.

Smith & Nephew is a global medical technology business having leadership positions in orthopaedic reconstruction, advanced wound management, sports medicine and trauma.

The Horizontal Carousels (HOCA) significantly improved the storage of small products and the overall picking process at the hospital pharmacy in Dresden, Germany. Designed to exactly fit the lower ceiling height with the added advantage of being connected to the central system. This enabled 15 orders to be picked simultaneously by one operator. A special glass door covers the access area of each horizontal carousel for maximum safety.



An investment in Paternoster Vertical Carousels and Tornado Lift Machines reduced picking errors significantly and batch picking was introduced at Berner's warehouse.

Berner is a consumer goods importer and manufacturer with many departments. The largest units are techno chemistry and cosmetics. Other sectors include hygiene, health and research.

## A selection of our customers in the Pharmaceutical Industry

- Novartis
- Pfizer Pharmaceuticals
- Glaxosmithkline
- Thermo Fisher
- Tampere University Hospital
- Antibiotice S.A.
- Naas General Hospital
- Novozymes
- Randow Laboratories
- Södersjukhuset
- Yves Rocher

Your Dexion Distributor is:



**Dexion Storage Centre Anglia Ltd**  
Unit 19, Bryggen Road,  
North Lyn Ind. Est.  
Kings Lynn, Norfolk PE30 2HZ

Tel: 08456 123 646  
Fax: 08456 123 656

[sales@dexion-anglia.co.uk](mailto:sales@dexion-anglia.co.uk)  
[www.dexion-anglia.co.uk](http://www.dexion-anglia.co.uk)