

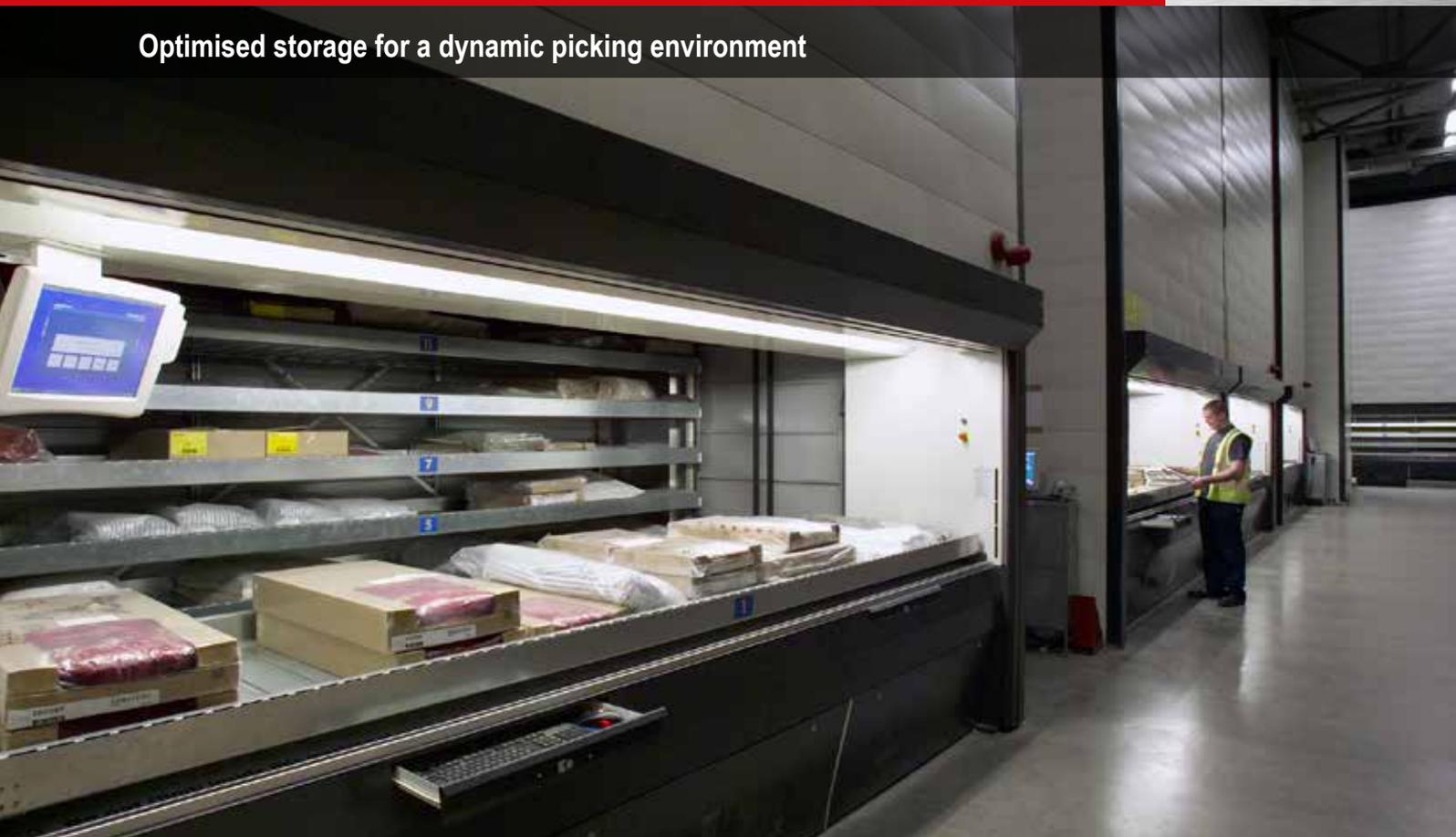
A Member of the Constructor Group



Storage solutions since 1947

STORAGE SOLUTIONS FOR E-COMMERCE

Optimised storage for a dynamic picking environment



Providing solutions for the e-Commerce Companies

The challenges faced by the E-commerce industry require storage solutions that provide quick access and can easily adapt to constant changes in your stock profile to keep up with this fast market place.

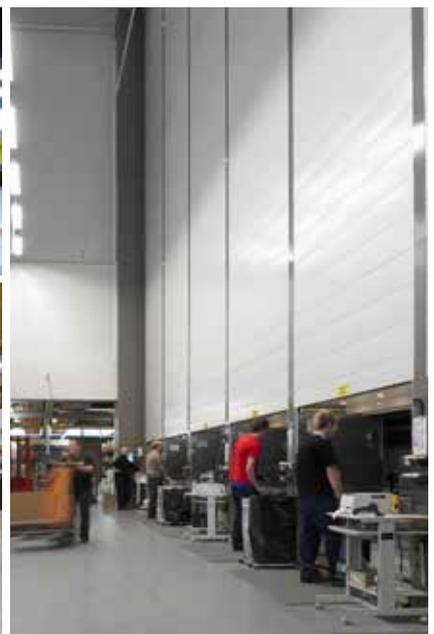
Some of the challenges faced by our E-Commerce customers include:

- ✓ Quick dispatch times need an accurate, high speed picking solution
- ✓ Product lines can change frequently
- ✓ Stock control needs to be monitored continually
- ✓ Seasonal influences should be considered
- ✓ Returned products must be dealt with
- ✓ Security is a concern, particularly with high-value items

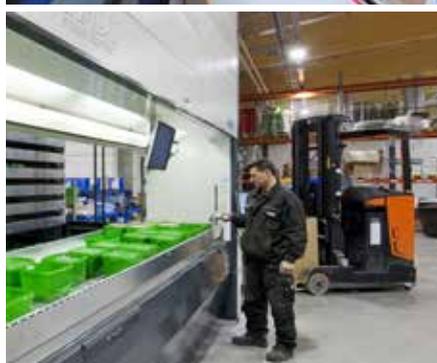


Automate your storage with a Machine

A storage machine offers a modern approach for picking and storing of all sizes of e-Commerce products. This can significantly improve the efficiency of component picking by over 60 % and saves up to 70 % floor space.

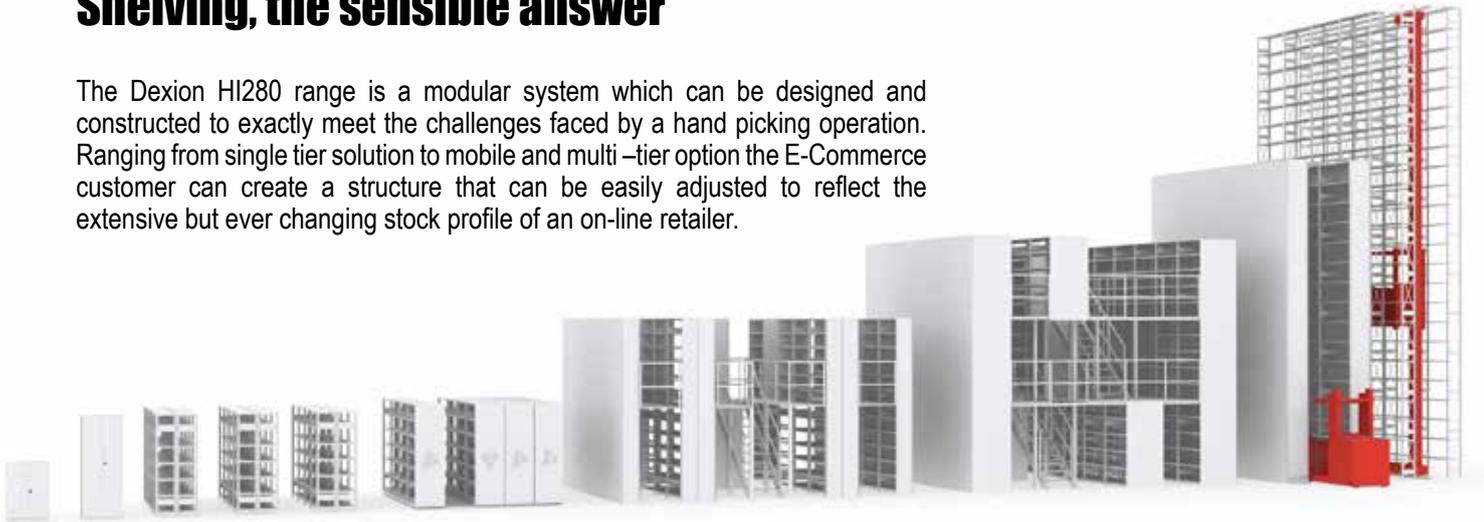


- ✓ Reduction of picking errors by up to two thirds
- ✓ Average picking from machine is 120-150 lines per hour
- ✓ More accurate stock inventory
- ✓ Easy to use and connect to
- ✓ ERP and WMS
- ✓ Usage can be monitored



Shelving, the sensible answer

The Dexion HI280 range is a modular system which can be designed and constructed to exactly meet the challenges faced by a hand picking operation. Ranging from single tier solution to mobile and multi-tier option the E-Commerce customer can create a structure that can be easily adjusted to reflect the extensive but ever changing stock profile of an on-line retailer.



Pallet Racking for heavier loads

Pallet racking is the traditional method of warehouse storage but the design can significantly alter how your stock is picked, the ease of access and stock rotation methods.

E-commerce customers can often have a number of different solutions within a single warehouse to reflect the different picking and storage requirements.



Ideal solutions for E-Commerce:

- ✓ Wide Aisle Pallet Racking
- ✓ Drive-In or Pallet Shuttle for bulk storage
- ✓ Cantilever Racking for longer goods
- ✓ Mobile Pallet Racking for dense storage, able to operate down to -25C
- ✓ Carton Flow or Pallet Flow

 More information see:
www.dexion.co.uk/eCommerce

References

The Dexion solution for SCHUH, UK

HI280 multi-tier shelving system

Since opening its first Schuh store in Edinburgh in 1981, Schuh now have 100 stores and a successful online presence in the UK and across Europe with a huge fan base on Facebook and Twitter. Over the years they have also won a number of awards; more recently in 2014 they won the **Micros Grand Prix Golden Chariot Award** for Delivery Excellence.

It was this wanting to preserve their customer's satisfaction with their delivery service, that led to Schuh's investment in a southern distribution centre.

The solution:

- Two Tier HI280 shelving system
- Open grid walkways and staircases
- A total of 415 bays of shelving
- Separate storage areas for shop and distribution centre
- Overall height of 6000mm
- Bay widths of 900mm & 1000mm all 300mm deep
- Approx. 4,300 linear metres of shelving



The Dexion solution for ALTERNATE

Pallet racking P90 | Steel construction | Interior finishing

The ALTERNATE Computerversand GmbH is the leading German online provider of hardware, software and consumer electronics. Residential and business customers throughout Europe order by phone or via a country-specific ALTERNATE webshop and are usually supplied within the next business day. All 25,000 products are picked and shipped at a state of the art logistics centre in the Hessian town of Linden. ALTERNATE operates one of Europe's largest IT stores, covering 700 m². In addition, ALTERNATE maintains international stores in the Netherlands, Spain, Austria and Belgium, which are also supplied via the central warehouse at Linden.

They asked for help in creating a storage solution that reflected their business demands.

High bay pallet system P90:

- Height: 10 m
- Pallet spaces: 10,000
- Field width: 3,600/1,800 mm
- Pallet weight: 500 kg
- Field load: 8,000/6,000 kg

Two storey steel platform:

- Height: 14 m
- Levels: 3
- Total area: 975 m² (325 m² per level)
- Integrated service lift (up to 100 kg)

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