

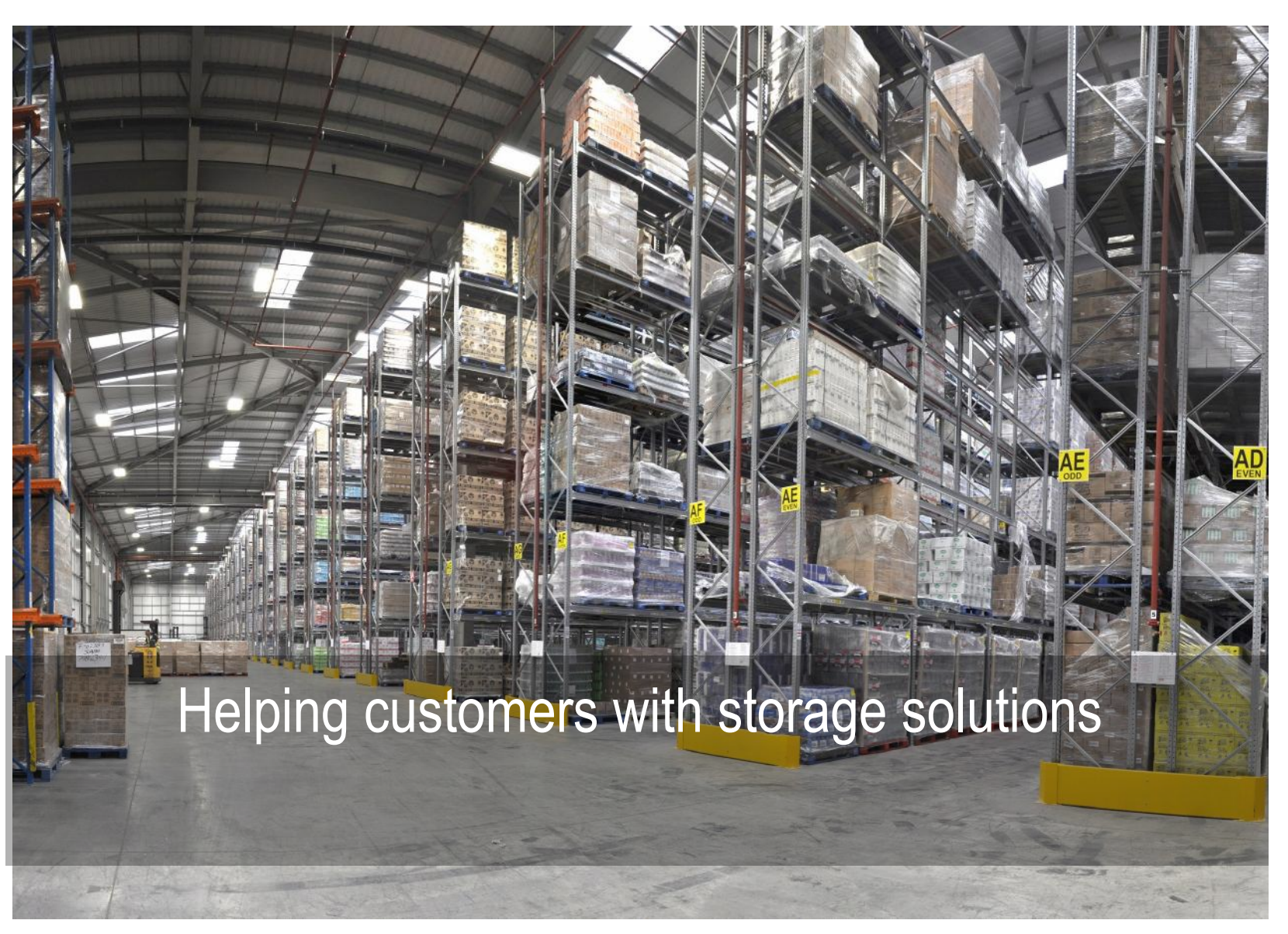
A Member of the Constructor Group



# Intelligent warehouse solutions

The next generation of storage systems





Helping customers with storage solutions

## **Adjustable storage equipment was a Dexion invention**

For over 60 years Dexion has been setting standards in adjustable storage equipment since it designed the first perforated steel profile, Slotted Angle. To this day we continue to develop products with our customers' needs in mind, manufacturing and supplying storage equipment right across Europe.

### **Dexion - About Us**

Dexion specialise in efficient warehouse storage solutions, based on many years of experience. By using technology and constantly exchanging information with our Customers, we are able to make continuous improvements to our products both technically and conceptually.

Dexion has access to a wide selection of high quality storage systems all manufactured in Europe.

### **Constructor Group**

Dexion is part of Constructor Group, a leading European manufacturer and provider of high quality storage equipment. The group offers a wide range of storage solutions to a number of environments which include warehouses, document storage, distribution centres, archive and office storage, museums, libraries, medical institutions and many more.

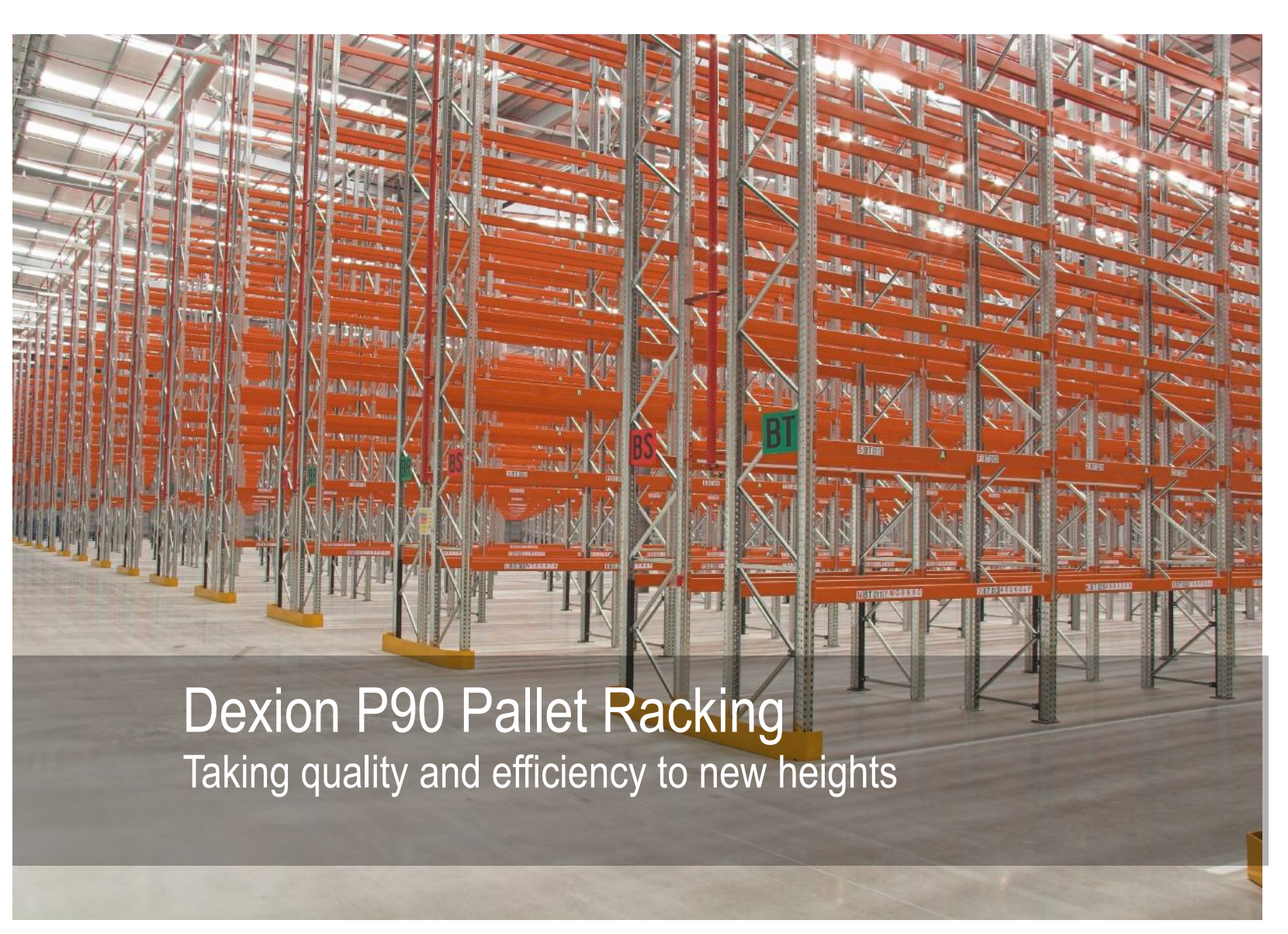
Constructor Group AS has a strong local presence in each country and operates under the brands Constructor, Bruynzeel, Kasten, Dexion and PSS.

### **Our Vision**

We focus on the needs of our customers and take a partnership approach to developing the trust and understanding that form the basis of the long-term relationships we create.

We regard our customers as the most important element in helping us to develop better products and solutions. By delivering value added solutions, and by always going the extra mile, we strive to exceed customer expectations, whatever they may be.

Our aim is to engineer solutions today, to meet the problems of the future.



# Dexion P90 Pallet Racking

Taking quality and efficiency to new heights

## Pallet Racking

Just as Dexion's breadth and depth of storage expertise is unrivalled, so is Dexion's product range. Where other companies might provide a solution that's almost ideal for you, Dexion don't need to compromise. Somewhere in the huge Dexion product range there's the storage system that's exactly right for you.

### Pallet Racking—Painted Beams

Dexion Pallet racking comes as standard with galvanised uprights (frames in heights up to 30 metres), and with the beams painted standard finish RAL 2001.

The beams are available with a cross section of either boxed or open and in a variety of standard lengths up to 4,500mm.

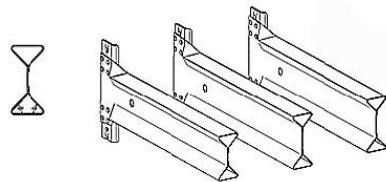
Bay loads of up to 30 metric tonnes are possible with individual beam loads of up to 5 tonnes.

(As an alternative, beams can also be offered in a pre-galvanised finish.)

### Pallet Racking—Silverline

The P90 Silverline pallet racking system takes a whole new and innovative approach to pallet racking beam design.

The new 'I' beam profile offers an environmentally friendly production method, enhanced label visibility and increased warehouse safety. While at the same time delivering the high quality, outstanding performance and efficiency the world has come to expect from all Dexion products.



### Drive-in Racking

Dexion drive-in pallet racking can make your warehouse storage space up to 90% more efficient than conventional racking.

Drive-in racking eliminates the need for loading and picking aisles. The lift truck positions pallets on front-to-back rails, allowing rows to be stacked next to each other. Dexion drive-in racking provides a safe and efficient equivalent to block stacking loads which are too fragile for stacking on top of each other.

### **Pallet Racking and its uses**

Well planned storage can mean an increase in space utilisation by as much as 100%. Storage that's designed with a clear understanding of the way items are moved and used can save time and speed up processes by a significant degree. Dexion understand these issues and can assess your requirements suggesting the best system and layout for you.

#### **Narrow Aisle Racking**

Narrow Aisle Racking makes optimum use of available floor area, storage space and warehouse height (up to 12m), while still permitting individual access to each and every pallet. It combines the speed of throughput and access to individual pallets of Adjustable Pallet Racking systems, but an increased use of the space available.

Specialist fork lift trucks are required for operating in Narrow Aisles.

#### **Live Pallet Flow Racking**

Roller conveyor racking provides ultra-high density storage for palletised loads, ensuring first-in, first-out (FIFO) stock rotation. Pallets are loaded at the upper end of sloping lanes, and move under the force of gravity when a pallet is taken from the picking face. A block of pallet flow racking requires only two gangways: at the loading and picking faces. Fast cycle times and high occupancy rates can be achieved.

#### **Push Back Racking**

High-density live storage is provided by Push Back Racking, where quick and easy access to loads is required. Pallets are loaded into the system from the front, each pallet behind being pushed back further into the rack by the new pallet. Storage two, three or even four pallets deep is possible. Pallets are loaded and unloaded from the same aisle face, reducing truck travel distances, and cutting cycle times. Also known as Last in First Out (LIFO).



### Drive-in Racking

Dexion drive-in pallet racking can make your warehouse storage space up to 90% more efficient than conventional racking.

Drive-in racking eliminates the need for loading and picking aisles. Pallets are positioned on front-to-back rails, allowing rows to be stacked next to each other. This provides a safe and efficient equivalent to block stacking loads otherwise too fragile for stacking.

### Mobile Powered Racking - MOVO

With Dexion mobile racking, individually controlled, powered, mobile racks run on precision-laid steel rails. When a pallet is required, the appropriate aisle is opened up by operating the electrically driven bases. Only one aisle is required to service any number of racks, and space utilisation increases dramatically.

Costs for new buildings can be reduced, because less storage space is required for a given number of pallets.

### Satellite System

Using a satellite storage system it is possible to automate the storage of goods in high density lanes, allowing the maximum use of a warehouse space. It provides the benefits of capacity provided by drive-in racking without the need for specialised trucks or for operators to enter the racking.

The satellite system works in both FIFO (First In First Out) and FILO (First In Last Out) systems.





## Shelving - Short span (Hi280) and Longspan

Whether you need a simple run of tough steel shelving, a complex mezzanine storage area or something in between, you'll find it in the Dexion range. If your looking for a single tier shelf store or a multi-tier storage installation - we can develop a customised solution just for you, precisely fitting the design into your new or existing space.

### Easy Construction

Hi280 Industrial Shelving builds with virtually no nuts, bolts or clips. Everything slots together quickly and easily, making a truly rigid structure in minutes.

Each of the wide range of metal components and accessories has been designed, together, from a clean sheet. Everything fits. Everything works. Everything can be changed, to meet your changing needs.

And it's future-proofed: you'll always be able to expand your system with matching components.

### Small Parts Storage

The wide range of Hi280 accessories allows you to tailor your storage installation to fit your needs exactly. You'll be able to store, segregate, identify and retrieve an infinite range of small and medium sized items in any quantity.

Protect your goods from damage and, with a choice of security options, it'll protect your goods from 'stock shrinkage', too.

### Materials

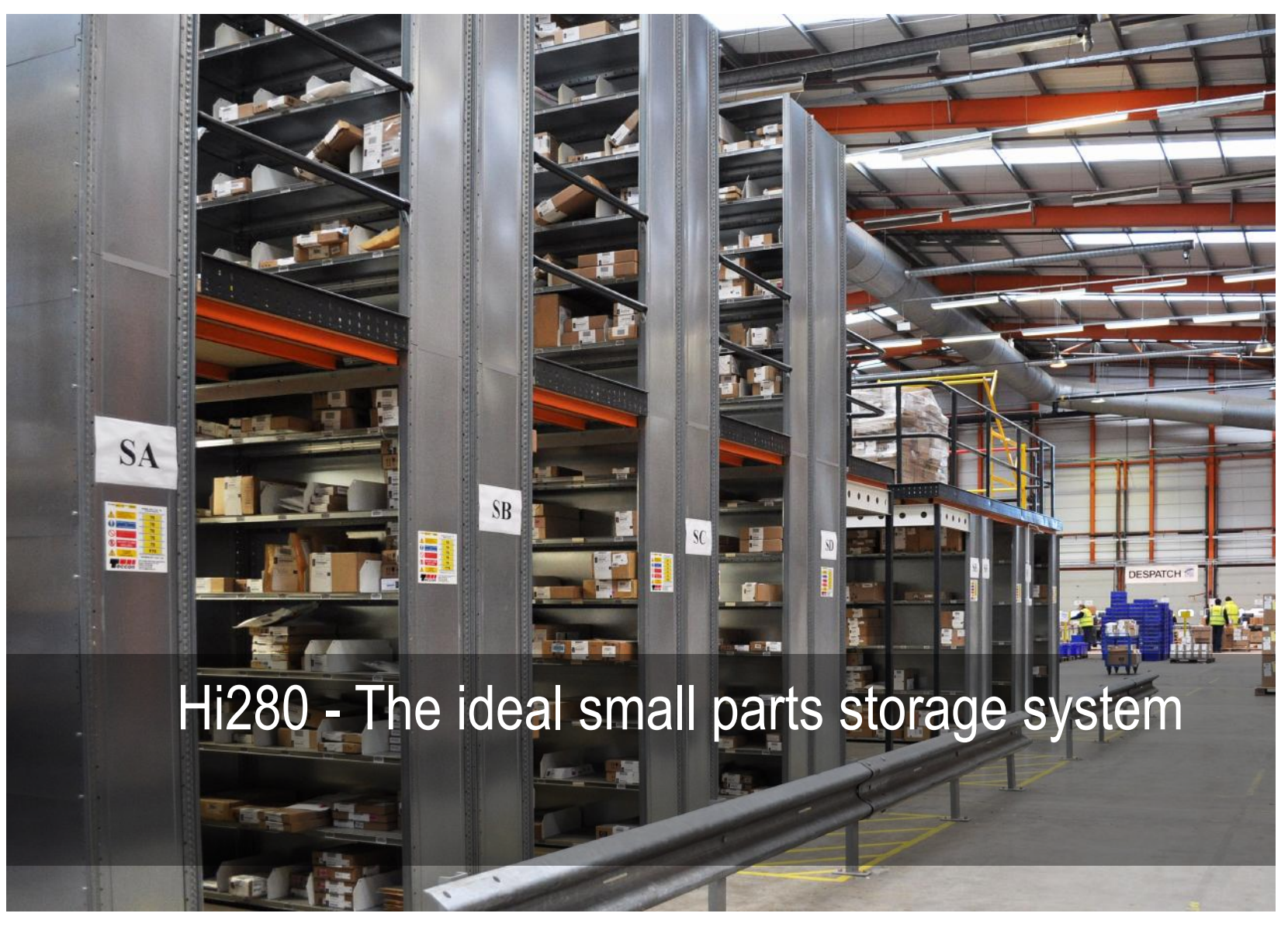
Made from pre-galvanised steel, it's durable, smart-looking and can be easily earthed to avoid electrostatic problems.

### Longspan Shelving

Ideal for archives and storage of heavy items, Dexion's Longspan shelving is the perfect solution no matter what you need to store.

It's fast and easy to assemble, and uses a modular design with a bolt-free lock-in system requiring no special tools, giving you maximum storage in minutes whatever your available space.





Hi280 - The ideal small parts storage system



## **C-WIS, Warehouse Intelligence System**

Dexion understand that running a warehouse is more than just buying the right storage equipment. Whilst it may not feel like it at the time, deciding the right layout, storage product or material handling equipment will never match the day-to-day challenges or costs associated with running a warehouse successfully.

C-WIS can:

- Review the layout of your warehouse and allow you to see it working, before you decide on a storage system
- Identify the optimum picking locations for your products, based on usage and other factors
- Analyse and improve your stock profile, freeing up your working capital by up to 20%
- Review staffing and equipment levels and predict what would happen if you changed something
- Provide a 3D running simulation of your warehouse based on real data to identify bottle necks
- Monitor performance without the need for excessive number crunching or analytical resource

### **Warehouse Improvements**

A warehouse management or ERP system that includes inventory management will never be able to sustain 100% efficiency levels, there will always be a need to continuously improve and maintain the effectiveness of the warehouse.

C-WIS has been specifically designed to allow Warehousing, Logistics and Distribution Companies

to improve their business performance by continuously monitoring and optimising their warehouse activity, including layout, workflows, product flows, stock levels and staffing. The software features some very clever 3D simulations once a company's real data is fed into the system.

C-WIS is an enhancement programme, which in collaboration with an existing WMS or ERP system can help companies to drive down costs, optimise processes, improve service levels and save time

A 3D perspective rendering of a large warehouse interior. The main area is filled with tall, red metal shelving units arranged in a grid. Each unit is densely packed with white, rectangular boxes. A blue forklift is visible in the lower-left foreground, and another smaller forklift is in the center. The floor is grey with yellow and blue markings. The walls are blue. The overall scene is brightly lit, suggesting a clean, organized industrial environment.

Helping customers with storage solutions  
Intelligent warehouse software



Murdock Road, Dorcan  
Swindon SN3 5HY  
Tel. +44(0)870 224 0220  
Fax. +44(0)870 224 0221  
[www.dexion.co.uk](http://www.dexion.co.uk)

