



more products
more solutions

P90 PALLET RACKING SYSTEM

The versatile solution for static and dynamic pallet storage



Storage solutions since 1947

more **expertise**



Successfully completing the Achilles programme and achieving the accreditation reiterates our dedication to providing quality products, services, compliance and commitment to our customers increasing demands regarding health and safety, environmental and corporate governance.



We are the largest distributor of Dexion in the UK. Our planning and installation teams are recognised as experts in the industry.



"HIGHLY COMMENDED"
QUALITY ASSURANCE SCHEME AUDIT 2014

As a SEMA distributor company we work to the latest industry standards and codes of practice. We are one of a handful of companies in the UK able to offer independent SEMA approved pallet rack inspections.



Prince's Trust

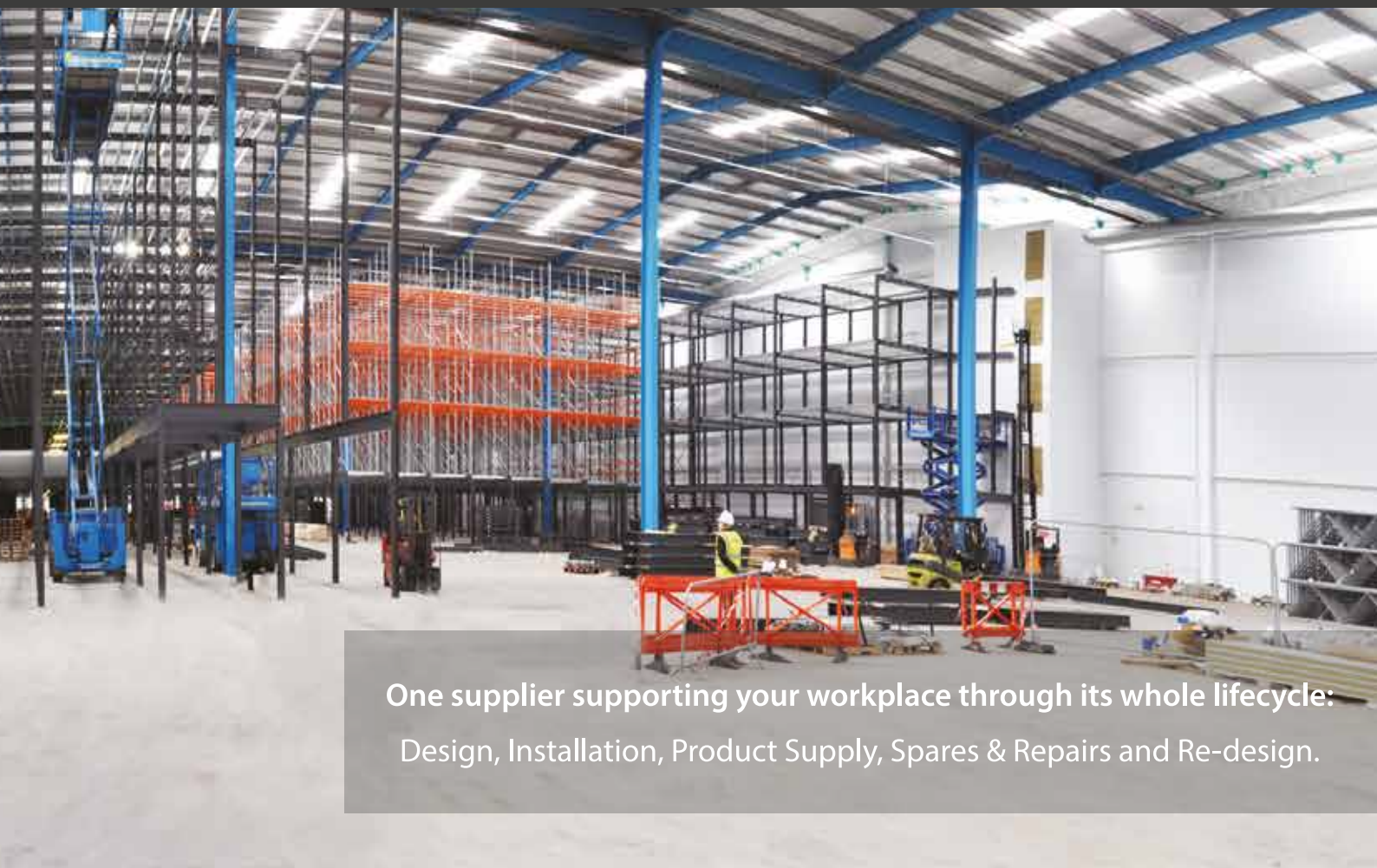
At CSI we are proud to support The Prince's Trust in their great efforts to support young people into work and training. To help raise funds we donate £1 for every order placed on our website.



As a BSI member we have achieved ISO9001 for over 10 Years.



csigroup.info



One supplier supporting your workplace through its whole lifecycle:
Design, Installation, Product Supply, Spares & Repairs and Re-design.

CSI is the workplace product and solutions provider that gives you more.

*We offer our customers **more for** their workplace so they can get **more from** their workplace.*


CSI has been built on the 35 year reputation of trading as ESE, one of the largest industrial storage companies in the UK. Our e-commerce division has transformed our brand into a “more” company for industrial and commercial products and solutions.

We offer a supportive working dynamic - Whatever it is that you are in the business to do, we're in business to help you do it.

more for you

- » The best products and solutions at the best prices.
- » Delivering efficiency, safety and return on investment.
- » 15,000 Products online designed for the industrial and commercial workplace.
- » Combined expertise and experience of our solutions and products teams.
- » Customer service, before, during and after sales.
- » Help to unlock, realise and release the potential within your workplace.

there's more to every workplace



U-28-B
U-28-C

P90 Pallet Racking System

Taking quality and efficiency to new heights

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P90 Pallet Racking

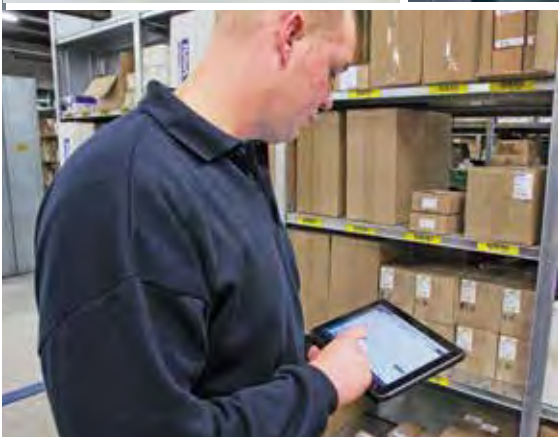
Storage solutions the Dexion way

Dexion has been providing storage solutions since 1947 and during this time we have gathered a vast amount of knowledge that we share every day with our customers, big or small. Our reputation as a provider of quality storage products is well earned and our team offer a comprehensive range of services to a network of customers across Europe.

Pallet racking is one of our key products and our sales experts provide easy to understand advice to navigate customers through the warehouse design process, making sure each installation is tailored to their needs.

The Dexion team at CSI

- | | |
|------------------------------|----------------------------------|
| ✓ Dedicated technical sales | ✓ Experienced Installation Teams |
| ✓ Technical design experts | ✓ Telesales support |
| ✓ Logistics analysts | ✓ Rack Inspectors |
| ✓ Efficient Project Managers | ✓ Service Engineers |



P90 Pallet Racking System

We manufacture an extensive range of components that can be configured to create your tailored solution.

Pallet racking is manufactured from steel, which can be a costly commodity. Having an extensive range of products to choose from, means that we can achieve the loading capacity

you require, with a pallet racking structure that suits your operation, in a cost effective way.

From classic wide aisle racking to mobile pallet racking, to pallet shuttle, our range can be configured to achieve an optimum solution.

With 16 different upright variations that can be manufactured in a variety of lengths, we can achieve structures exceeding 30 metres, with an optimized steel content.

While our standard beam range has 16 standard lengths with the option to manufacture bespoke sizes to meet individual needs.



P90 PALLET RACKING

- 16 upright sizes in a range of lengths
- Structures can be created in excess of 30 metres high
- 16 beam lengths with 30 different section sizes available
- Galvanised steel
- Also available with a painted finish
- Suitable for all pallets types including euro, CHEP, disposable etc.
- Bespoke items can be manufactured to suit

Quality Assured


Our products meet all relevant design codes including FEM, EN and SEMA. Our highly trained technical engineers ensure all storage solutions meet the required legislation and exceed our own internal standards.



Solutions for every situation

Storing goods on pallets is the most common method to manage warehouse stock. Pallet racking is the most effective method of storing pallets, but understanding what type of structure is needed can sometimes be confusing. Here are some of the most common methods of pallet racking storage.

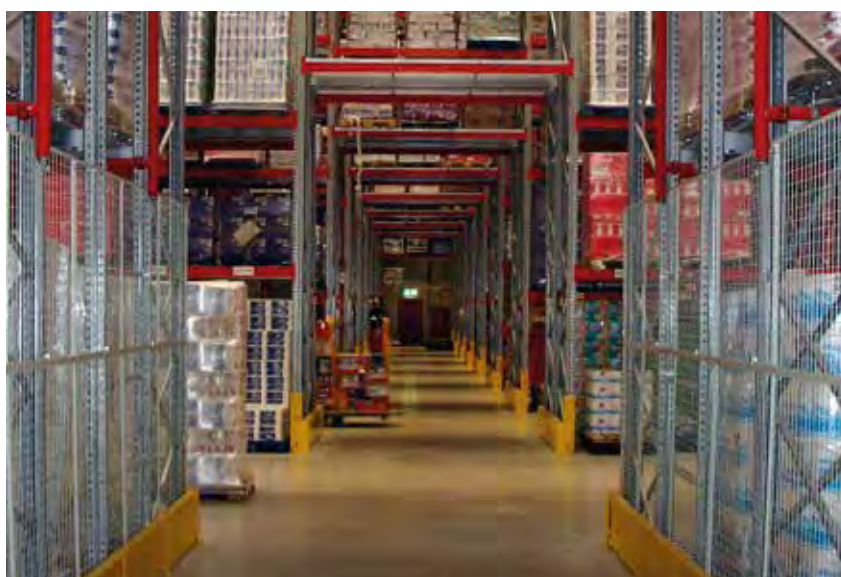
	High floor utilisation	High volume utilisation	Easy to adjust and adapt	Good for individual pallet access	Good for handling mixed articles
Standard Aisle Pallet Racking			✓	✓	✓
Narrow Aisle			✓	✓	✓
Drive-In	✓	✓			
Pallet Shuttle System	✓	✓			
Pallet Flow	✓	✓			
Push-Back	✓	✓			✓
Mobile Pallet Racking	✓	✓	✓	✓	✓


 More information see: www.dexionstore.co.uk

Wide Aisle Pallet Racking - the classic solution

Wide Aisle Pallet Racking is the most common system for storing pallets and it is very adaptable when it comes to lay out, goods type or handling equipment.

- Suitable for varying pallet sizes
- Full access to all pallets
- Meets FIFO requirements
- Suitable for different fork lift truck types
- Ideal for varying number of articles and volumes
- Suitable for pallet handling and picking at floor level



 More information see: www.dexionstore.co.uk

Narrow Aisle and High Bay Racking

-for faster order picking

Narrow aisle and high bay racking combines most of the advantages of Wide Aisle Pallet Racking, but with better floor utilisation by reducing the aisle width or increasing the height.

- Suitable for various pallet sizes
- Full access to all pallets
- Meets FIFO requirements
- For varying number of articles and volumes
- Used in conjunction with special, Very Narrow Aisle (VNA) trucks
- Pallet handling and picking on all levels with combination truck



More information see: www.dexionstore.co.uk

Drive-In Racking

- compact storage solution

Drive-In Racking is the perfect solution for high density storage of large quantities of similar goods, ideal for and often used in a cold store environment. It allows a truck to enter into the racking to retrieve the pallet.

- High floor space utilisation
- Suitable for large quantities of few articles
- Meets FILO requirements
- Can be operated with a reach truck and / or counterbalanced forklift
- Ideal for bulk storage



More information see: www.dexionstore.co.uk

Pallet Shuttle System

- cost effective automation

Pallet Shuttle System combines the advantages of Drive-In Racking with a semi automated platform which manages the movements of pallets, offering better flexibility and faster handling.

- High floor space utilisation
- Pallets automatically removed and retrieved to pick face
- Meets both LIFO and FIFO requirements
- Best suited for uniform articles
- No need for specialist trucks to enter the lanes



More information see: www.dexionstore.co.uk

Pallet Flow Racking

- controlled roller movement

Pallet Flow is a compact storage system where pallets are transferred automatically from the entrance to the exit of the racking and offers improved internal logistics as well as high density storage.

- High density storage
- Meets FIFO requirements
- For uniform articles and pallets
- Can be operated with a reach truck and / or counterbalanced forklift
- Requires good quality pallets or cartons



More information see: www.dexionstore.co.uk

Push-back Racking

- gravity ensures access



Push-back racking is a high density application with up to 6 pallets in depth where pallets are picked and delivered at the front of the racking. Gravity brings the next pallet, to be picked, to the front of the racking.

- High density storage
- Meets LIFO requirements
- Either short-side or a long side handling of pallets.
- Loading and unloading on the same side
- Can be operated with a reach truck and / or counterbalanced forklift



More information see: www.dexionstore.co.uk

Mobile Pallet Racking - MOV0

- electronic aisle movement



Mobile pallet racking is a remote controlled application, where pallet racking, mounted on mobile bases, moves along rails set into the floor to create a picking aisle. This provides better floor utilisation and saves space.

- High density storage
- Full access to all pallets
- Can be designed for varying sizes of pallets
- Requires only one truck aisle
- Meets FIFO requirements
- Suitable for cold stores
- Integration with WMS



More information see: www.dexionstore.co.uk

Carton Flow

- efficient and ergonomic low level picking

Carton Flow allows efficient picking of small goods on lower levels in a pallet racking system.

A picking station is constructed of a rack fitted with sloping roller tracks used to transport the components, loading on one side and unloading on the opposite.

- Efficient order picking
- Supports carton and plastic bins
- Meets FIFO requirements
- For uniform containers



More information see: www.dexionstore.co.uk

Multi-tier

- utilising the full height of your warehouse

Multi-tier pallet racking provides the ability to build walkways within the various levels of pallet racking, creating manual pick lanes at height. This type of structure can be more economical and a better utilisation of space than with some mezzanine floor arrangements. Ideal for cartons, boxes and garment storage.

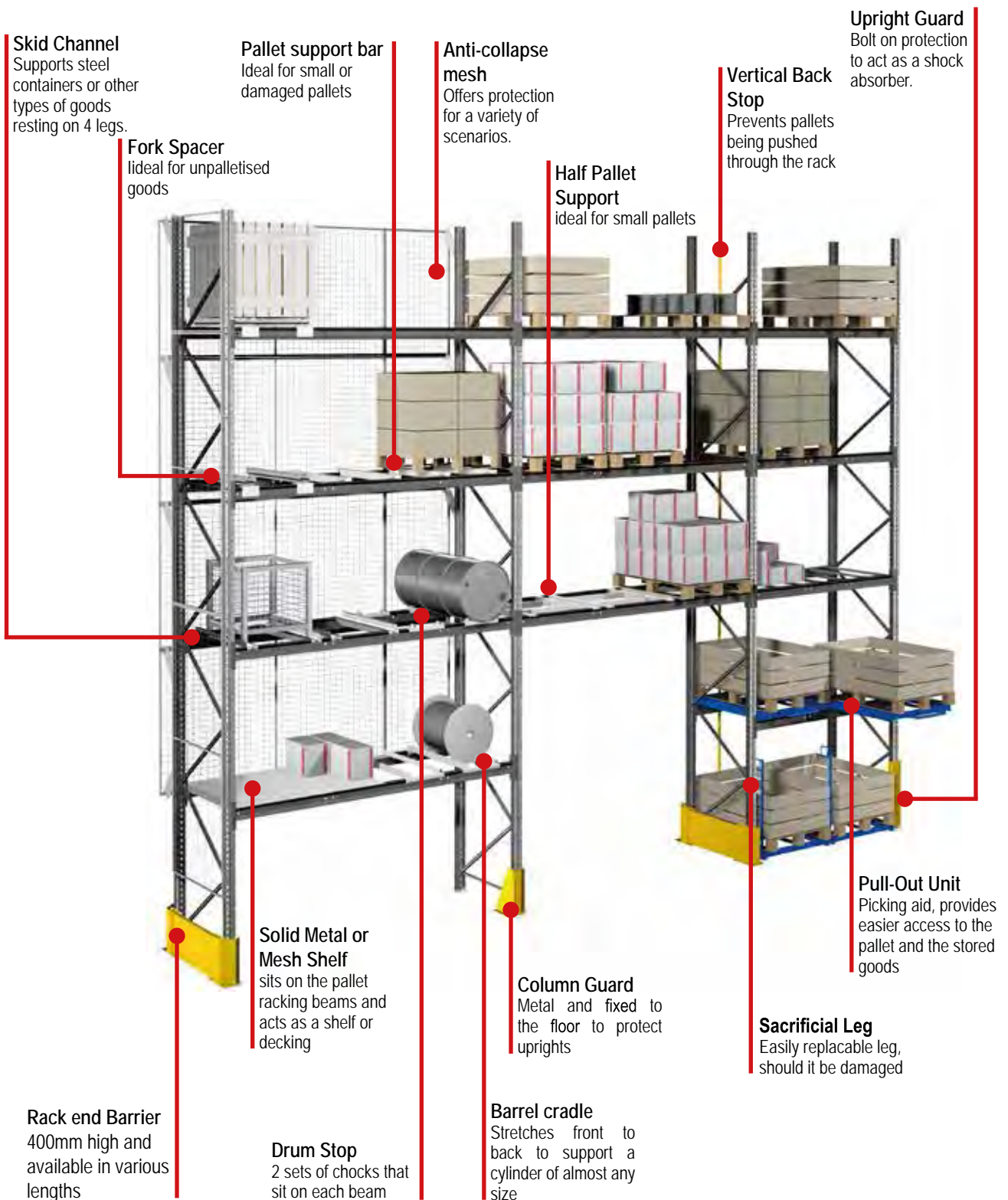
- Utilises the full height of the building
- Optimises your floor space
- Allows order picking on multiple levels
- Can combine pallet storage and small goods storage
- Supports FIFO and LIFO



More information see: www.dexionstore.co.uk

Accessories

With the right accessories you can adapt every pallet racking system perfectly to fit your particular needs. Below is a selection of the accessories we offer.



More information see: www.dexionstore.co.uk

Pallet Shuttle Storage System



Shelving - HI280



Storage Machines - Tornado



Mobile Pallet Racking - MOV0



Cantilever



Rack Inspection



pallet rack inspections

Regular rack inspections help to minimise the number and severity of warehouse accidents. Our rack inspectors offer a comprehensive, convenient and cost effective way to keep your warehouse safe and compliant with Health & Safety regulations.

Over the year, moving goods, modifying the configuration and general knocks through daily use can cause changes in the capacity of your racking and potentially lead to accidents - a risk to both man and material.

Qualified Inspectors can spot these changes early and help eliminate and reduce future costs.

Our SEMA Approved Rack Inspectors carry out comprehensive annual inspections. Providing you with detailed reports offering professional advice and highlighting areas that require attention, immediately or in the near future, through an easy to understand traffic light scoring system.

Inspections comply with all government legislation and industry guidelines.



Our rack inspectors are **SEMA**
(Storage Equipment Manufacturers Association)
approved and hold the **SARI** certificate



- » Comprehensive professional inspection by SEMA Approved Rack Inspectors (SARI)
- » Experienced Inspectors certified to SEMA standards
- » Independent expert to assess your equipment
- » Detailed inspection report
- » No interruption to operations
- » Early risk discovery minimises future repair costs
- » Prevention of damage to people or goods
- » Extending lifespan of facilities

To arrange an inspection
CALL US NOW ON 01506 413 313
or visit us at **csigroup.info/racksafety**



Annual Inspections

No need to remember when your next inspection is due, our rack inspection team will contact you to remind you when you next need an inspection carried out.

**DAMAGED UPRIGHTS PROVIDE
HAZARDOUS CONDITIONS**

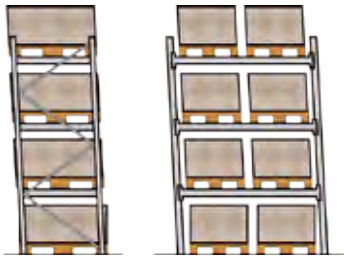


**FAILURE TO INSPECT CAN LEAD TO A
RACK COLLAPSE**



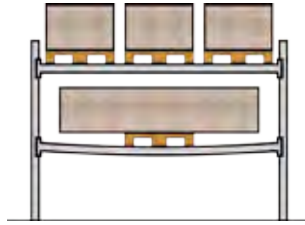
**RACKS AT ALL HEIGHTS
NEED TO BE INSPECTED**





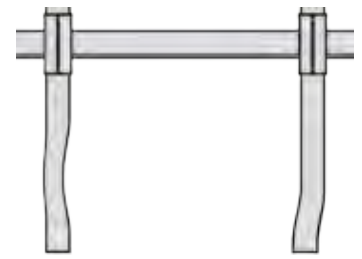
INCLINATION

Maximum inclinations for both empty and fully loaded racks should not be exceeded.



LOAD WEIGHT & PLACEMENT

The weight of the load must not exceed max weight capacity or be misplaced.



DEFORMATION

Even slightly bent beams and uprights can be a sign of potential danger. Beams and uprights must always be replaced.

We are a **SEMA DISTRIBUTOR COMPANY** and were delighted to be awarded the *Highly Commended status* in our latest audit.

"The SEMA Distributor Company (SDC) qualification indicates that the company is dedicated to the supply of quality storage equipment. To become part of the SEMA Distributor Group (SDG) the company must demonstrate a high level of commitment to safety standards, work to industry codes of practice and be regulated by a random audit"



"HIGHLY COMMENDED"

QUALITY ASSURANCE SCHEME AUDIT 2014

Legislation

Maintaining rack safety is not simply an important warehouse practice: it is a legal obligation.

Under the **Workplace (Health, Safety and Welfare) Regulations of 1992** and the **Provision and Use of Work Equipment Regulations (PUWER) of 1998**, employers are legally required to inspect their work equipment, including all pallet racking.

This means that any business with even as little as one bay of racking is required to carry out regular SEMA-approved examinations.

Racking should be inspected on a regular basis and should be carried out in accordance with SEMA Guidelines No.6 - Guide to the Conduct of Pallet Racking and Shelving Surveys.

The frequency of inspections depends on a wide variety of factors that are particular to the site, however the first inspection should be carried out within 6 months of the installation becoming operational and thereafter at a maximum of 12-month intervals. Records of these inspections must be maintained.

LEGISLATION

HEALTH & SAFETY AT WORK ACT 1974

- » **Section 2:** Duties of the Employer
- » **Section 7 & 8:** Duties of Employees

MANAGEMENT OF HEALTH & SAFETY AT WORK REGULATIONS 1999

- » **Regulation 3:** Risk Assessment
- » **Regulation 11:** Capabilities and Training

PROVISION AND USE OF WORK EQUIPMENT REGULATIONS 1998 (PUWER)

- » **Regulation 5:** Maintenance
- » **Regulation 6:** Inspection
- » **Regulation 22:** Maintenance Operations

there's more to every workplace

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ways to order

