



more products  
more solutions

# AUTOMOTIVE MANUFACTURING

Space Optimisation, Solution Orientated Storage, Efficient Picking



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.

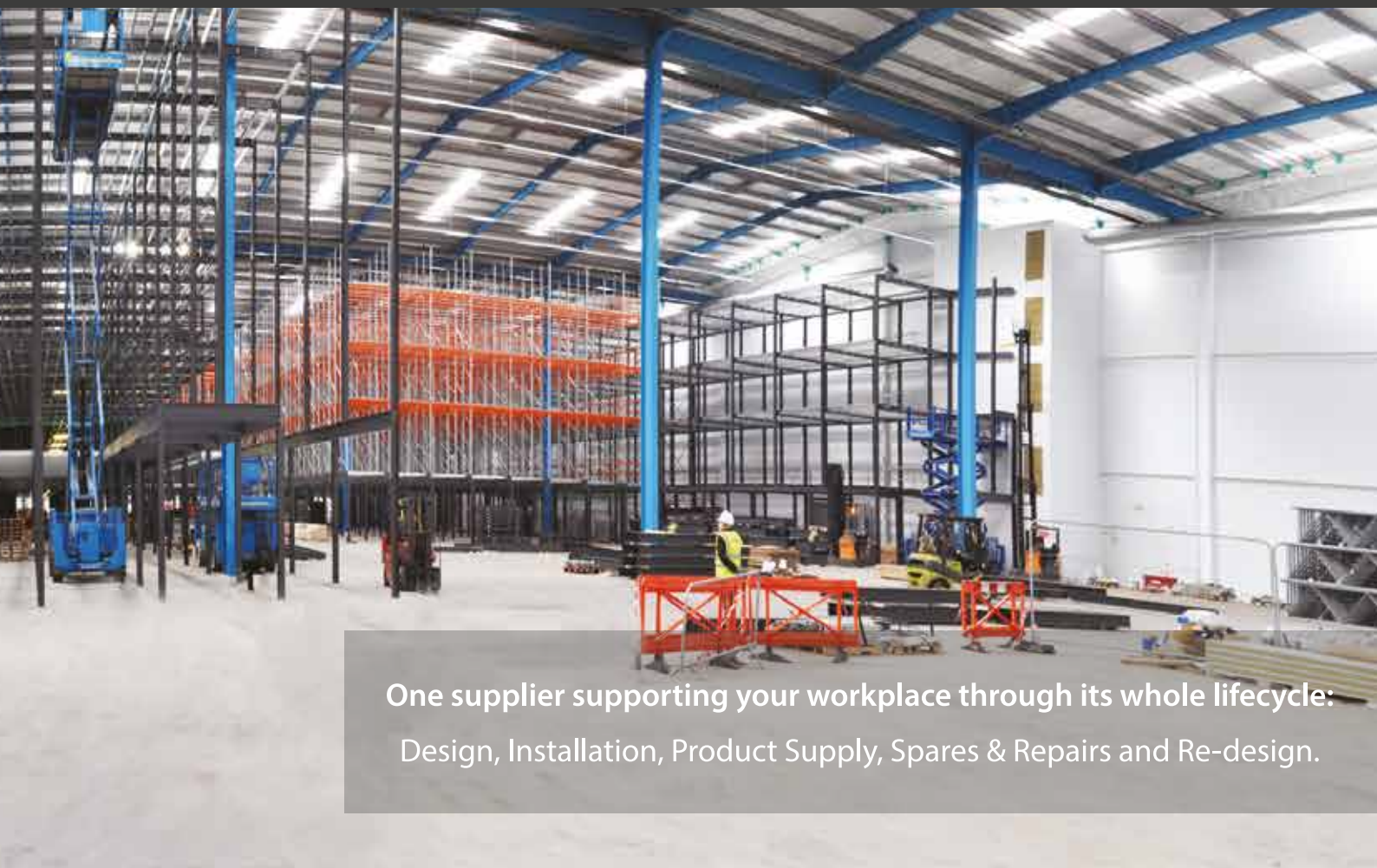


As a BSI member we have achieved ISO9001 for over 10 Years.



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**

# Storage solutions for Automotive Manufacturers

The challenges faced by Automotive Manufacturers requires optimum storage solutions that guarantee speed, flexibility and security of component supply. Some of the key issues faced are:

- ✓ Organising extensive variety of component stock holding
- ✓ Easy access to goods to enable 'Just in Time' deliveries to the production line
- ✓ Minimising cash tied up in stock, whilst ensuring zero stoppage to the production line, caused by the lack of component supply
- ✓ Optimised storage with good accessibility, maximising all available space in the relevant locations
- ✓ Manage and store constant incoming shipments and deliveries to and from suppliers

## Tailor made shelving solutions

Our shelving range has a number of possibilities which can be tailored to meet even the most unusual storage requirements. Equipped with our specially designed Automotive accessories we are able to meet the daily challenges faced by Automotive Manufacturers and component suppliers.

The option to combine shelving with a mezzanine floor or offer a multi-tier solution can maximise the height of your storage area. Small parts or odd shaped and bulky items like exhaust pipes are challenges we solve for the Automotive industry on a regular basis.



Toyota Belgium needed to extend their storage capacity of small parts, converting their single level storage solution to a multi-tier installation. This allowed them to accommodate bulky and lighter parts.

Toyota Spain had issues with the storage of their bumpers. These bulky items were difficult to store effectively. Specially designed Longspan shelving was installed and now their bumpers are secure.



More information see:  
<http://www.dexionstore.co.uk>

## Increase storage capacity with mobile pallet racking

Mobile pallet racking, MOVO, can increase storage capacity considerably. P90 Pallet Racking is mounted on mobile bases that electronically move to create an access aisle for picking. By removing unnecessary aisles this enables you to store more products on a smaller footprint.

Evobus required a dense storage solution that would allow them to increase the speed of their daily picking operation of up to 8,000 picks per day.

Mobile pallet racking was installed as part of an overall solution allowing them to achieve their picking target.



### Benefits

- ✓ **Maximum use of floor space**
- ✓ **100% access to individual pallets**
- ✓ **Modular design offers greater flexibility**
- ✓ **High density storage**
- ✓ **For varying sizes of pallets**
- ✓ **Requires only one truck aisle**



More information see:  
<http://www.dexionstore.co.uk>



## Pallet storage for heavier items

Pallet racking is an optimal storage solution which can be designed to maximise the height, width and depth of a storage area. Suitable for storing heavy or bulky items that require the usage of a fork lift for picking. Central warehouses or larger warehouses benefit from this type of storage solution, which accommodates bulky storage of spare parts or car components.

Our range of Automotive accessories enables the storage of items that can be difficult to accommodate on a standard pallet, due to their size e.g. windscreens, exhaust pipes or engines.



The new central warehouse of Volkswagen contains 100,000 spare parts across the VW range. Pallet racking with 12,300 pallet places guaranteed full accessibility and safe storage of all items.

- ✓ Full accessibility to all items at any time
- ✓ Standard solutions can be customised with specially designed accessories
- ✓ Storage for awkward or odd shaped components



More information see:  
<http://www.dexionstore.co.uk>

## Machine storage for Automotive components

A storage machine offers a modern approach for picking and storing of all sizes of Automotive 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



## 21st century approach to warehouse logistics

Constructor Logistics provide a fresh approach to warehouse optimisation through 3D simulation.

To determine the benefits of different warehouse solutions, our experienced consultants will analyse and simulate the performance of your warehouse operation through our bespoke 3D

simulation software package. This will allow you to understand the advantages or disadvantages before you make any costly investment.

In addition to this, the team can also help you to achieve optimum stocking levels within your storage solution.

We can offer assistance with:

- ✓ Optimal design of your existing or new warehouse
- ✓ Increasing your material handling efficiency
- ✓ Optimising your stock level



Cut operational costs by 20%



Reduce stock level by up to 20%



3D model visualisation

# 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](http://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**



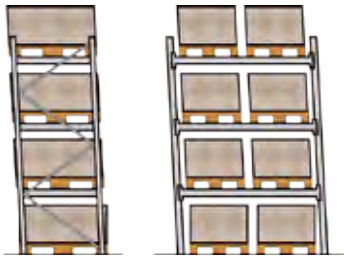
**FAILURE TO INSPECT CAN LEAD TO A  
RACK COLLAPSE**



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

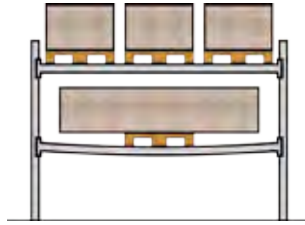






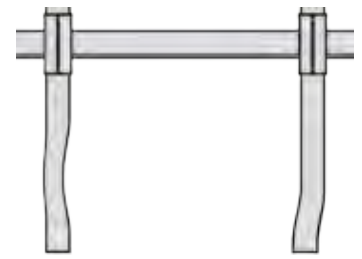
#### INCLINATION

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**

