

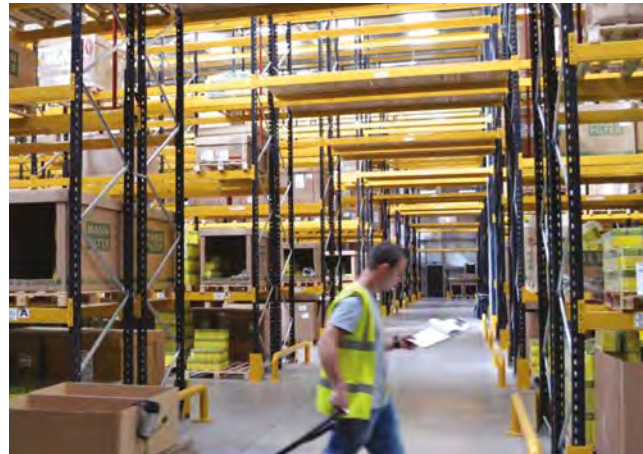


Pallet Racking

Shaping Spaces,
Streamlined Solutions

Space Efficient
Pallet Storage
for business.

Finance
Packages
Available



Pallet racking

Premium Pallet Racking Solutions – Smart, Flexible, and Durable Storage for Every Business Need.

With over 35 years of expertise in storage and material handling, our pallet racking systems deliver unmatched reliability and performance. Designed for quick installation, cost-efficiency, and maximum versatility, our adjustable beam racking is the most popular solution for businesses seeking direct access to every pallet.

Choose from a wide range of frame sizes and beam capacities to create a custom configuration that meets your exact requirements for load weight, accessibility, and space optimization.

Our standard pallet racking offers safe, economical storage for diverse goods and materials. For even greater flexibility, explore our practical add-on accessories (see pages 14–15) to simplify storage and handling.

Enhance warehouse efficiency with adjustable pallet racking featuring space-saving tunnel and bridging bays. These innovative configurations improve lift truck accessibility, streamline operations, and maximize storage capacity.

Beams can be removed and repositioned* when changes in the use of the racking occur. Although our racking is adjustable, once the beams are slotted into position in the frame uprights, an inter-locking structure of great strength and rigidity is maintained.

Each beam requires a pair of steel Safety Locking Pins. When located they ensure the beam is correctly positioned and help prevent the beam being dislodged during use.

*Always check design parameters with supplier before adjusting beam positions.





Wide aisle

Wide aisle pallet racking is a practical and highly adaptable storage solution trusted across multiple industries. Designed for easy installation, cost-efficiency, and superior versatility, this system provides direct access to every pallet for streamlined inventory management and smooth warehouse operations.

One of its greatest advantages is flexibility—adjustable beams allow quick reconfiguration to accommodate changes in pallet size, weight, and type, making it ideal for businesses with evolving storage needs.

Our wide aisle racking system features a spacious design that ensures easy access for all types of forklifts and material handling equipment—eliminating the need for costly, specialized machinery. This reduces operational expenses while improving workflow efficiency, allowing for smooth and unrestricted movement of goods throughout your storage area.

Perfect for warehouses, distribution centres, and logistics hubs, wide aisle racking maximizes storage capacity without compromising accessibility, delivering a practical and scalable solution for businesses of every size.

Easily installed, cost-effective
and versatile.

Excellent use
of floor space
and maximises
the height.

Narrow aisle

Maximize Space and Efficiency

Narrow aisle pallet racking is the ultimate solution for businesses looking to optimize floor space and increase storage height. By reducing aisle width to nearly half that of conventional racking, this system allows for greater capacity without expanding your warehouse footprint.

Designed for precision and safety, narrow aisle racking works seamlessly with specialized ‘man-up’ or ‘man-down’ lift trucks, ensuring efficient load handling in tight spaces. Integrated guidance rails or wire systems guarantee accurate truck positioning, reducing accidental damage and improving operational speed and accuracy.





Drive-in pallet racking delivers a high-density storage solution that maximizes warehouse space and efficiency, ideal for businesses managing large volumes of similar goods.



Double deep

Double-deep pallet racking is an advanced solution designed to significantly increase warehouse storage capacity while maintaining accessibility. This system stores pallets two deep within the same bay, reducing aisle space and reallocating it for additional racking—helping businesses optimize every square foot without expanding their footprint.

Operating on a First-In, Last-Out (FILO) principle, double-

deep racking is ideal for high-volume inventory or goods with longer shelf life. When paired with efficient stock management, it delivers the perfect balance of high-density storage and accessibility. While specialized reach trucks are required, the benefits in space utilization and operational efficiency make this system a cost-effective choice for industries such as retail, manufacturing, and distribution.

Drive in

Drive-in pallet racking is the ideal solution for businesses seeking to maximize warehouse space and improve storage efficiency. By eliminating multiple access aisles, this system delivers high-density storage, increasing capacity by up to 80% compared to conventional racking.

Pallets are stored on robust guide rails within deep storage lanes, allowing forklifts to enter for easy loading and retrieval. Choose between single-entry 'drive-in' or double-entry 'drive-through' configurations for better stock rotation.

With heights of up to 11 meters, this system optimizes both floor area and vertical space—providing exceptional cubic storage without the need for specialized handling equipment.

Maximize Space, Improve Organization, and Boost Warehouse Efficiency.



Carton live storage

Carton Live Storage (also known as flow racking) is a high efficiency picking solution designed to speed up order fulfilment and improve stock accuracy. Operating on the same proven principles as pallet live storage, it's ideal for hand loaded items that require fast, reliable access at the picking face.

By automatically feeding products forward, carton live systems significantly reduce picking times, minimise errors, and ensure that stock levels and throughput remain easy to monitor and control. Each installation is fully tailored for performance—from the incline of the roller trays to the size, spacing, and load capacity of the rollers and support frames, ensuring smooth item flow based on the specific weight and dimensions of your goods.

Perfect for warehouses, e commerce operations, production areas, and fast moving consumer environments, carton live storage maximises space, boosts productivity, and keeps your picking operations running efficiently

Push back racking

Push Back Racking is one of the most efficient high density pallet storage systems available, designed to maximise both floor space and cubic capacity. Pallets are loaded in sequence onto durable wheeled carts or rollers and automatically move back along inclined beds, allowing multiple pallets to be stored within a single lane.

This dynamic system can accommodate up to 4 pallets deep on carts or up to around 10 pallets on rollers, ensuring exceptional storage density while maintaining smooth product flow toward the picking face. When a pallet is retrieved, the remaining pallets roll forward into position, enabling fast and efficient access.

Operating on a First In, Last Out (FILO) basis, push back racking is ideal for marshalling areas, bulk storage, and long term inventory management where product rotation is predictable. Each lane is dedicated to a single SKU, helping improve organisation and reduce handling errors.

Engineered for reliability, the system features a low profile design for increased lift clearance, while interlocking carts help prevent jamming and provide controlled pallet descent. With the ability to store up to 10 pallets deep, push back racking offers a powerful combination of storage density, operational speed, and space efficiency

Live Pallet racking (FIFO)

Live Pallet Racking, operating on a First In, First Out (FIFO) basis, delivers exceptional storage density while ensuring fast, efficient product flow. Pallets are placed onto dedicated lanes of inclined gravity rollers engineered at a precise gradient to keep goods moving smoothly toward the picking face.

As soon as a pallet is retrieved, the next one automatically rolls into position—maintaining continuous product availability and minimising downtime. Replenishment stock is loaded from the upper end of each lane, allowing seamless stock rotation with minimal forklift travel.

Live pallet racking is particularly well suited to operations handling similar pallet types or consistent SKUs, as each lane is dedicated to a single product line. This ensures smooth pallet flow, uninterrupted rotation, and predictable stock movement—making it ideal for high throughput environments that rely on accuracy and speed.

This gravity fed system reduces handling time, boosts productivity, and enhances inventory control, making it a powerful solution for fast moving industries such as food and beverage, FMCG, manufacturing, and distribution



Specialised 'bespoke' items creating successful solutions.



Pallet Shuttle Bespoke

Boost Productivity with Automated High Density Shuttle Racking

Pallet Shuttle Storage is an advanced high density alternative to traditional Drive In, Push Back, or Pallet Live racking systems. While these systems can be limited by the practical depth of their storage lanes, shuttle technology removes this restriction—allowing significantly greater lane depths and maximising every cubic metre of warehouse space.

At the core of the system is an automated, rail guided shuttle that travels along support rails built into each racking lane. Forklift operators simply place the shuttle in the required lane using a standard truck, load the first pallet onto it, and the shuttle automatically transports the pallet to the correct position. Intelligent onboard sensors detect existing pallets and position new loads precisely at optimal spacing before returning to the lane entrance for the next cycle.

All shuttle movements are controlled via a radio remote, enabling forklift drivers to continue with other tasks while the system operates—dramatically boosting productivity and reducing travel time.

Beyond palletised goods, the shuttle system is highly versatile. Its ability to handle large, bulky, or awkward items makes it ideal for challenging storage scenarios. By combining standard components with tailored accessories and bespoke engineering options, the system can be configured to solve complex storage problems with ease. Additionally, raised platforms and tiered structures make full use of building height, delivering a cost effective way to increase storage capacity without expanding your footprint.

Pallet Shuttle Storage offers a powerful blend of high density capacity, rapid throughput, and operational efficiency—making it a smart choice for modern, space conscious warehouse operations



Optimise Vertical Space for Maximum Storage Efficiency.



Raised Platforms & Tiered Shelving

Raised platforms and tiered shelving systems offer a highly cost effective way to maximise vertical space, allowing businesses to dramatically increase storage capacity without expanding their floor area. These multi level structures make full use of a building’s height, often doubling available storage space while maintaining excellent accessibility.

Designed with integrated walkways, staircases, safety rails, and flexible shelf configurations, these systems are ideal for finished goods storage, component handling, and efficient order picking operations. They can also incorporate powered or gravity fed conveyors to move items quickly and seamlessly through the picking and dispatch process.

Built on the proven strength and versatility of Longspan heavy duty shelving, these platforms deliver exceptional stability and adaptability. The same Longspan components can also be used to create wide bay shelving or binning systems at ground level, ensuring a fully integrated and scalable storage solution.

To enhance worker safety and reduce fire risk, overhead walkways can be manufactured from perforated steel planks or steel mesh, allowing better light penetration, improved airflow, and effective sprinkler performance, creating a safer, more efficient warehouse environment.

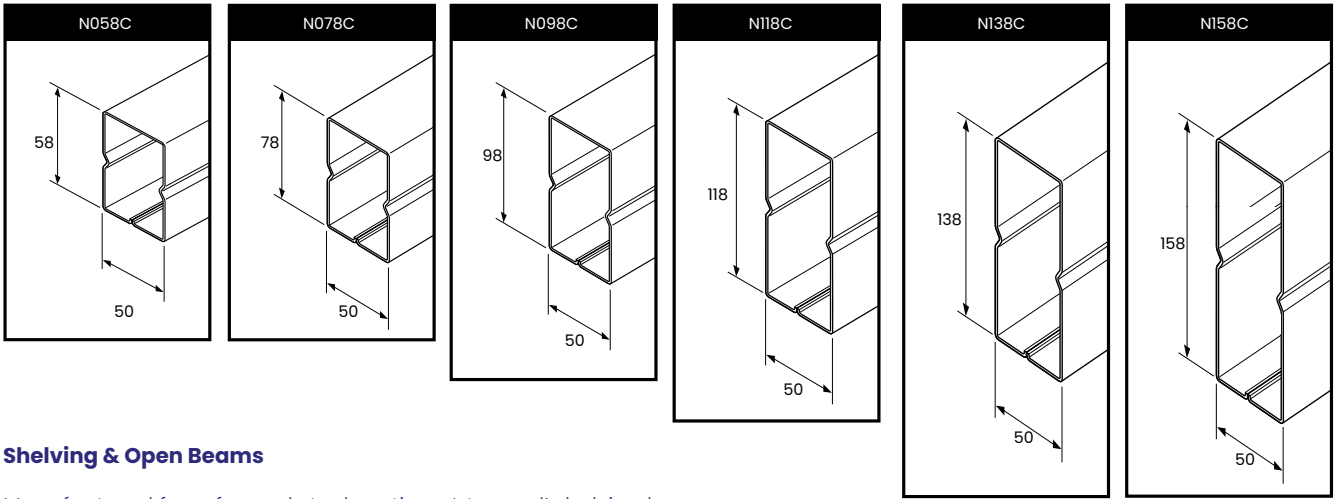
Impact Protection

Impact Protection systems provide essential safety and damage prevention for warehouse equipment, infrastructure, and personnel, helping businesses maintain a safer and more efficient working environment. Designed to withstand accidental forklift impacts, these robust solutions safeguard racking, shelving, and other vulnerable areas within busy warehouse and factory settings.

Beyond protecting storage equipment, Impact Protection is ideal for segregating pedestrian walkways, shielding forklift battery charging zones, protecting machinery and conveyors, and defining safe working areas around warehouse offices and loading bays. Their versatility helps improve site organisation and reduce collision risks across high traffic operational areas.

Engineered to support compliance with current Health & Safety regulations, Impact Protection solutions reduce hazards, minimise damage, and create a safer working environment—making them an essential investment for any modern industrial or logistics operation.

Specification



Shelving & Open Beams

Manufactured from formed steel sections, ‘stepped’ shelving beams (2BST & 4BST) are used to support steel shelf panels, chipboard or other shelving material.

2BB, 20BC, 30B & 40B beams provide a wider range of loading capabilities for shelf support.

Beams

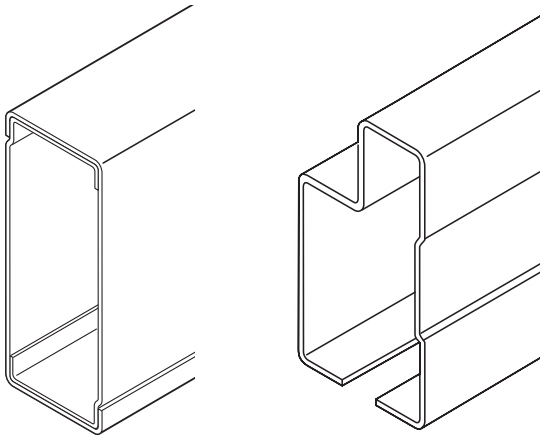
Manufactured from a pair of interlocking ‘C’ sections, for strength and efficient material utilisation.

The system includes a range of eight pallet support beams, with steel sections

of varying thickness. This allows the design of racking systems which cater safely and cost-effectively for the widest range of load requirements.

Box Beams: Range of 10 sections in lengths from 050 to 4500mm. Maximum UDL of up to 5892kg per pair.

Shelving Beams: Range of 2 sections in lengths from 1050 to 3900mm. Maximum UDL of up to 2804kg per pair.



Box Beams

Shelving Beams

Standard Component Colours



Frame Uprights

High Visibility Yellow
House Colour



Beams & Accessories

Graphite Grey
BS 5252 18 A14

Finish

Racking components are phosphate pre-treated, then powder coated (some items wet painted) and stove enamelled to give a glossy, durable high-quality paint finish. Bracing is galvanised. Customer’s ‘house’ colours and galvanised finish available on request.

Material

Components are made from high quality steel. Every stage in the manufacturing process is subject to stringent quality procedures, developed through years of experience.

Swatches shown give an approximate colour guide only.
Standard colour for beams and some accessories is High Visibility Yellow.
Standard colour for frames and some accessories is Graphite Grey. Bracing is galvanised.

Racking

By utilising the full range of accessories you can improve your warehouse operation and, as we are the original manufacturer, you can be sure they are right for the job.



5. Fork Spacer

Used in pairs across beams, to provide fork entry spaces. Provides support for and access to non-palletised loads.



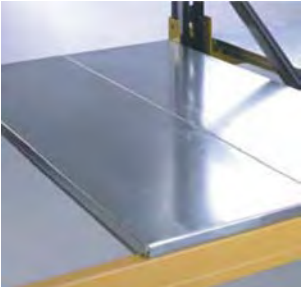
6. Drum Chock

Locates on the front and rear beams, and cradles the ends of a drum or barrel. Prevents lateral rolling of drums or cylindrical items. Used in pairs.



7. Coil Cradle

Spans beams to provide location and support for coiled materials - metal strip, for example - or other cylindrical items.



8. Steel Shelf Panels

Panels span a pair of box beams to provide wide-bay steel shelving. Made from pre-galvanised steel.



9. Steel Shelf Panels

Panels span and sit within a pair of stepped beams providing minimising the shelf thickness. Made from pre-galvanised steel.



10. Shelf Support

Fitted to stepped beams, to provide additional support and greater loading capacity for chipboard shelving.



11. Shelf Support

Fitted to box beams, provides support and greater load capacity for shelving. Cladding location bracket also shown.



12. Column Protector

Minimises the potential damage of forklift truck impact to racking upright. Steel construction with foam rubber insert.



13. Upright Protectors

Protect the lower section of XL uprights against fork truck collision damage. Available in 'U'-shaped or right-angled configuration.



14. Rack End Protector

Provides protection to the ends of racking. Available also as a barrier rail (with support posts) to protect equipment and walkways.



15. Racking Signs

Clearly display caution and loading/safety information relating to racking usage, and conform with SEMA guidelines.



16. Guide Rails

Allow safe and accurate guidance for trucks operating within racking, particularly in drive-in or narrow aisle applications.



1. Run Spacer

Used to maintain a fixed parallel safety clearance between double sided runs of racking.



2. Bolted Jointing Unit

Connects frames vertically, and ensures strength is fully maintained at the joints. Allows beams to be located up to the joint.



3. Frame Footplate

Essential for stability, allow racking to be bolted to the floor. Four duties available, to complement specific requirements.



4. Pallet Foot Support

Used in pairs across the beams, to support post pallets/stillages or caged pallets which have corner posts, skids or feet.



17. Sprinkler Systems

Can be supported within the racking structure.



18. Frame Cladding

Available to suit specific applications.



19. Safety Mesh Screens

Fitted for safety, and the security of palletised loads. Often fitted where a walkway or working area is adjacent to racking.



20. P&D Stations

Pick and Deposit (P&D) stations are used at the end of racks to assist in load handling between narrow aisle and other trucks.



Mezzanine floors | Partitioning Ceilings | Racking & Shelving



Pallet Racking



Two-tier Shelving



Lockers & Cupboards



Mobile Shelving



Mezzanine Floor



Industrial Shelving



Stock Room Shelving



Small Parts Storage



Square Tube

