

Racking & Shelving Systems

No other name carries so much weight!

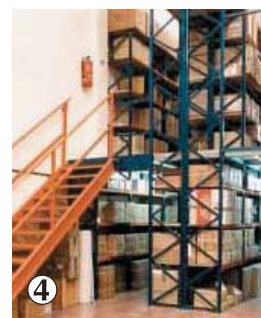
STORAGE DESIGN LIMITED



The Complete Storage Solution

Allibert Buckhorn offers customers a single source for equipment to fit out warehouses, supply chain distribution centres, retail outlets and store rooms.

- ❶ We supply a comprehensive range of products for storage, handling and distribution. Many products are available ex-stock from our 10,500 sq. m. head office and distribution centre at Bromsgrove in North Worcestershire.
- ❷ Pallet and cantilever racking - from standard racking bays to bespoke solutions capable of storing loads of up to 12 tonnes per level.
- ❸ Shelving - from a single bay delivered ex-stock for self assembly to multi-tier or high bay systems.
- ❹ Mezzanines and multi-level storage - from a simple storage platform to a multi-tier storage solution complete with offices, racking, shelving and inter-floor conveyors.



Complimenting our racking and shelving products, we manufacture Europe's largest range of plastic containers, pallets and bulk boxes to complete your supply chain requirements.

Whether supplying a single bay of shelving or fitting out a complete distribution centre with racking, mezzanines, shelving, conveyors, picking trolleys, containers, pallets and bulk boxes - Allibert Buckhorn provides the answer.



Design & Project Management

Our design team have the skills and experience needed to provide you with a full project management service.

We will survey your premises, analyse your handling procedures (including future requirements) and recommend a storage solution to save you space and time.

Once the design has been agreed we ensure that all work is carried out to manufacturers instructions, in accordance with FEM / SEMA codes of practice and meets all health & safety regulations - leaving you with total peace of mind.

Pallet Racking

Pallet racking systems come in many configurations, but the importance of getting the basics right is fundamental. For safe and efficient operation, the racking system must be designed to interface with both the pallet / load and the mechanical handling equipment.

Allibert Buckhorn racking systems are engineered with safety at the forefront of design. New systems have for many years conformed with the FEM European code of practice.

- ❶ Wide aisle racking eases and speeds access for mechanical handling equipment.
- ❷ Narrow aisle racking greatly improves storage density, requiring specialised narrow-aisle lift trucks.
- ❸ Drive-in / Drive-through racking provides even greater storage capacity by eliminating aisles. Drive-in racking is a LIFO (last-in / first-out) storage system.
- ❹ Pallet Live Storage allows pallets to flow down inclined rollers, combining great storage density with the advantage of FIFO (first-in / first-out) stock rotation. Push-back racking can be used to give high density storage in LIFO (last-in / first-out) configurations up to six pallets deep.



Office 2 Office (Banner)

Office 2 Office opened their new Distribution Centre in Basingstoke, they chose Allibert Buckhorn to design and install their racking, shelving and picking systems.

"Allibert Buckhorn came up with some initial ideas which we worked on together to arrive at the final design for our storage and picking systems."

It's great to work with a company that fully understands what the client wants and can find cost effective ways of achieving it."

Cantilever Racking

Cantilever racking is designed for the storage of long items. It is the perfect solution for bars, tubes, profiles and sheet materials.

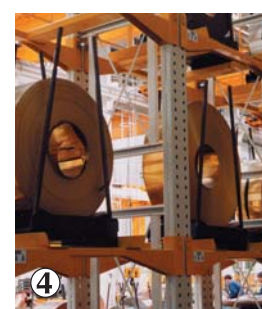
It is used extensively throughout the metals, timber and plastics industries.

❶ Allibert Buckhorn's cantilever racking is simply the best design available. It features tapered columns and arms, providing strength where it is needed most and providing greater clearance for easy access. The rectangular locking pin allows quick and precise arm adjustment.

❷ Cantilever racking can be supplied in both single sided and double sided configurations, and is often used with side-loading forklifts in narrow aisle systems.

❸ It can also be fitted with product retaining trays or with beams to provide continuous uninterrupted storage.

❹ Allibert Buckhorn is adept at designing 'custom specials' to meet the needs of all manner of storage problems. An adjustable cantilever racking system was designed and installed for B Mason & Son to store copper-alloy strip. Two racking systems were installed; one to store 55 tonnes in 10m high bays and the other to store coils of up to 12 tonnes per level - a load previously unheard of for an adjustable system.



TW Metals

Cantilever racking enabled Southampton based TW Metals to optimise the use of storage space as the business expanded.

"Allibert Buckhorn engineers designed a system to cater for the greater volumes and wider range of sheet, plate and tubes that we needed to stock - and without taking up extra floor space."

Prior to installation we were shown other sites in operation, which gave us the confidence that the solution Allibert Buckhorn recommended would work for us."

Shelving

Hand loaded shelving systems can fulfil a multitude of needs, from a small storeroom to a high-bay warehouse.

❶ Long-Span shelving offers a full range of beam sizes and load capacities that are easily adjustable in sturdy upright frames. Available with steel shelf panels or chipboard decking.

❷ Closed shelving with sheet steel backs and sides easily divided for small parts storage.

❸ Carton Live Storage allows cartons or containers to flow down inclined rollers for FIFO (first-in, first-out) stock rotation and order picking.

❹ Line-side Carton Live Storage units are ideal for just-in-time manufacturing practices.

❺ Mobile systems make the best use of limited space. Long span or closed shelving is mounted on mobile bases which move along floor mounted tracks. In this way a conventional system can be reduced in area by up to 30%, closing-up adjacent runs and creating an aisle only when it is needed. Consequently, more runs of shelving can be fitted into the available area or the free space can be used for other activities.



World Design Trade

WDT (World Design Trade) operate a Distribution Centre in West London for leading brands of leisure fashion and were provided with five miles of shelving - some on mezzanine floor and some built as a two-tier.

"Allibert Buckhorn came highly recommended and we liked their style. The people I dealt with were the most helpful I have ever worked with."

Even when the inevitable live challenges arose they just established the reason, worked out a solution and got on with the job - a refreshing change."

Mezzanines and Over-Sailing Floors

Mezzanine floors provide a cost efficient means of increasing floor space for a number of uses.

Allibert Buckhorn design and install multi-level systems from simple over-sailing floors to integrated storage solutions complete with offices, racking, shelving, live storage and inter-floor conveyors.

Fire Rating for mezzanine floors, staircases, handrailing and pallet safety gates are among the many essentials to complete a project.

❶ A storage platform releases ground floor space for production or further storage.

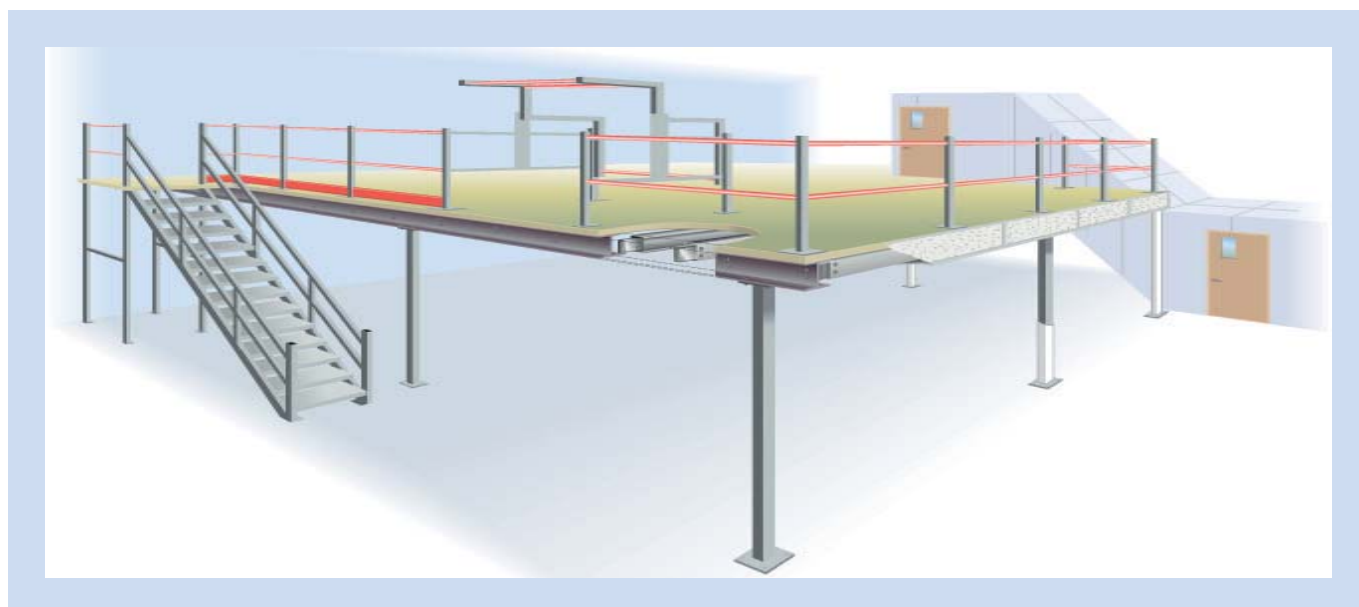
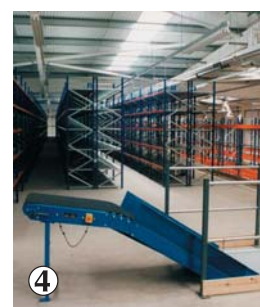
The lower and upper floor areas can be partitioned for offices or mesh security enclosures.

❷ A two-tier system doubles the amount of accessible shelving.

❸ Multiple-tier systems can be constructed to provide as many levels as the building height allows.

❹ Inter-floor conveyors can be installed to ease and speed handling operations.

As required, we can liaise with local authorities for Building Regulation approval.



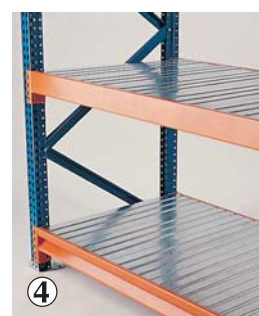
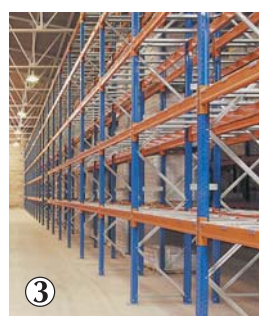
Express Delivery

Shelving and pallet racking can be supplied ex-stock for self assembly or installation by our installation teams.

A wide choice of beam lengths and frame heights and depths, together with a variety of accessories, allow you to configure a storage solution to suit the load and fit the available storage area.

- ❶ Long Span epoxy coated shelving (orange beams and blue side frames) with pre-galvanised shelf panels.
- ❷ Long Span pre-galvanised shelving with Allibin open-front storage bins.
- ❸ Pallet racking in either galvanised (for outside storage) or epoxy coated finishes.
- ❹ Easy and quick to assemble, adjustable beams simply locate into the side frame and are secured with safety clips.

A wide range of shelf trays, open-front picking containers, storage bins and plastic pallets are available from the Allibert Buckhorn container catalogue to compliment our shelving and pallet racking.



Long Span shelving can be supplied in the following standard sizes and load capacities:

Beam length:	890 mm	1,070 mm	1,250 mm	1,425 mm	1,605 mm
Max load per pair beams UDL:	145 Kg	125Kg	200 Kg	180 Kg	165 Kg
Side frame depth:	400, 500, 600, 800 or 900 mm				
Side frame height:	2,000, 2,400 or 3,000 mm				

All units are supplied with foot plates, bracing, safety clips and either pre-galvanised or chipboard shelf panels

Pallet Racking can be supplied in the following standard sizes and load capacities:

Beam length:	1,350 mm	2,700 mm	2,700mm
Max load per pair beams UDL:	1,000 Kg	2,000 Kg	3,000 Kg
Side frame depth:	900 or 1,100 mm		
Side frame height:	Any height from 3,000 to 6,000 mm (in 100 mm increments)		

All units are supplied with foot plates, bracing and safety clips.

Accessories include column guards, chipboard decking, chipboard support bars and pallet support bars.

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