

STORAGE SYSTEMS



PALLET RACKING

Store with
Confidence

Space Efficient Pallet Storage

LINKMISR
ADVANCED STORAGE SOLUTIONS

LinkMisr International

LinkMisr International is the leading manufacturer of shelving and racking systems established in Egypt Since 1993 at the new industrial city 10th of Ramadan, the products are manufactured under license from Link 51 (UK).

LinkMisr exports to Middle East and Africa. LinkMisr cooperates for major projects with famous international companies: Interroll Germany, Automha Italy, Lista Switzerland, Storax Portugal. Product range Light & heavy duty Shelving, Long Span, Mobile Shelving, Pallet Racking, Drive-in Racking, Mobile Pallet Racking, Cantilever Racking, Satellite Storage System, Lista Steel Drawer System, Lockers, Retail shelving. Rack Clad Building (building roof & walls supported by the racking system). LinkMisr provides complete solutions including design, supply, installation and after sales services, with the help of a highly qualified team. Products are manufactured in accordance with SEMA guidelines (Storage and Equipment Manufacturer Association-United Kingdom) LinkMisr is recognized as associated member in ERF - (European Racking Federation) and FEM - (Federation European of Materials Handling) ISO Certified 9001:2008, ISO 14001:2004, BS OHSAS 18001:2007



Pallet Racking

LinkMisr provides a complete solutions including the design, supply, installation and after sale services with the help of a high qualified team trained by our licensors.

Regular testing is done on our storing systems components inside the factory to ensure that our products are compliant with the Egyptian and International Standard.



WIDE AISLE XL Pallet Racking



100%
Accessibility
of Unit Load

100%
Order Picking

35-50%
Cubic Space
Utilization



Easily installed, cost - effective and versatile. Adjustable beam racking is the most widely used of pallet storage systems and allows direct access to each pallet stored.

By selecting from a wide range of sizes and duties for standard frame uprights and beams, XL Pallet Racking can be configured to meet precise criteria in terms of load volume and weight, accessibility, handling requirements and space utilization.

XL Pallet Racking in its standard form provides safe, cost - effective storage for many different kinds of goods and materials. But for increased versatility XL Pallet Racking also offers a range of practical add - on accessories to make the storage and handling of goods even easier.

Ideal for industrial and warehouse applications in a range of sectors, including food and drink, manufacturing and production environments.



NARROW AISLE XL Pallet Racking

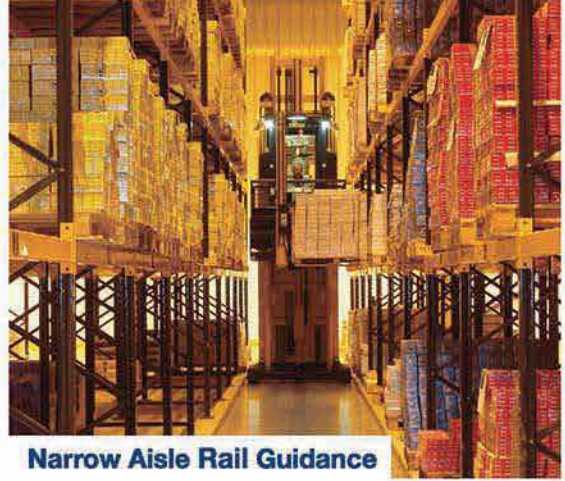


100%
Accessibility
of Unit Load

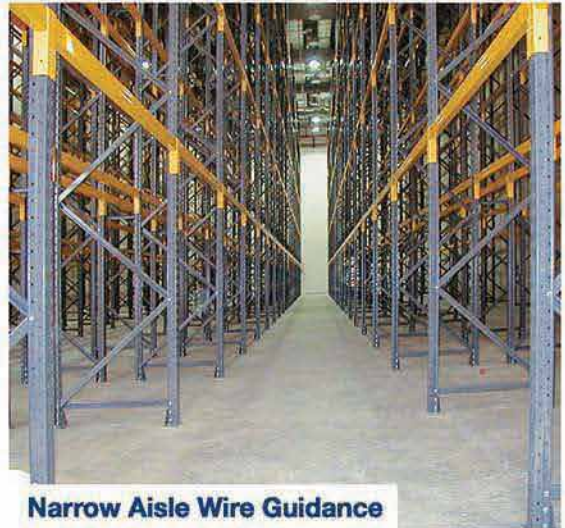
100%
Order Picking

55-60%
Cubic Space
Utilization

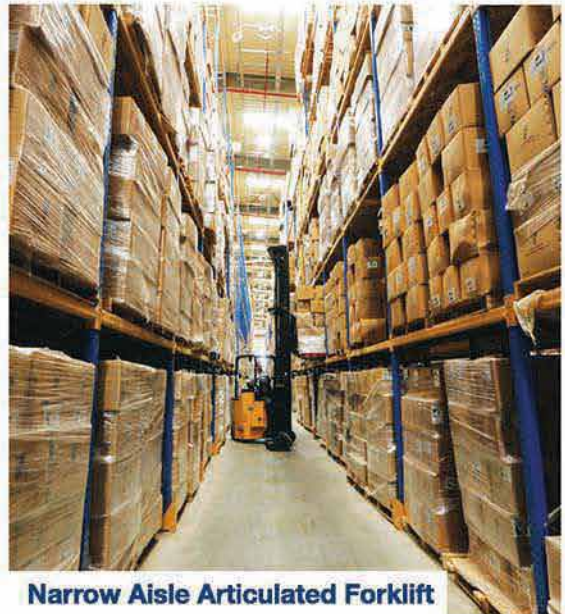
A - 120



Narrow Aisle Rail Guidance



Narrow Aisle Wire Guidance



Narrow Aisle Articulated Forklift

By allowing forklift trucks to operate in aisles up half the width required in conventional wide aisle pallet racking. Narrow Aisle XL Pallet Racking makes excellent use of floor space. By using specialised lift trucks in either 'man-down' or 'man-up' variants. And guidance rails or wire fitted at floor level ensure precise positioning of trucks. This has the multiple benefit of improving safety, whilst minimizing the incidence of accidental damage to racking as well as improving load handling.

DRIVE IN RACKING SYSTEM XL Pallet Racking



30%
Accessibility
of Unit Load

30%
Order Picking

65%
Cubic Space
Utilization



Using minimal space for access aisles and lanes, Drive In XL Pallet Racking provides a high density and very space - efficient bulk storage system.

With the first pallet into a lane being the last out, stock selectively is restricted, dispatched in batches. Pallets are stored on runners in the depth of the racking and trucks enter to deposit or retrieve loads.

Providing pallet storage at up to 11 meters, Drive In XL Pallet Racking has unsurpassed structural strength and stability, with bespoke single section uprights and rails and double bolt rail fixing into each upright.



SATELLITE XL Pallet Racking



30%
Accessibility
of Unit Load

30%
Order Picking

75%
Cubic Space
Utilization



The Satellite Storage System is a great option for high density storage if you have limited staffing levels. The remote controlled shuttles carry goods in and out of deep storage tunnels, leaving your operators free to perform other tasks.

Shuttle racking is particularly well-suited to:

- Storing a large number of pallets per SKU.
- Either first in, first out (FIFO) or last in, first out (LIFO) storage.
- Ensuring efficient retrieval times.

It enables you to:

- Minimize damage.

Achieve high density storage

You can stack pallets far deeper with shuttle racking than any other racking, enabling you to really maximize your warehouse space.

Maintain accessibility

Despite storage being high density, the shuttle gives you individual access to each storage tunnel.

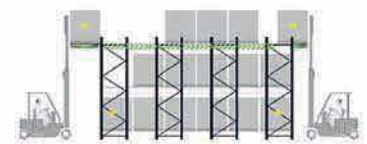
Increase productivity

While the shuttle transports the load to and from the face of the racking and loads the lane, your truck operator is free to work elsewhere, increasing your handling capacity. You can also send the shuttle into the tunnel to count or reorganize the pallets or move them closer to the unloading point.

Applications

FIFO

First in First out



LIFO

Last in First out



MOBILE PALLET RACKING SYSTEM

XL Pallet Racking





100%
Accessibility
of Unit Load

100%
Order Picking

80%
Cubic Space
Utilization



LinkMiser Powered Mobile Pallet Racking System is designed to maximize space utilization by having the pallet racking mounted upon movable chassis, running on rails & driven motors. This means that only one moving aisle is required, eliminating the aisles which are required with static racking installations, but still allowing 100% access to the pallets stored.

Safety Features:

An audible alarm sounds when the pre-start button is pressed, warning all personnel in the area that the system is about to start. An amber flashing light is automatically activated when the system is in motion. Each mobile chassis has a photo electric sensor system operating at floor level along the edge of each aisle, to protect operators & products on the floor of any aisle being closed. The System is stopped if any of the sensors are activated.

An additional array of photoelectric sensors automatically stop all movement of the mobile when a person or truck attempt to enter an aisle when the system is operating.



DOUBLE DEEP XL Pallet Racking

50%

**Accessibility
of Unit Load**

30%

**Order
Picking**

55-60%

**Cubic Space
Utilization**



A Variant on Standard Adjustable Beam Racking

Double deep XL Pallet Racking, as the name implies, allows pallets to be stored two deep but still accessible from the same aisle. By reducing the number of access aisles and using the space saved to accommodate additional racking, a Double deep configuration provides a highly space - efficient storage system.

Although the speed of access to all of the pallet positions is restricted, with an efficient stock management system this can easily be compensated for to take advantage of the increased storage density.

LIVE STORAGE XL Pallet Racking

30%
Accessibility
of Unit Load

30%
Order
Picking

80%
Cubic Space
Utilization



Dynamic Pallet Racking

Pallets are loaded onto dedicated lanes of inclined gravity rollers which are set at a fixed gradient. When a load is taken from the picking face, the next pallet rolls into position, with replenishment stock loaded at the opposite (upper) end of the lane. Pallet movement is regulated by brakes and speed controllers fitted within the roller tracks.

Working on a first-in, first-out basis, Dynamic Live Storage racking provides extremely high levels of storage density in a given area, and provides automatic stock rotation, with the minimum of forklift truck movements required to handle the flow of area, and provides automatic stock rotation, with the minimum of forklift truck movements required to handle the flow of goods.

SPECIALIZED XL Pallet Racking



Multi Tier Racking



Carton Flow



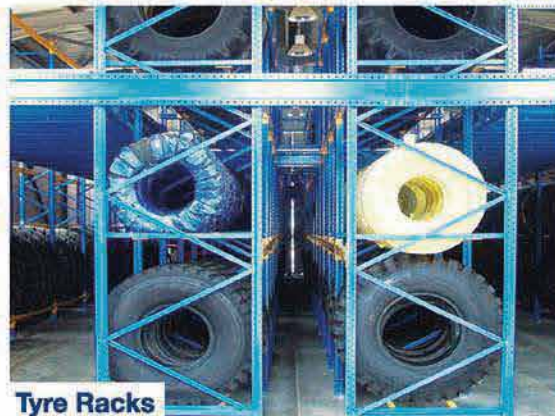
Raised Floor



Garment Racks



Carpet Racks



Tyre Racks



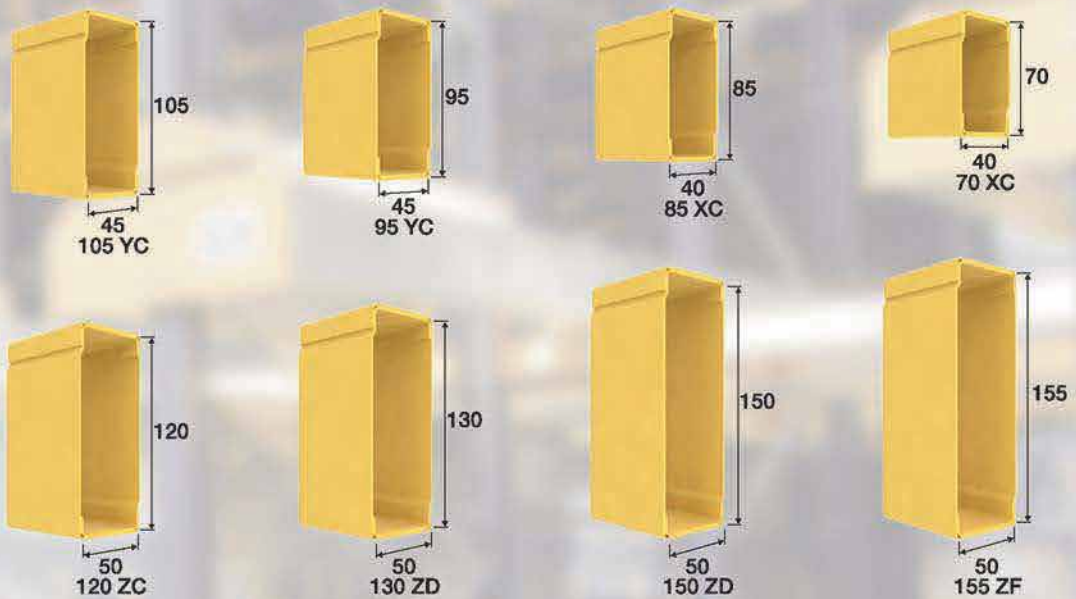
Secured Aisle



Cantilever

SYSTEM COMPONENTS

XL Pallet Racking



Box Beams

Material: Manufactured from a pair of interlocking steel 'C' sections, with a frame connector welded in position at both ends.

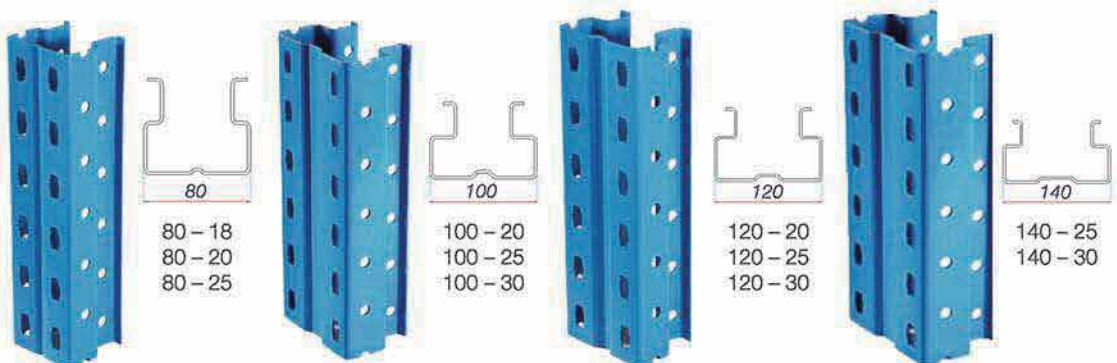
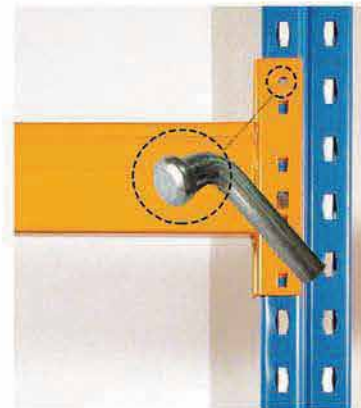
Finish: Painted (standard colour) Yellow.

Safety locking

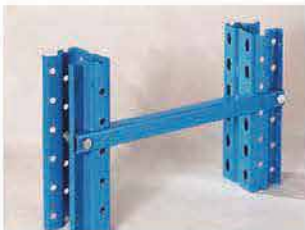
Pins are fitted to help prevent accidental dislodgement of beams during use.

Frames

Frames are of bolted construction, for easier installation and replacement of damaged components. A wide range of upright duties are available, offering versatility in matching load criteria.



RACKING ACCESSORIES XL Pallet Racking



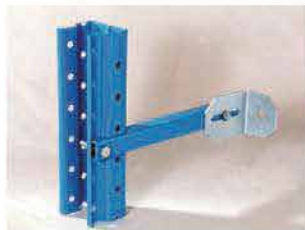
1 RUN SPACER

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



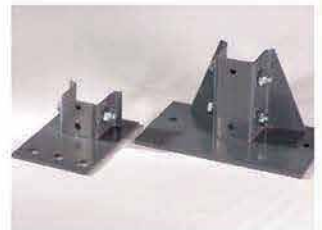
2 BOLTED JOINING UNIT

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



3 WALL TIE

Allows frames to be fixed to a wall for additional stability, and maintains safety clearance between the racking and the wall.



4 FRAME FOOT-PLATES

Essential for stability, allow racking to be bolted to the floor. Two duties available, to complement the four XL frame types.



5 PALLET FOOT SUPPORT

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



6 DRUM CHOCK

Locates on the front beam, and cradles one end of a drum or barrel. Prevents lateral rolling of drums or barrel. Prevents lateral rolling of drums or cylindrical items.



7 FORK SPACER

Used in pairs across beams, to Provides support for and access to non - palletized loads.



8 SHELF SUPPORT

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



9 RACKING SIGNS

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



10 LEAD IN

Fitted to protect upright from impact damage by forklift trucks and act as a visual guide into the lanes of DIR.



11 UPRIGHT PROTECTORS

Protect the lower section of XL upright against fork truck collision damage. Available in 'U' - Shaped.



12 HIGH POLYMER

For protecting frame upright, by absorbing and reform following impacts from workplace vehicles.



13 RACK END PROTECTOR

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



14 TUBULAR BARRIER

Provides a high level of protection, either to racking end frames or warehouse walls.



15 STEEL SHELF PANELS

Panels sit upon a pair of box beams to provide wide-bay shelving. Made from pre-galvanized steel.



16 WIRE SHELVES

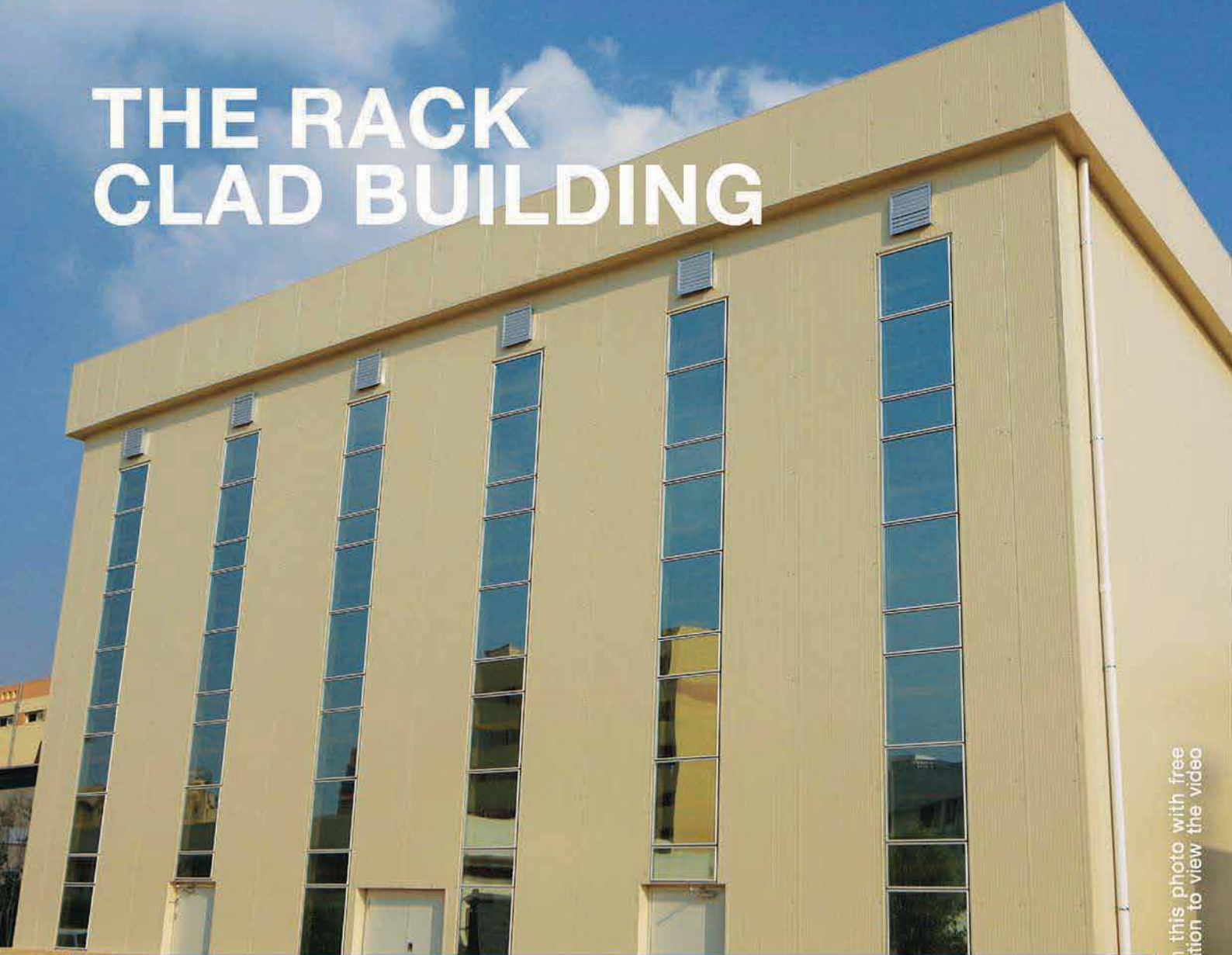
Provide better fire safety, improve visibility and access for operators. Also allow for storage of odd size pallets.



17 P&D STATIONS

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

THE RACK CLAD BUILDING



Simply scan this photo with free
layer application to view the video



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