

رفوفكو
RFUFCO



National Industry...
international standards





Founded Plant

RFUFECO FACTORY is a joint stock company launched before 15 years. The company is specialized in providing consultation and solutions for storage systems, logistics, material handling and warehouse automation using innovative and qualitative solutions to meet the aspirations and needs of our valued customers.

The company provides various storage systems and solution such us:

- Pallet Storage System.***
- Multi-Storey Storage System (e-commerce - spare parts - medicines - etc.).***
- Conveyor Belts and Material Handling System.***
- Pick-by-Light System.***
- Radio Shuttle System.***
- Drive-in System.***
- Carton Storage System.***
- Long Pieces Storage System.***
- Storage Platform System.***



Showroom 1 - Alkazan street, Riyadh Branch



Showroom 2 - Jeddah Branch



Showroom 3 - Dammam Branch

Our Factory

Our Vision:

To be the premier in providing the best services for storage and display systems in accordance with international standards.

Values:

Quality: providing best high products and services without compromising time.

Integrity: We fulfill our promises in serving the customer.

Customer: Serving the customer, his needs and his interests in the market.

Environment: providing services for our customers with the highest quality.

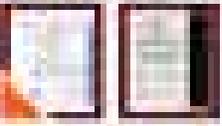
Our Mission:

Apply business strategies that produce the highest and best quality systems in accordance with standards and fulfill the requirements of the customer of the government and private companies and institutions in Saudi Arabia and the Arab market based on our experience and our professional services and financial efficiency and cost reduction.

According to the highest quality system requirements of the global storage standards to provide the maximum of our storage systems.



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Some of Our Respected Clients



Advance Machines



High capacity process for low investment and low energy consumption.

Simple control system.

Simple structure, easy to install, low maintenance, with control being performed all the way through remote control system.

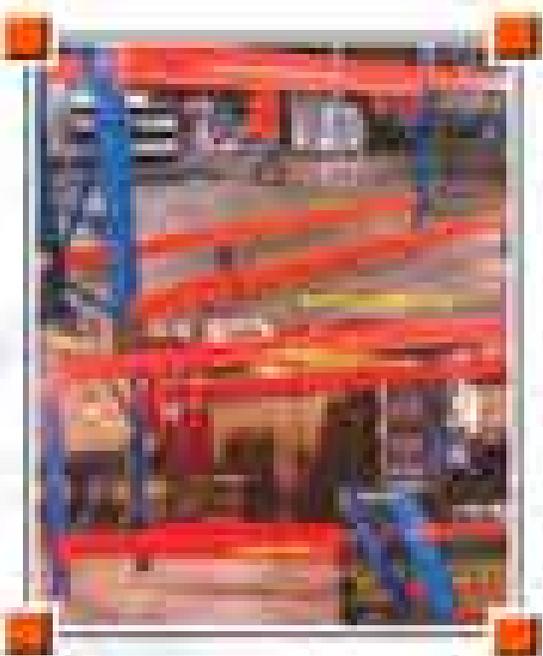
The machine's design process was adapted to the local conditions and the use of local parts and components to reduce the cost, as well as to provide a process for better quality products.

Simple control system.

High capacity and simple control system, with low investment and low energy consumption, and easy to install and maintain.

Simple control system.

Quality Products Certificate



Beam Actual Testing



Upright Actual Testing

Quality Certificate (TUV)



Welding Quality Actual Testing



Upright and Beam Actual Testing

Powder Coating - Quality Products Certificate



Jotun Powder Coating Certificate



TUV Coating Quality Certificate



Robotic Powder Coating

Powder Coating Quality

Durability of Robotic powder coating

Robotic powder coating systems provide superior quality and consistency in powder coating applications. The automated nature of robotic powder coating systems allows for consistent and uniform coating thickness across all parts, regardless of their size or shape. This consistency is achieved through precise control of the powder application process, ensuring that every part receives the same amount of powder. Robotic systems also offer improved safety for operators by removing them from the powder application area. The use of robotic powder coating systems is a significant step towards achieving higher quality and more consistent powder coating results.



Radio-Shuttle Pallet Rack



Radio-Shuttle Pallet Rack

Automatic Shuttle able to transform into an automatic warehouse all the Drive-in racking system, assuring the maximum use of the warehousing, making the facility more productive and efficient, AUTOSAT, powered by an innovative Lithium Ion battery easy to recharge and managed by an interactive radio transmitter, moves goods on pallets into the drive-in channels. AUTOSAT can be placed

in the appropriate channel by means of a standard fork lift.

STANDARD EQUIPMENT

- Battery on board
- Lithium battery charging station
- Remote Controller
- Remote controller battery charger
- User manuals
- Wooden Box as packaging.



STANDARD FUNCTIONS

- Loading
- Unloading
- Continuous
- Distance between pallets 40 mm up to 150 mm
- AUTOSAT Manual mode



STANDARD FUNCTIONS

- Pallets rearrange " compacting push "
- Pallets rearrange " compacting pull "
- Un-Collision between AUTOSAT in the same channel
- Stock list: counting pallets
- Multiple Pallets: different depth pallets management in the same channel
- Continuous unloading " plus "



TECHNICAL INFORMATION

- Speed with load on board : 30-33m/min Speed without on board : 63-66m/min
- Working range : 10-12-16 H
- Working temperature ST : From + 5 C up to + 45 C / BZ: from + 4 C up to 30 C
- Colors : chassis RAL lid RAL 7035

Radio-Shuttle Pallet Rack



Radio Shuttle Isometric View



Placing the shuttle into a channel

The operator must ensure that the channel where the shuttle is working is empty.

1. Lift the pallet with a radio shuttle truck, insert the fork under the shuttle and lift the pallet to the position in front of the

2. Lift the shuttle ensuring that the fork is raised & towards the operator of the shuttle and place it in the channel.

The shuttle operator (operator or automatic) must ensure that the shuttle is in the channel and that it is moving the pallet into the channel in front of the shuttle.

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Radio-Shuttle Pallet Rack



Operation

in semi-automated installation, operator only need to drive the forklifts that carry the pallets and initiate the motorized shuttles activity. the movement of the shuttles inside the racks is automated.

Step 1



A forklift places the pallet shuttle in the channel where work is to be done.

Step 2



Next, The forklift is used to position pallet one by one in the channel entrance, resting them on the load-bearing beams.

Step 3



Using the tablet, The operator sends the command to the shuttle to start the loading operation. Once the location of the pallet has been identified, the pallet shuttle lifts the pallet slightly, and moves horizontally until it reaches the first available location, Whereit deposits the pallet Different sensors accurately control the movements of the load being stored.

Step 4



The pallet shuttle returns to the top of the lane in order the repeat the operation with the next pallet, and the next, as many times as necessary until the channel is filled. Before the last position is filled, the shuttled is removed is the sequ-ence is repeated in the next channel where work is required

Radio-Shuttle Pallet Rack

A Radio-controlled, battery operated independent shuttle cart units travel along rails that support pallets above. The shuttle cart travels below the pallet, then elevates a pick-up table that lifts the pallet from the rails and carries it to the front of the racks. From the front of the rack, a conventional forklift truck can select the shuttle cart from its rail and move it to another location.



Components

Safety and control: the foundations of which the system is built

In addition to the contro tablet the communicate orders to the shuttle via Wi-Fi the system consists of two basic components.



Radio-Shuttle Rack Components



Upright

They are the vertical components can be adapted to a wide range of the load requirements.



External Rail support (Arms)

These are used to fix and anchor the rail at each load level to the entry/exit frames outer upright.



Rail

The pallet shuttle runs on rails inside the storagechannel. Its design facilitates the loading and shuttle centred.



Pallet Centraliser

These are fitted to the entry/exit points in the storage channels to aid in the placement of the unit load in the channel, ensuring it has been centred



Rail-end stop

Made of folded sheet metal, in 8mm thick L-shape, these are used as a detection element to slow and stop the shuttle in normal working conditions.



Beam

They are the the horizontal , Robust racking components where loads are deposited



Selective Pallet Rack

Selective Pallet Rack



RFUFCO selective pallet racking systems offer the best solution for applications where a wide range of commodities need to be stored on pallets.

RFUFCO selective pallet racking systems are designed to be used with any type of pallet. The width of the beams and the height of the racks depends on the dimensions of the pallets to be stored. The size of the pallet and the height of the warehouse affect the design.

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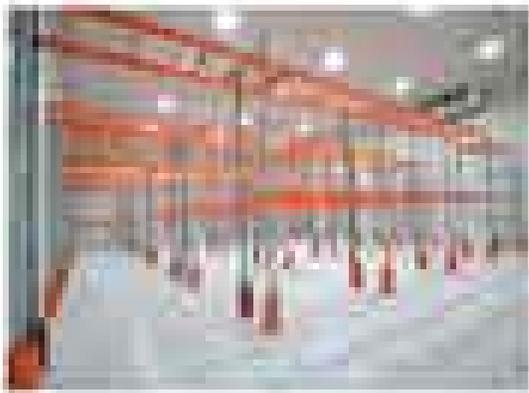
- Maximum adaptability to any load type both in terms of weight and volume.



Selective Pallet Rack



Galvanized Racking System for cold storage



Storage Solutions for Cold Storage

RFUFCO provides a wide range of storage solutions for cold storage. Our selective pallet rack system is designed to maximize the use of space and provide easy access to the stored goods. The system is made of galvanized steel, which is resistant to rust and corrosion. It is also easy to install and maintain.

Stock Visibility:

The selective pallet rack system provides excellent stock visibility. The open design allows you to see the goods from a distance, making it easy to locate and retrieve them. This is particularly important in cold storage, where the goods are often wrapped in plastic and the environment is dark.

Our Value Proposition

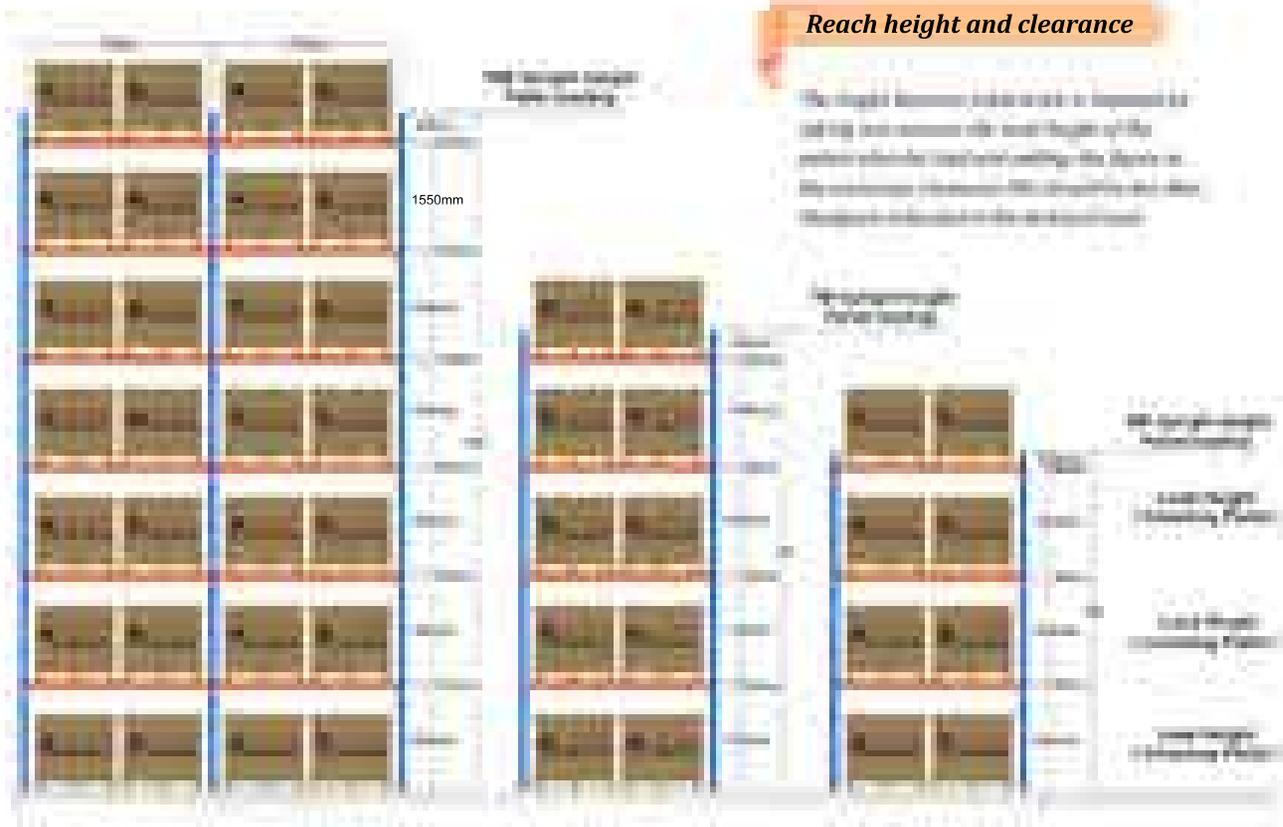
- Customized solutions for different applications
- High quality materials
- Professional installation and maintenance services
- Comprehensive after-sales support and warranty



Selective Pallet Rack



Selective Pallet Rack



Selective Pallet Upright



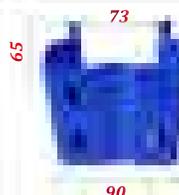
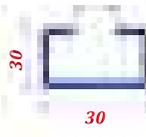
Upright

These uprights are of heavy weight and are constructed from high quality steel. They are designed to support heavy loads and are available in a variety of heights.

The depth of the upright is determined by the width of the aisle. It is available in a variety of heights and depths. It is available in a variety of heights and depths.

Upright section

The upright section is available in a variety of heights and depths. It is available in a variety of heights and depths.

| Upright 50 | Upright 90 | Upright 100 | Upright 120 | Upright Support |
|---|---|---|--|---|
|  |  |  |  |  |
| Section : 50X60 Thickness: 1.5, 1.8mm | Section : 90X65 Thickness: 1.5, 1.8, 2.0mm | Section : 100X65 Thickness: 1.5, 1.8, 2.0mm | Section : 120X65 Thickness: 1.5, 1.8, 2.0mm | Section : 30X30 Thickness: 1.5, 2.0mm |



Upright 50



Upright 90



Upright 100



Upright 120



Upright Support

Selective Pallet Support



Rack Double Unit

Frame Spacer

or Upright Cross Support

Use connect frames & frame (double side) of frames and upright

Length as required

Size: The body tubular 25x25 with Fixing Double Sides, 2Pcs. M10x15 Bolts & nuts at endplates, 1Pcs. N10x65 / 110 Bolt & nuts at the other ends.

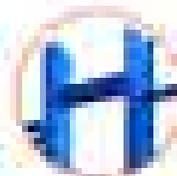


Row Spacer or Joint

Use Row Spacers are fitted between frames of double entry racks to increase front to back rigidity and stability.

Length as required.

Size; 40x40x1mm Tubular with 2mm Endplates
30x60x1mm Tubular with 2mm Endplates
Fixing; Tow N10x25mm Grade 8.8G set crews.

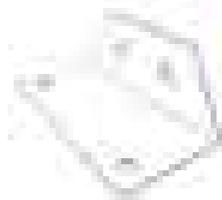
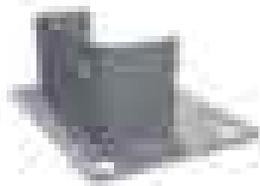


Footplates

Frame are erected on the floor using footplates which are fitted to the base of the upright. There is a range different frame footplates whose used depends on the load to be supported and on the upright model used. they are anchored to the floor using one or two anchor bolts.



U-Type Footing



L-Type Footing

Selective Pallet Beam

End Connector Types

Beams are the horizontal and robust component of the rack upon which load is deposited. They are joined to the upright via connectors or endplates, which fit into the slots of the upright. The hooks on these endplate, in the connecting system designed and patented by **RFUFCO**, are joined to the main body of both ends. This considerably increases load capacity and prevents deformation that typically occurs when the connection between the main body and the hooks or endplate is not sturdy enough.



| | | | | | |
|---------------------|---|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| | | | | | |
| BEAM SECTION | -60x30x1.2 -60x30x1.5 -3 or 3 hooks connector | -80x50x1.5 -3 hooks connector | -100x50x1.5 -3 hooks connector | -120x50x1.5 -4 hooks connector | -150x50x1.5 -4 hooks connector |



Tube Beam
60x30



Box Beam
80x50



Box Beam
100x50



Box Beam
120x50



Box Beam
150x50

End Connector Types

| 2-Hooks End Connector - 3mm | 3-Hooks End Connector - 4mm | 4-Hooks End Connector - 4mm |
|-----------------------------|-----------------------------|-----------------------------|
| | | |

Safety Locking Pin

The end plate that joins the beam and upright includes the built-in safety locking mechanism developed in order to make the structure even safer.



Selective Pallet Beam



| | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
| -60x30x1.2 -60x30x1.5 -3 hooks connector | -80x50x1.5 -3 hooks connector | -100x50x1.5 -3 hooks connector | -120x50x1.5 -3 hooks connector | -150x50x1.5 -4 hooks connector |

Model and dimensions subject to change without notice. All dimensions are in millimeters. The weight and load capacity information is provided for general information only. The actual weight and load capacity should be determined by a qualified engineer. The weight and load capacity may vary depending on the actual conditions of use.

BEAM LOADING CAPACITY

| BEAM | 1500mm | 1800mm | 2000mm | 2300mm | 2500mm | 2700mm | 3000mm | 3300mm |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 60x30x1.5 | 700kg | 600kg | 500kg | 450kg | 400kg | ----- | ----- | ----- |
| 80x50x1.5 | 3290kg | 2410kg | 2030kg | 1630kg | 1450kg | 1500kg | 1050kg | 950kg |
| 100x50x1.5 | 5280kg | 3740kg | 3150kg | 2490kg | 2300kg | 2200kg | 1450kg | 1350kg |
| 120x50x1.5 | 5256kg | 5700kg | 4640kg | 3510kg | 2970kg | 2800kg | 2060kg | 1960kg |
| 150x50x1.5 | 9648kg | 6700kg | 5430kg | 4100kg | 3470kg | 3500kg | 2410kg | 2310kg |

Selective Pallet Shelves



Shelves

Different types of shelves are available, to suit any requirement. The most commonly used are:

Galvanized Shelf



Metal Shelf - HR or CR coil



Metal shelves which, depending on the storage requirements, can be placed on tubular or beams they fit directly on top of the beams.

Selective Upright Protectors



Protectors

These protect racks from light impacts that may occur at floor level preventing damage to the vertical elements.

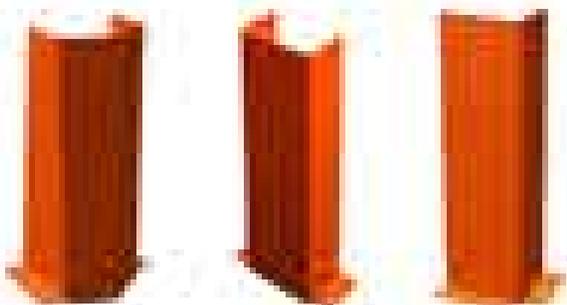
Upright Protectors

Each type of upright has its own type of protector. they are 500mm high and come with 4 anchor bolts to fix them to the floor. they are used to protect uprights from impact and possible damage in facilities where forklift truck operate.



Frame Protectors

These protect the side of the rack at the bottom. They are normally fitted to end frames and passageways between frames where impact are most likely. Each upright type has its own protector. In order to protect the entire side of a frame.



C - Type protector U- Type protector V- Type protector



Selective Pallet Wiremesh Decking



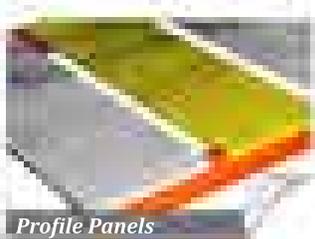
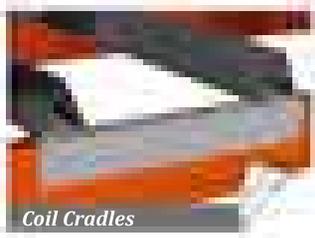
Wiremesh shelving are made of round electro-welded mesh panel that rest on crosstie supports, which strengthen the structure. They are always fitted on beams and do not require further fixing.



Wiremesh decking with cladding support



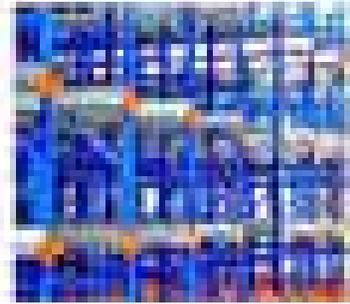
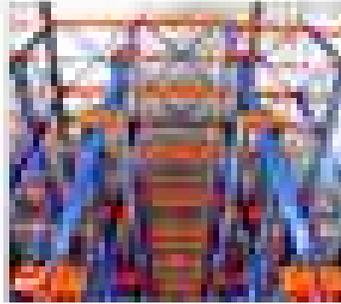
Selective Pallet Rack Accessories



Drive-In Pallet Rack



Drive-In Pallet Rack



Drive-In racking system

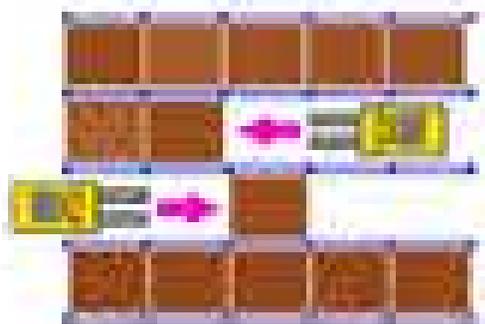
Drive-in Pallet Racking System provide maximum storage capacity using the minimum amount of space. It is particularly suited to store very large quantities of homogeneous products. Drive-In or Double Access System consist of continuous lanes of racking with only a single load and retrieval aisle. loading and unloading is undertaken by means of counter balance or reach trucks that drive down each lane into the racks. Drive-In racking operates on the basis First-In Last-Out (FILO), therefore it only suits products, which is stored in sufficient volume to require multiple lanes to ensure stock rotation.

Drive - In Pallet Rack

Drive-thru

Drive-thru ,rack allow a lift truck to enter the from either side to pick up or full out pallets. Loads are supported by rails attached to upright frames, and lift trucks are driven between uprights to reach pallets. This is done because pallets can slide backwards on a continuous rail. It's open at both ends, allowing first-in, first out storage.

Drive-Thru rack offer the ability to store a large amount of similar loads in a smaller area. Selectivity is sacrificed, but storage density is enhanced since many pallets are stored and are available through a single pallet position.

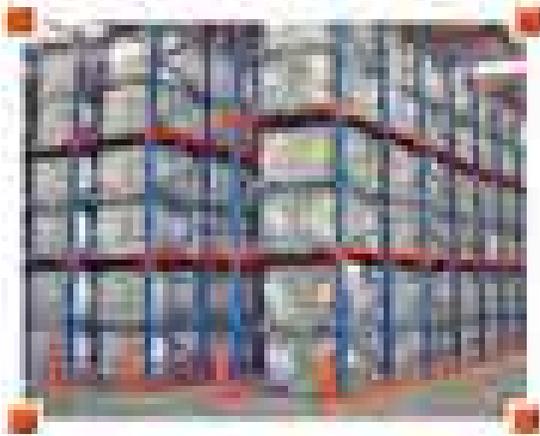


Top view



Drive-In Pallet Rack

Drive-thru is used to stored many pallets of a similar products.Lift trucks drive into the rack to extract the first pallet they come to. Pallets in the center of the rack system are not accessed as frequently as those edges.



Isometric View

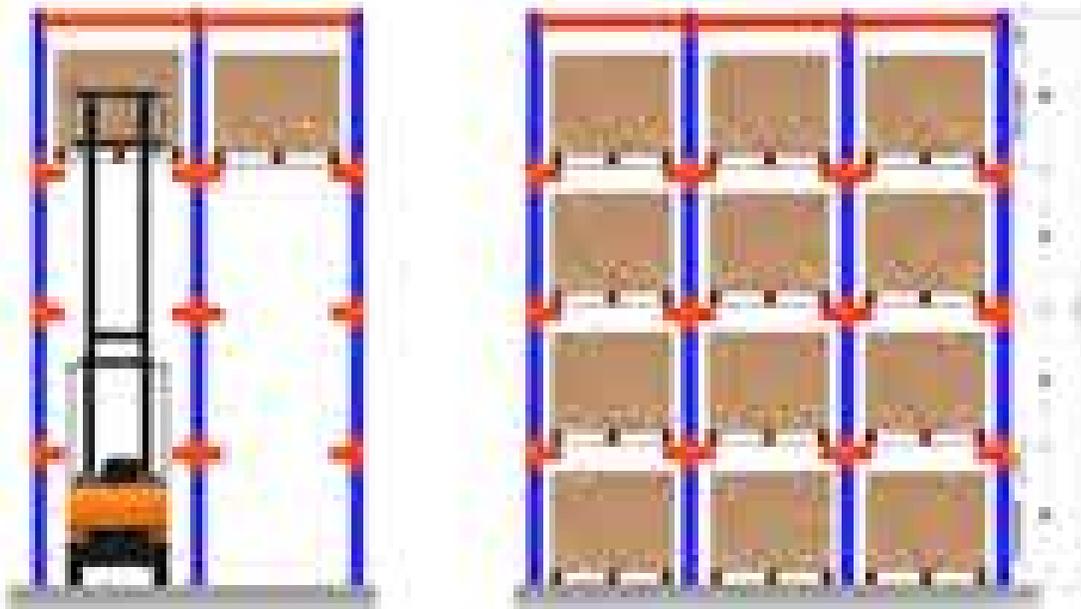
Drive - In Pallet Rack



RFUPCO Drive-In Pallet Rack is a high-capacity storage system designed for maximum efficiency in warehouse operations. It allows forklifts to drive directly into the racks to load and unload pallets, maximizing the use of vertical space and minimizing aisle width. This system is ideal for high-volume storage of uniform palletized goods.



Drive-In Pallet Rack



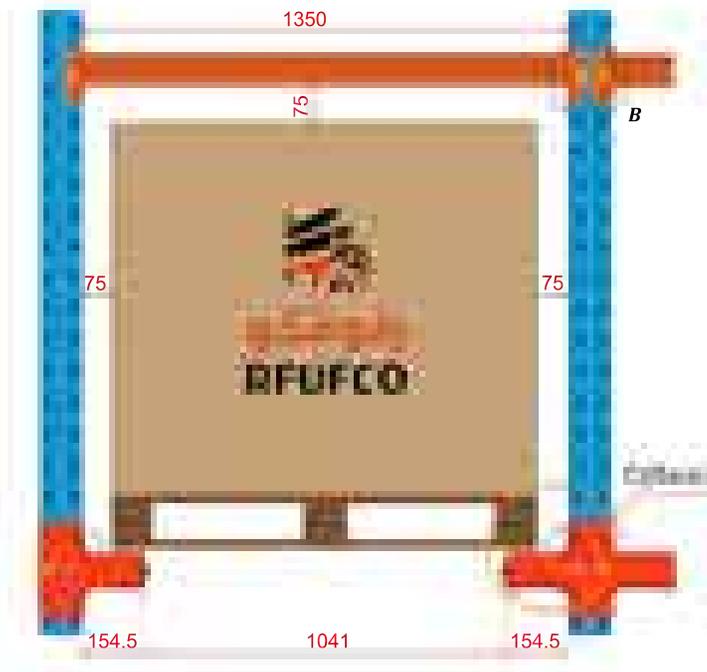
Height

- 1) The maximum height of the rack is equal to the sum of:
 - a) Height of the beam and connection level + height of the pallet + 100mm
 - b) Height of the upper level + height of the pallet + 100mm
 - c) Total height is at least the sum of all the levels.
- 2) Maximum C' is 2000 mm (except for a height of 1000mm)

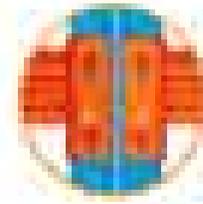
Drive-In Components



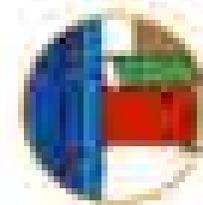
Standard Dimensions:



DETAIL A



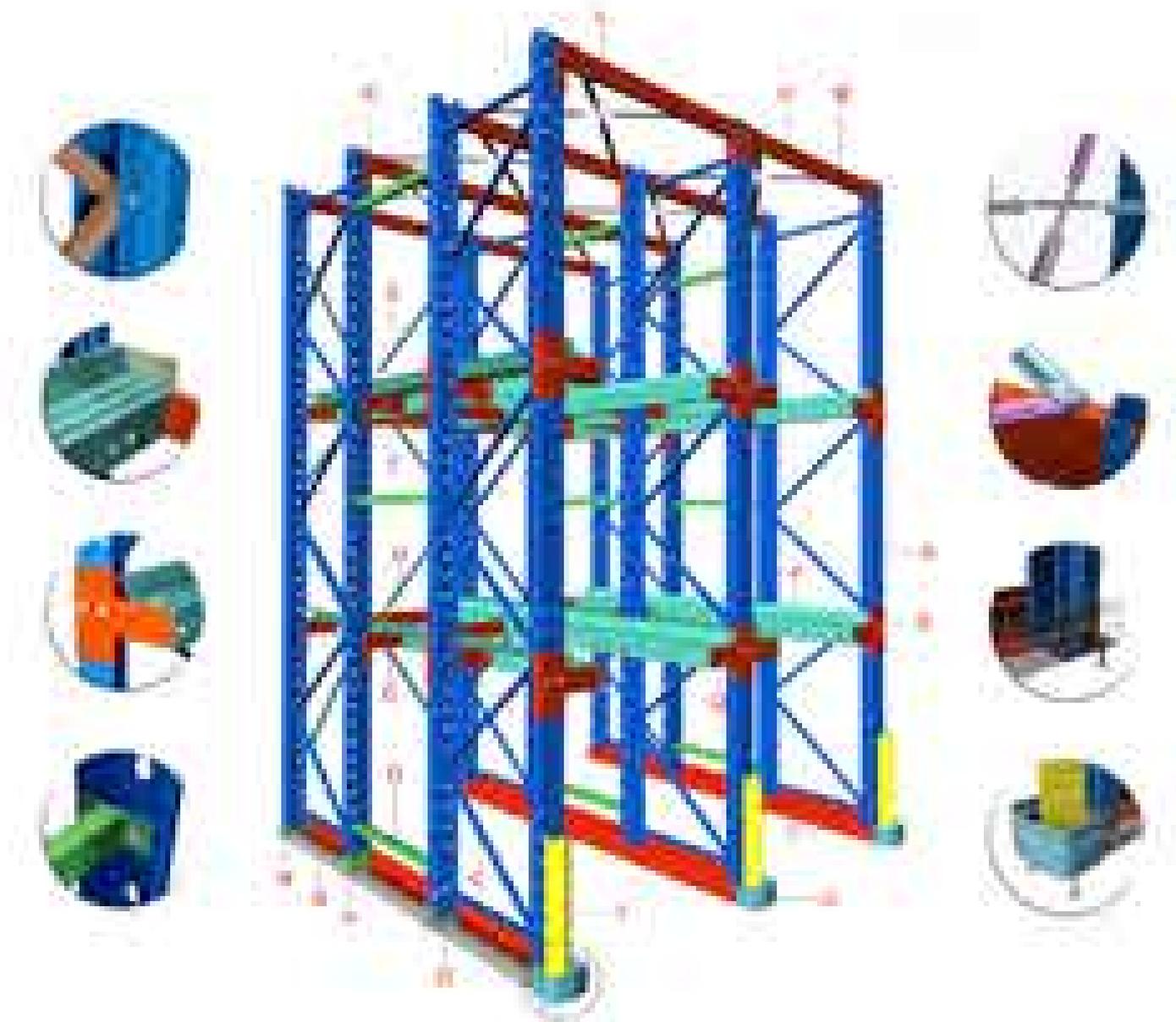
DETAIL B



DETAIL C

For normal forklift operation

Drive-In Rack Components



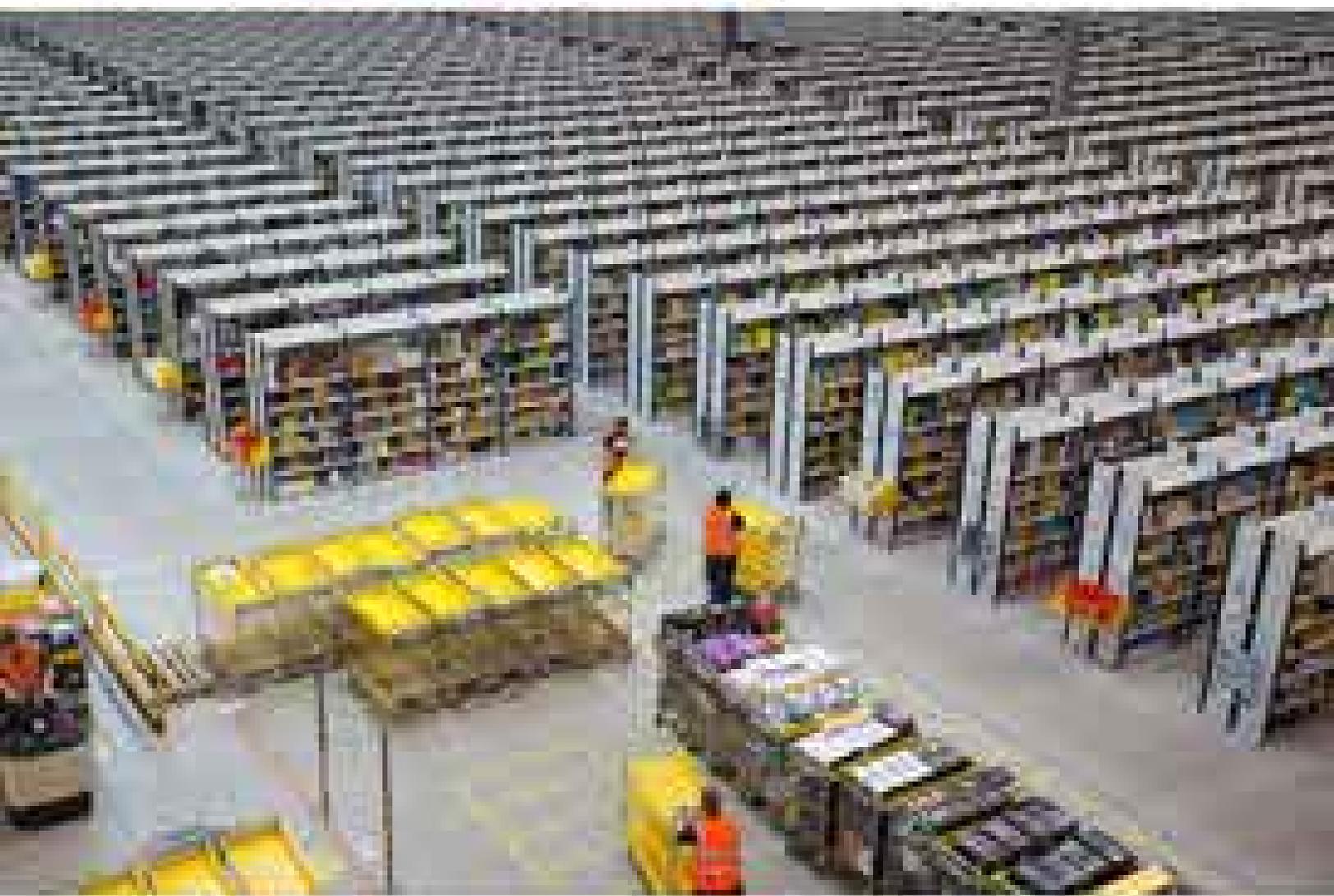
- A. Upright
- B. Horizontal Beam
- C. Diagonal Brace
- D. Cast Axle Single
- E. Column Roller Support
- F. Upright Beam with Column Flut
- G. Upright Beam with Support
- H. Floor Fluted Roll
- I. Column Fluter
- M. Flat Beam

- N. Flut Fluted
- O. Flat Flange Beam
- P. Pave Pipe
- Q. Bracket Spacer
- R. Upright Flut
- S. Cast Axle Double
- T. 2 Lip Connector
- U. Flut Fluter

Bolts Free Shelving Storage



Bolts Free Shelvings



Bolts free shelving storage

These shelves are designed to provide an efficient, low-cost storage solution. Made up of heavy-duty metal, they are built to last and are easy to assemble. They are also easy to adjust, allowing you to change the height of the shelves to accommodate different sized items. They are also easy to clean and maintain, making them a great choice for use in schools and government buildings. They are also a great choice for use in homes and offices, providing a clean, organized storage solution for your books, files, and other items.

Advantages

- They are easy to assemble and disassemble.
- They are easy to clean and maintain.
- They are easy to adjust, allowing you to change the height of the shelves to accommodate different sized items.
- They are also easy to clean and maintain, making them a great choice for use in schools and government buildings.
- They are also a great choice for use in homes and offices, providing a clean, organized storage solution for your books, files, and other items.

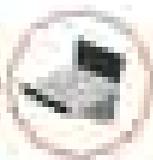
Bolts Free Shelvings



Bolts Free Shelvings



Cross Bar Support



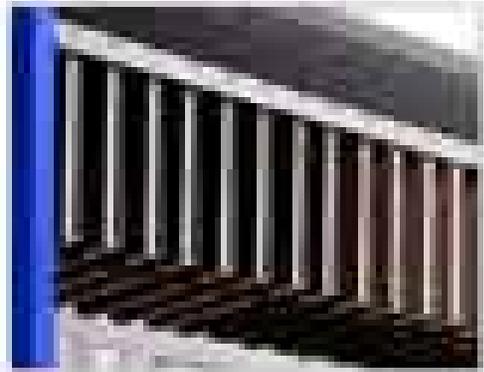
Shelf Support

Basic components

1. Frame
2. Shelf
3. Shelf support
4. Crossing bracing
5. Cross support
6. Foot plate

Bolts Free Shelvings

All Shelvings is made of galvanized steel and painted with epoxy resin, which is resistant to fading, corrosion, and rust. The shelves are made of 18mm thick galvanized steel and are supported by 40mm thick galvanized steel. The shelves are supported by 40mm thick galvanized steel. The shelves are supported by 40mm thick galvanized steel.



Suspension filing set

Basic components

1. Suspension filing set
2. Shelvings
3. Vertical divider
4. Side support
5. Back support
6. Base



Detail of the suspension filing set components for back support

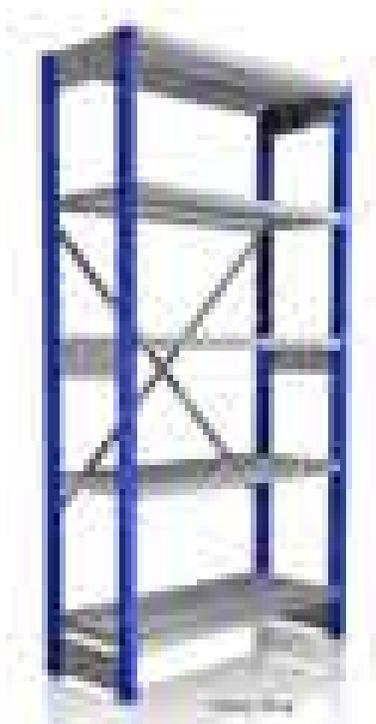


Bolts Free Shelvings



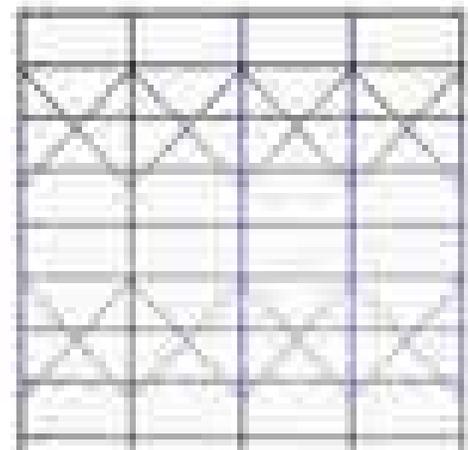
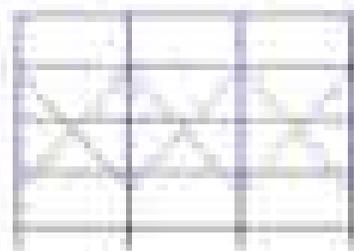
Cross Bracing set

Cross bracing set provides an increase in the stability and supported capacity of the shelving. This set consists of two sets of four of the supports to replace and extend the main.



Number of cross bracing

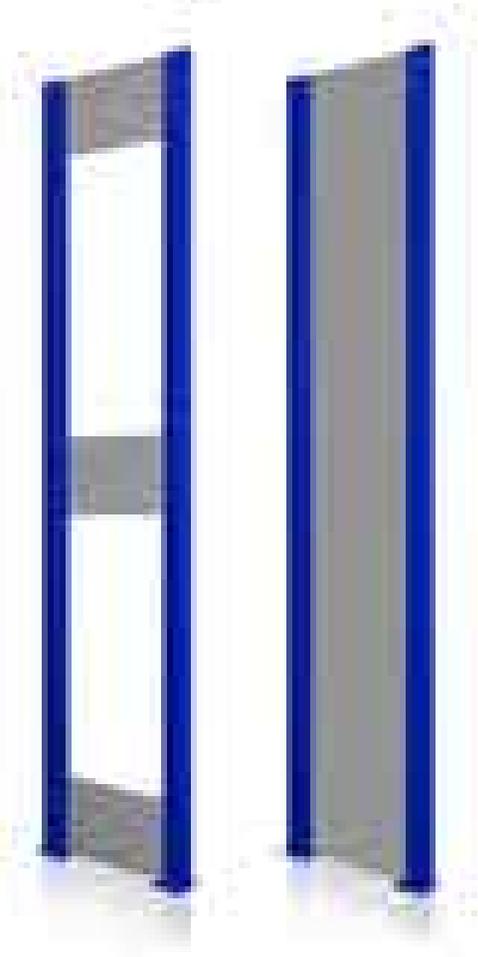
The number of cross bracing sets is variable, depending on the height, the number of shelves and load capacity. The number sets that should be used should be determined by the customer.



Bolts Free Shelvings

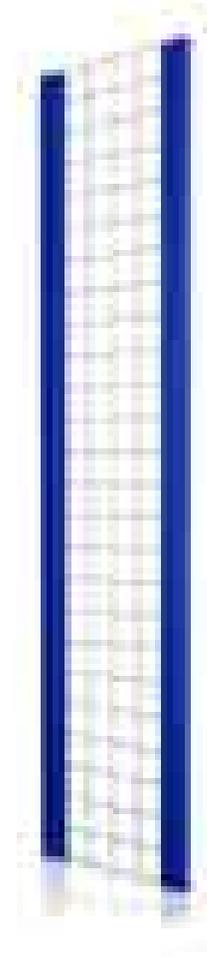
Frames with central metal panelling

These are commonly used in shops, warehouses, and other commercial premises. They are made of heavy-duty metal and are designed to be bolt-free. They are available in a range of heights and widths.



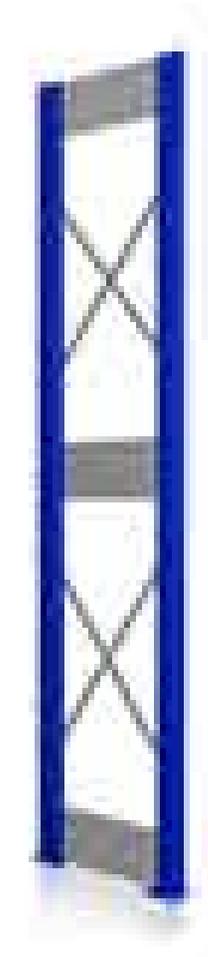
Frames with metal wiremesh

These prevent goods from falling off the side as well as allowing a lateral view of the products and providing better ventilation.



Frames with cross ties and diagonal

These are basic frames which, in addition to cross ties, include crossed diagonals to increase the level of rigidity in frames in considerable height.



Frames (Upright)

These are commonly used in shops, warehouses, and other commercial premises. They are made of heavy-duty metal and are designed to be bolt-free. They are available in a range of heights and widths.

Footplates

Suitable for heavy load, as they distribute the weight over the floor.



Bolts Free Shelvings



Step 1: Insert the shelf into the support structure.



Step 2: Insert the shelf clip into the corner of the shelf.



Step 3: The shelf is now fully seated on the support structure.



Shelf

Shelf Clip Support



Mobile Shelvings



Mobile Shelvings Storage



Mobile shelving units provide excellent storage solutions in a well-organized, flexible environment. They are ideal for libraries, archives, and other organizations that require large amounts of storage space.

Structure is made of high quality metal in powder coated finish. Each unit is equipped with heavy-duty casters for easy movement. The structure is made of 100% steel. It comes in various configurations and sizes.

Each unit is equipped with multiple shelves. The shelves are fully adjustable and can be moved up or down to suit the needs. The shelves are made of high quality metal and are designed for long-lasting use. The shelves are also equipped with a locking mechanism to prevent theft.

Key features are:

Adjustable in height (fixed)

Each unit is equipped with heavy-duty casters for easy movement

Each unit is equipped with a locking mechanism to prevent theft

It is possible to move the units in and out of the aisles

It is possible to move the units in and out of the aisles



Mobile Shelvings Storage



It is a set of shelving units which are on casters which allow them to move along rails. Usually, they are used to store books and documents of the projects and sometimes on staff in a library setting.

Advantages

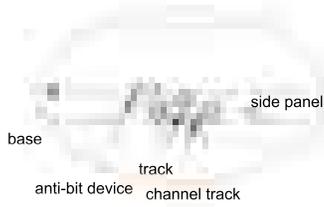
- Cost saving process in a library management.
- Can be placed in the available space.
- Good quality of steel material.
- Can be the storage of a lot of books and documents.
- After the clients need a book they can find it by opening the unit.
- Easy to be maintained by the staff.



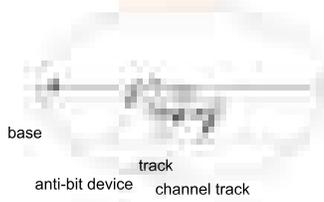
Mobile Shelvings Storage



Design of track



section drawing of side panel cover model



section drawing of embedded track

smooth the floor
channel track
track



insert both ends of H profile steel into load wall

section drawing of enhanced support

Components of mobile shelvings



Mezzanine floor Storage



Mezzanine Floor Storage



Mezzanine Floor are essential to most modern warehouse, factories, and other industrial facilities. Used to storage goods or create additional work or areas, they incorporate features such as cat ladders for access, parcel chutes, and pallet gates.

Our Expert have extensive knowledge in all forms of structural floor. Taking the project on board, we carry out a full site survey, provide you with working CAD drawing, we can also handle all building regulations- a legal requirement for any mezzanine floor, and planning application to local authorities.



Mezzanine Floor Storage



Mezzanine Storage allows you to utilize overhead space for additional offices, record archival or general storage. The key benefit of it is the ability to create new space fast and efficiently.



Mezzanine Floor Storage



Mezzanine storage are suspended or supported floors erected within a building. A mezzanine floor provides additional work or storage space without adding to the building's original footprint something for nothing almost! This storage contains information on industrial and commercial/ retail mezzanine floor, and the options available. There is a mezzanine floor application library, featuring installations in many industry sectors and geographical regions. You will see who is buying red floor and what they think of it You can also find details of relevant building regulations and safety standards, a mezzanine floor gallery, and various downloadable brochures.



Mezzanine Floor Storage

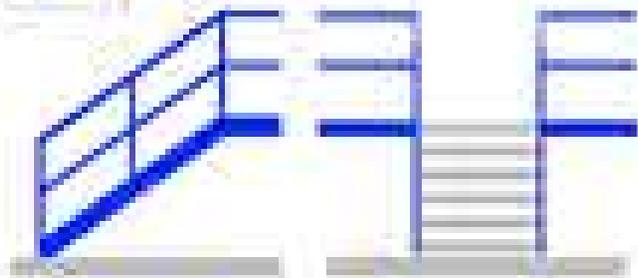
RFUPCO Staircases are made of galvanized steel with a powder coated finish. They are available in different heights and widths. They are designed to be used as a mezzanine floor. They are also available in different heights and widths. They are designed to be used as a mezzanine floor.

The type of staircase will be chosen on the customer's requirements. The staircase will be designed according to the height and width of the mezzanine floor and the location of the staircase (1 or 2 flights on the mezzanine floor).

The construction of the staircase will be according to the local standards and codes.



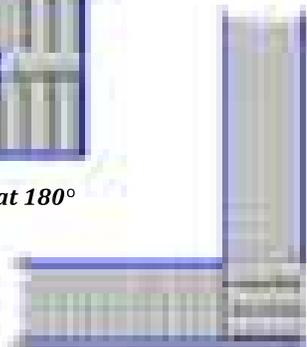
Staircase without landings



Staircase with landings



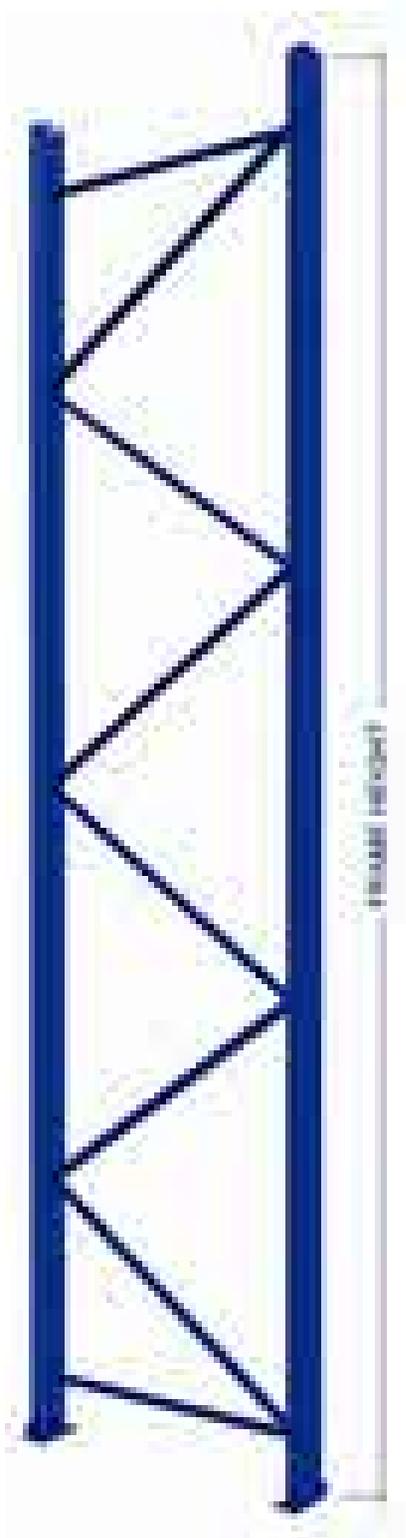
Two flights of stairs at 180°



Two flights of stairs at 90°



Mezzanine Floor Components



Frame (Upright)

These components are the vertical and horizontal members that support the mezzanine floor. They are made of steel or aluminum.



Beam

These are the horizontal and vertical components of the mezzanine floor that are supported by the frame. They are made of steel or aluminum.



Mezzanine Shelf (Galvanized)

These are the horizontal components of the mezzanine floor that are supported by the frame. They are made of galvanized steel or aluminum.



Shelves

These are the horizontal components of the mezzanine floor that are supported by the frame. They are made of steel or aluminum.



Mezzanine Platform Storage



Mezzanine Floor Storage



Installation of a mezzanine or elevated platform is one most economical ways to create additional storage space in a ware-house, distribution center or industrial or manufacturing facility where high ceiling exist. Storage mezzanine and elevated platforms allow storing uniform or odd-size parts,machinery, equipments, supplies or other bulk items at floor levels as well as above,nearly doubling the storage capacity of the available floor storage.



Mezzanine Platform Storage



Zigma System

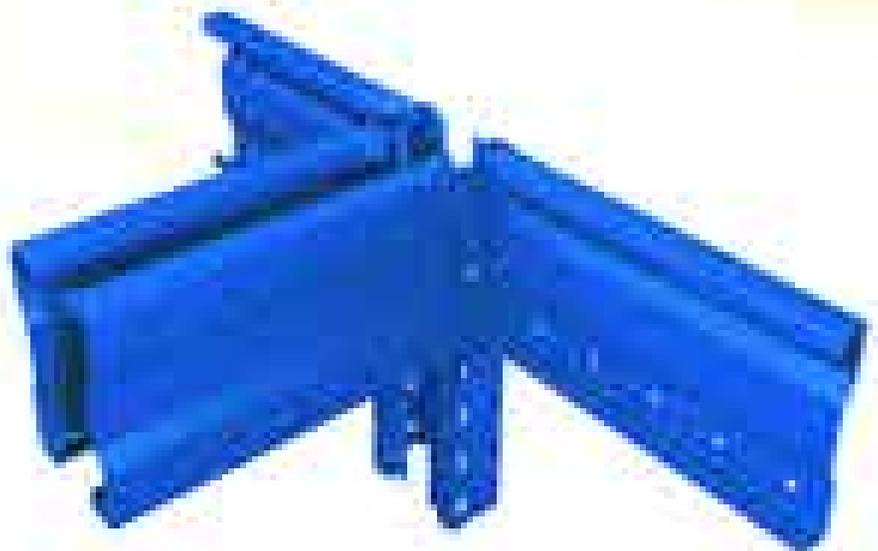
The Zigma System is a mezzanine storage system that provides a secure and stable platform for storing goods. It is designed to be easy to install and maintain, and it offers a high level of safety and security for your inventory.



Zigma Post



Zigma Beam



Mezzanine Galvanized Metal Floor

The Mezzanine Galvanized Metal Floor is a durable and long-lasting floor solution for your mezzanine platform. It is made of high-quality galvanized steel and is designed to provide a secure and stable surface for your inventory. It is also easy to clean and maintain, and it offers a high level of safety and security for your goods.

Longspan Shelving Storage



Longspan Shelvings Storage



Level composed of beams and shelves

Level composed of beams and shelves

Features of the shelving system

- High capacity
- Easy to install and dismantle
- Wide range of load capacity
- Wide range of height and depth
- Easy to use

The shelving system is designed to provide a high capacity storage solution for a wide range of applications. The shelving system is made of high quality steel and is designed to be easy to install and dismantle. The shelving system is also designed to be easy to use and maintain.

Longspan Shelvings Storage



Storage system for manual picking of products following the "man to goods" principle.



Main Benefits are:

- Possibility of storing medium to heavy loads
- Adjusting between multiple level of 25 or 50mm, depending on the construction system used.
- Racks up to 20m high can be built.
- Possibility of installing one or several gangways to gain access to upper levels
- Easy assembly
- Excelent mobility

Longspan Shelving Storage



Longspan Shelvings Storage



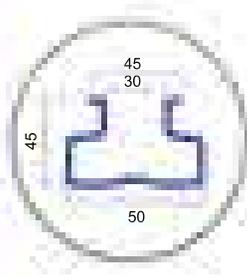
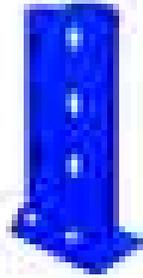
Light duty rack is the most popular series and best selling product, it has found wide application in industrial, institutional commercial and many fields.



Longspan Shelvings Components



The most regularly used construction systems are made of beams and shelves or by shelves and supports.



Upright

The upright is the vertical component of the shelving system. It is made of heavy-duty steel and is designed to support the weight of the shelves and the load on the shelves. The upright is available in different heights and widths to suit different shelving systems.

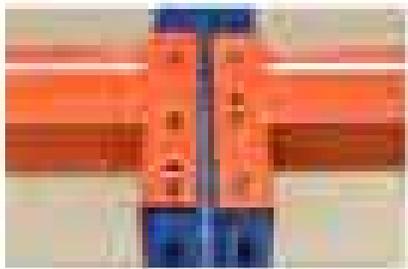
Shelves

Shelves are the horizontal components of the shelving system. They are made of heavy-duty steel and are designed to support the weight of the load on the shelves. Shelves are available in different lengths and widths to suit different shelving systems.

Galvanized



Metal Coil



Beam

The beam is the horizontal component of the shelving system. It is made of heavy-duty steel and is designed to support the weight of the shelves and the load on the shelves. The beam is available in different lengths and widths to suit different shelving systems.



Footplate

The footplate is the base component of the shelving system. It is made of heavy-duty steel and is designed to support the weight of the upright and the load on the shelves. The footplate is available in different heights and widths to suit different shelving systems.

Very Narrow Aisle (VNA)



Very Narrow Aisle (VNA)



Standard Pallet Rack Configuration



Very Narrow Aisle Rack Configuration

Very Narrow Aisle (VNA)



Double Deep Pallet Rack



Double Deep Pallet Rack



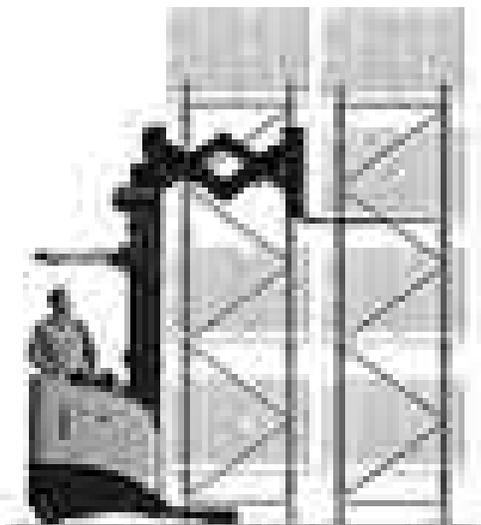
Facts about Double Deep Pallet Racking System

- Lower beam level required for some types of equipments
- Operates up to height of 10m
- Average stock rotation
- Average order picking, 50% selectivity
- Average Floor area utilization 40% net pallet area usage of overall warehouse area
- Redundancy rates can run between 10-20% dependant on the quality of the WMS programme
- Popular against Drive-in Racking, as a lower cost alternative which increase capacity over selective by up 30%
- Recommend the use of pallet rails or pallet support bars above 4m. to increase MH productivity and improve safety of the operation.
- Recommend to use colum protectors when using MH equipment that requires the straddle leg to go below bottom beam or between pallets and upright
- Mechanical Handling Equipment
 1. Specialist machine with either pantograph or telescopic forks, or using a purpose designed attachment, which can be fitted to standard reach truck.

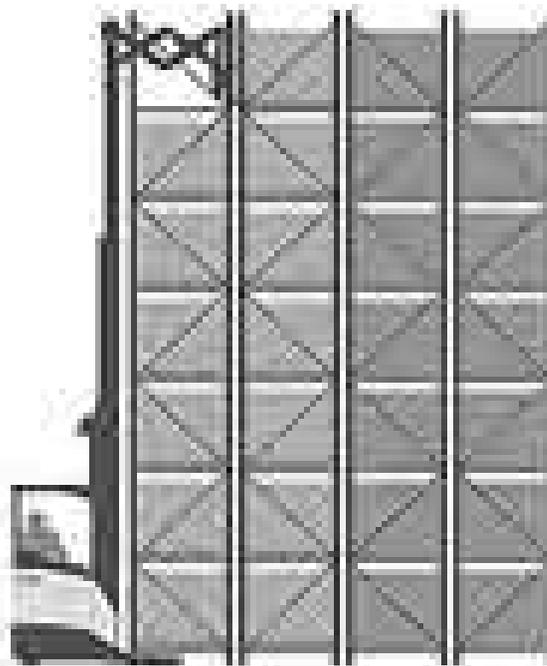
Double Deep Pallet Rack

TOP 5 Benefits of Double Deep Racking

1. Utilizes the full floor space with a great aisle width.
2. Efficient storage system to reduce the risk of product damage.
3. Deep aisles that support forklifts in pallet deep.
4. Long, narrow aisles that allow for easy access to inventory.
5. Efficient inventory management.



Double -Deep Against wall

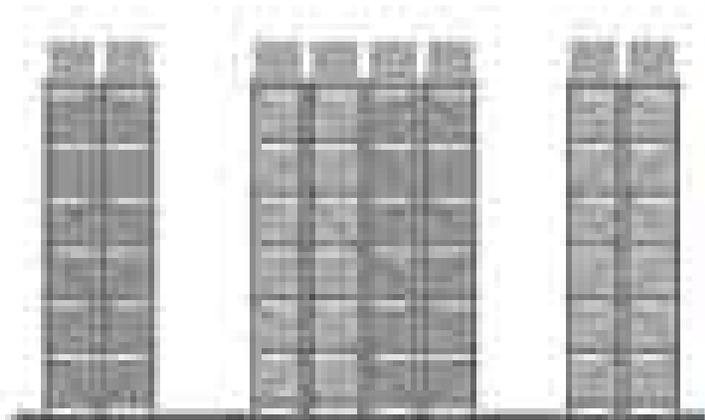


Double -Deep Back-to-back

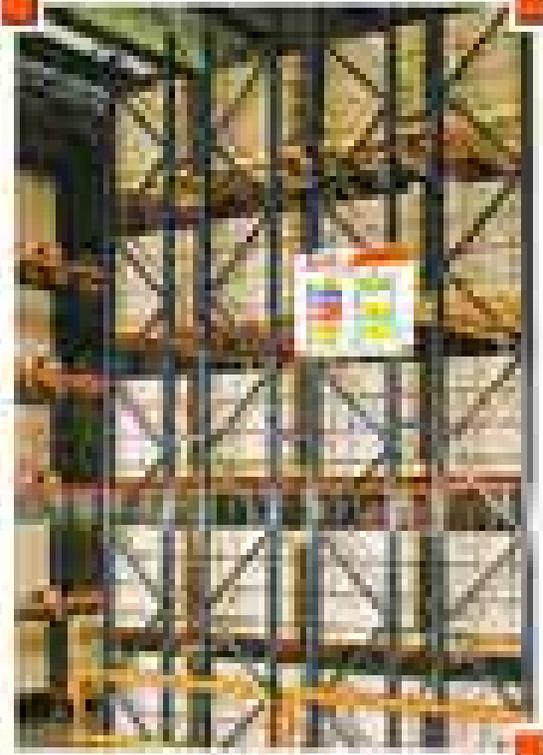
Double Deep Pallet Rack

The **Double Deep** loading system is designed for maximum storage capacity. Double deep loading enables up to two pallets of most load profiles to be stored on any one level. The design also allows for the storage of two pallets deep on double deep racks. Most double deep racks are also designed to allow for the storage of two pallets deep on double deep racks.

This design is particularly beneficial when the dimensions of the pallets are not standard. It allows for the storage of two pallets deep on double deep racks. This design is particularly beneficial when the dimensions of the pallets are not standard. It allows for the storage of two pallets deep on double deep racks.



Side Elevation



Cantilever Rack Storage



Cantilever Rack Storage

Cantilever Rack

Easy to build and reconfigure

Quickly gets your storage organized

Frames capacities up to 1750kgs

Arms carry loads up to 185kgs

Single or double sided configuration

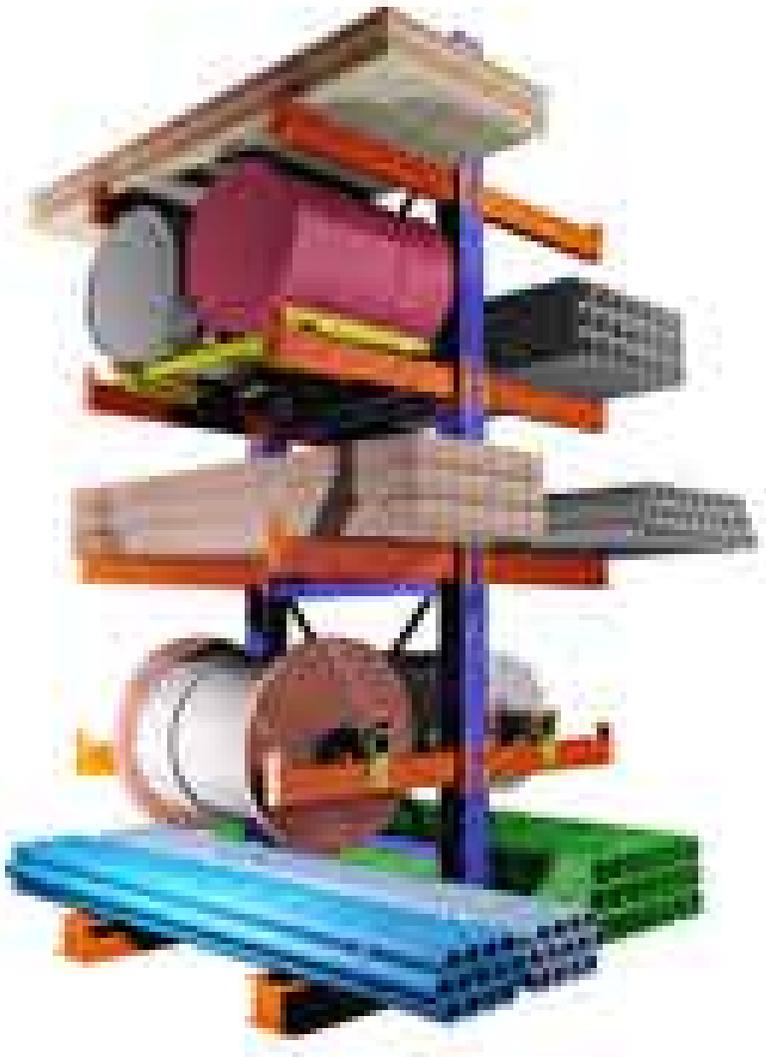
Frames available in 8 heights, 4 depths

Optional end stops available

Secure any loose items from falling off

Strong powder coating finish

Blue & Grey (RAL 5010) standard finish with other finishing options



Cantilever for dram tank



Cantilever for cable roll



Cantilever for lumber

Cantilever Specification



Cantilever racking is specially designed to store long loads such as beams, profiles, pipes and timber

Cantilever storage is widely used to store and protect the storage materials such as building materials and other items with long length, thereby saving space.

They are also used primarily in the storage and building materials such as timber and other storage materials such as bricks and all associated materials.



Supermarket Shelvings



Supermarket Shelvings



Supermarket Shelvings



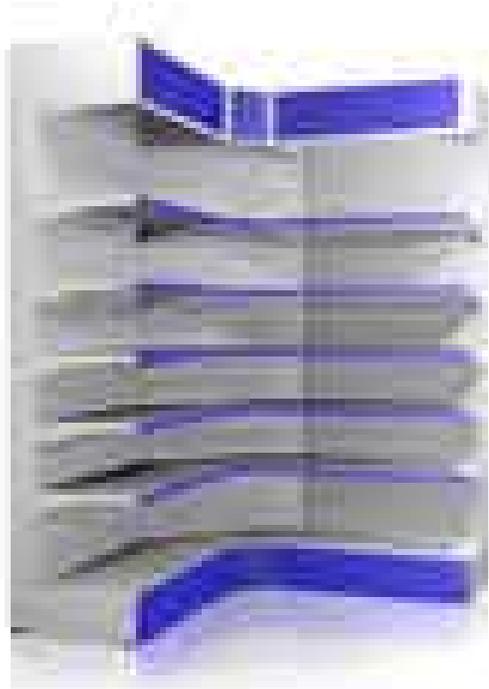
Supermarket Shelvings



Hypermarket shelvings



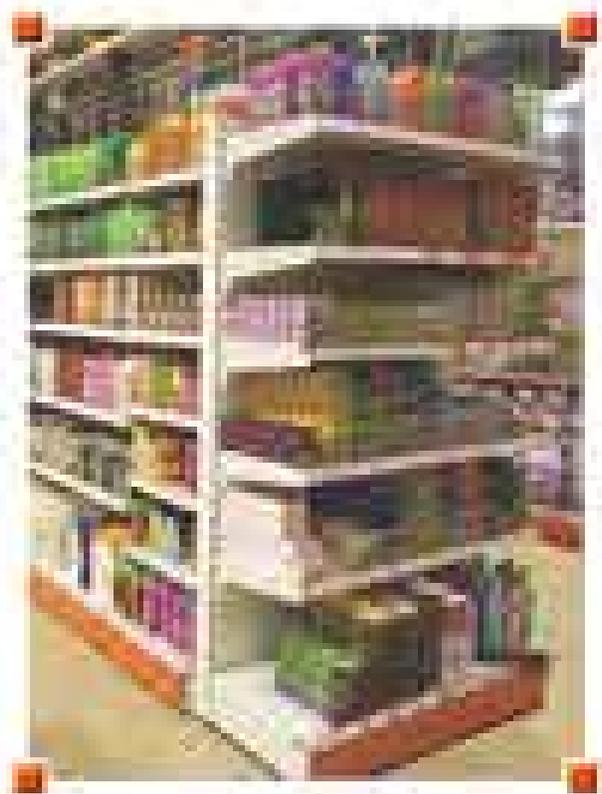
Hypermarket Shelvings



Hyper market corner wall gondola



Hypermarket island gondola



Supermarket Shelvings



| RFUFCO Supermarket Shelving | | | |
|-----------------------------|----------|-------|--------|
| Model | Material | Color | Weight |
| RFUFCO-001 | Steel | Grey | 150kg |
| RFUFCO-002 | Steel | White | 150kg |
| RFUFCO-003 | Steel | Black | 150kg |
| RFUFCO-004 | Steel | Grey | 150kg |
| RFUFCO-005 | Steel | White | 150kg |
| RFUFCO-006 | Steel | Black | 150kg |
| RFUFCO-007 | Steel | Grey | 150kg |
| RFUFCO-008 | Steel | White | 150kg |
| RFUFCO-009 | Steel | Black | 150kg |
| RFUFCO-010 | Steel | Grey | 150kg |
| RFUFCO-011 | Steel | White | 150kg |
| RFUFCO-012 | Steel | Black | 150kg |
| RFUFCO-013 | Steel | Grey | 150kg |
| RFUFCO-014 | Steel | White | 150kg |
| RFUFCO-015 | Steel | Black | 150kg |



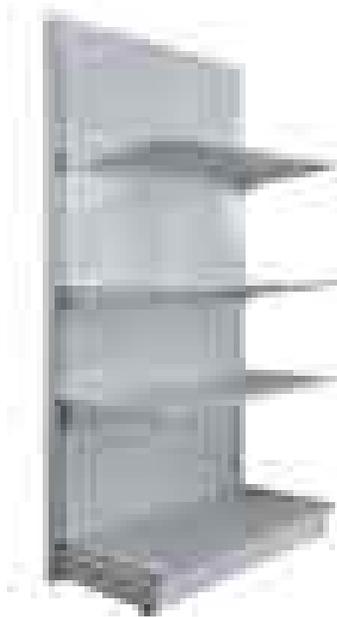
| RFUFCO Supermarket Shelving | | | |
|-----------------------------|----------|-------|--------|
| Model | Material | Color | Weight |
| RFUFCO-016 | Steel | Grey | 150kg |
| RFUFCO-017 | Steel | White | 150kg |
| RFUFCO-018 | Steel | Black | 150kg |
| RFUFCO-019 | Steel | Grey | 150kg |
| RFUFCO-020 | Steel | White | 150kg |
| RFUFCO-021 | Steel | Black | 150kg |
| RFUFCO-022 | Steel | Grey | 150kg |
| RFUFCO-023 | Steel | White | 150kg |
| RFUFCO-024 | Steel | Black | 150kg |
| RFUFCO-025 | Steel | Grey | 150kg |
| RFUFCO-026 | Steel | White | 150kg |
| RFUFCO-027 | Steel | Black | 150kg |
| RFUFCO-028 | Steel | Grey | 150kg |
| RFUFCO-029 | Steel | White | 150kg |
| RFUFCO-030 | Steel | Black | 150kg |



Island Gondola w/ Hole Back Panel



Island Gondola



End Gondola

Supermarket Shelvings

Standard Dimensions of the Shelving

The Standard dimensions for shelving are presented in the following table:



Suspended Shelf



| Shelf Depth (mm) | Shelf Width (mm) | Shelf Height (mm) |
|------------------|------------------|-------------------|
| 400 | 1200 | 100 |
| 400 | 1500 | 100 |
| 400 | 1800 | 100 |

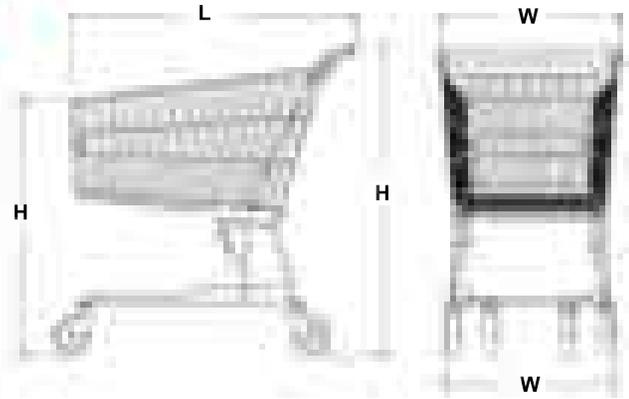


Base Shelf



| Shelf Depth (mm) | Shelf Width (mm) | Shelf Height (mm) |
|------------------|------------------|-------------------|
| 400 | 1200 | 100 |
| 400 | 1500 | 100 |
| 400 | 1800 | 100 |

Supermarket Shopping Trolley



Supermarket Trolley Standard Size

| Model | Material | Capacity (kg) | Dimensions (L x W x H) |
|-------|----------|---------------|------------------------|
| ST-01 | Steel | 150 | 1100 x 600 x 1100 |
| ST-02 | Steel | 100 | 900 x 500 x 1000 |
| ST-03 | Steel | 120 | 1000 x 550 x 1050 |
| ST-04 | Steel | 180 | 1200 x 650 x 1150 |
| ST-05 | Steel | 140 | 1050 x 580 x 1080 |
| ST-06 | Steel | 160 | 1150 x 620 x 1120 |
| ST-07 | Steel | 130 | 1000 x 550 x 1050 |
| ST-08 | Steel | 110 | 900 x 500 x 1000 |
| ST-09 | Steel | 170 | 1150 x 620 x 1120 |
| ST-10 | Steel | 190 | 1250 x 680 x 1180 |

- Special construction suitable for heavy use and long life.
- All dimensions stated is provided for the purpose of reference.
- All prices are subject to change without notice.
- All prices are in US Dollars.



Supermarket Shopping Basket



RSB - 2001



RSB - 2002



RSB - 2003



RSB - 2004



RSB - 2005



RSB - 2006



RSB - 2007

Plastic Stacking Bin



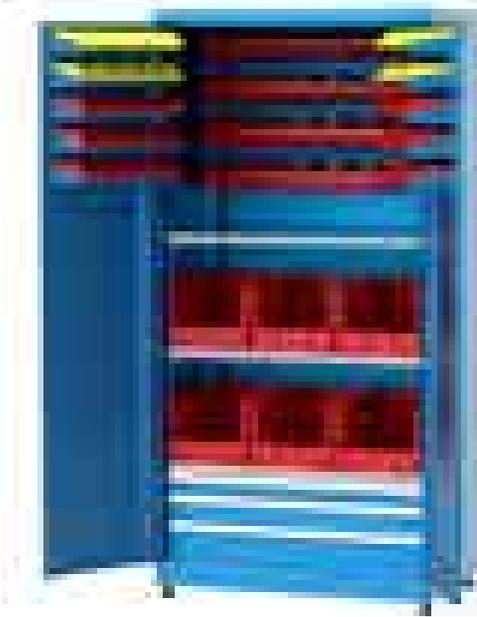
Plastic Stacking Bin



| Model | Length (mm) | Width (mm) | Height (mm) | Weight (kg) | Volume (m ³) | Capacity (m ³) |
|-------|-------------|------------|-------------|-------------|--------------------------|----------------------------|
| PLD | 180 | 300 | 75 | 1.0 | 0.004 m ³ | 0 |
| PLD | 340 | 510 | 100 | 1.8 | 0.018 m ³ | 0 |
| PLD | 260 | 400 | 100 | 1.0 | 0.010 m ³ | 0 |
| PLD | 260 | 400 | 150 | 1.5 | 0.015 m ³ | 0 |

| Plastic Bin Advantages | | | |
|--|--|---|--|
|  <p>CODE - 2250 size - 175x300x150</p> | <p>• High strength and durability • Easy to use • Stackable and nestable • Available in various colors • Suitable for various applications • Durable and long-lasting • Easy to clean and maintain • Available in various sizes and quantities</p> | |  <p>CODE - 2249 size - 102x170x74</p> |
|  <p>CODE - 2254 size - 340x510x250</p> |  <p>CODE - 2253 size - 340x510x200</p> |  <p>CODE - 2252 size - 260x400x200</p> |  <p>CODE - 2251 size - 260x400x150</p> |

Plastic Stacking Bin



CODE - 2258
Metal Cabinet with Bins



CODE - Stand 2261
size -1050 x 860 x 1800



RFUFCO is a leading manufacturer of plastic storage bins and shelving units. Our products are designed to provide a secure and organized storage solution for your business. The bins are made from high-quality plastic and are available in a variety of colors and sizes. The shelving units are made from heavy-duty metal and are designed to hold a large number of bins. RFUFCO products are used in a wide range of industries, including manufacturing, distribution, and retail. Our products are known for their durability, reliability, and ease of use. Contact us today to learn more about our products and how they can help you improve your storage system.

Plastic Box Bin Container



Plastic Box Bin Container

Size - 400mm x 600mm x 365mm



Size - 400mm x 600mm x 230mm



Size - 400mm x 600mm x 416mm



Size - 300mm x 400mm x 220mm



Size - 400mm x 600mm x 355mm



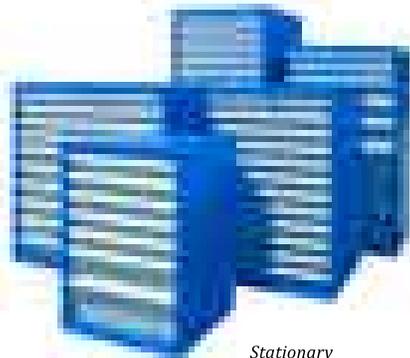
Size - 400mm x 600mm x 410mm



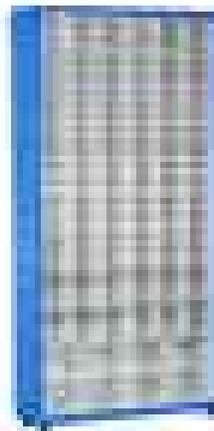
industrial Steel Cabinet & Trolley



*Stationary steel drawer
with filling rack*



*Stationary
Metal Drawer*



*Drawer Box Single
Sided Stand*



Hobby Stand



Metal Trolley with Drawers



*Table Office
Stationary Metal Drawer*

Industrial Steel Cabinet & Trolley



Code - 2259
Trolley with Drawers



Code - 2260
Trolley with Drawers



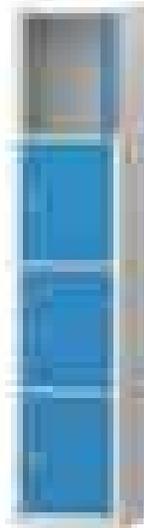
Code - 2271
Metal Trolley with Drawers



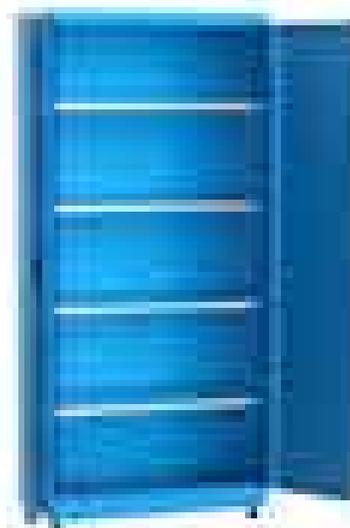
Code - 2270
Metal Trolley with Drawers



Code - 2263
Material Cabinet



Code - 2264
Locker Cabinet



Code - 2269
File Cabinet

Industrial Steel Ladder



Heavy Duty Rolling Ladder

RIL- 2035



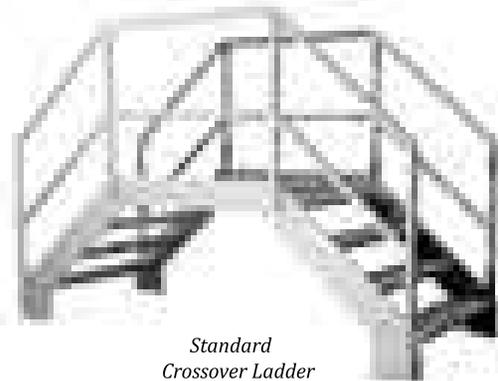
RIL- 2036



*Light Duty
multi-purpose Ladder*
RIL- 2037



Cantiliver Ladder
RIL- 2038



*Standard
Crossover Ladder*
RIL- 2039

Plastic Pallets



Plastic Pallet



Dynamic Load



Racking Load



Static Load



Plastic Pallet



| Dimensions | Standard color | Weight (kg) | Stack load | Static load (kg) | Dynamic (kg) |
|---------------|-----------------------------|-------------|------------|------------------|--------------|
| 1200x1000x140 | Standard Blue / Red / Green | 17.5 | 10000 | 10000 | 10000 |
| 1200x800x140 | Standard Blue / Red / Green | 13.5 | 7500 | 7500 | 7500 |



Hand Pallet Specification



Specifications:

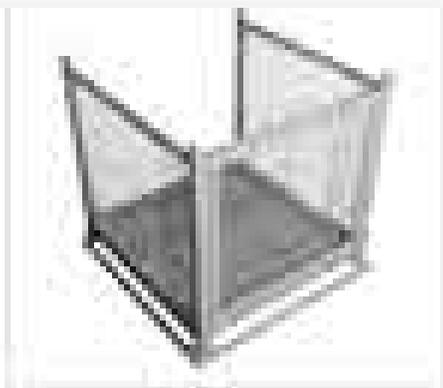
- Max.Capacity = 2,500kgs.
- Lowered Fork Height = 85mm
- Total Lift Height = 1220mm
- Handle Less Height = 460mm
- Fork Length = 1150mm
- Overall Fork Width = 540mm

Steel Pallet Container

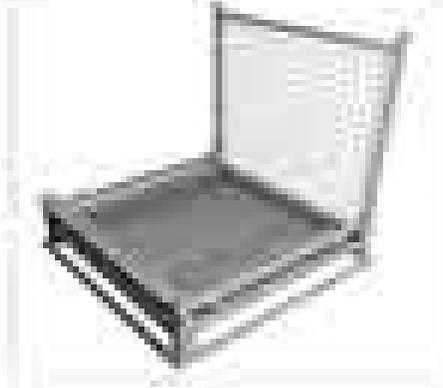


Folding pallet container

Step 1



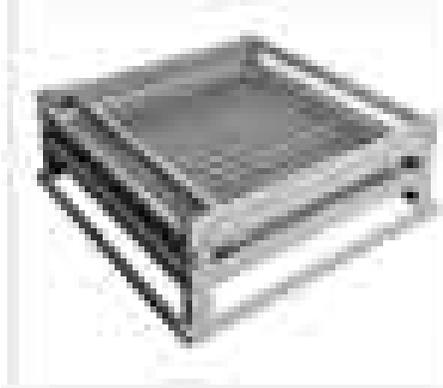
Step 3



Step 2



Step 4



Steel Pallet



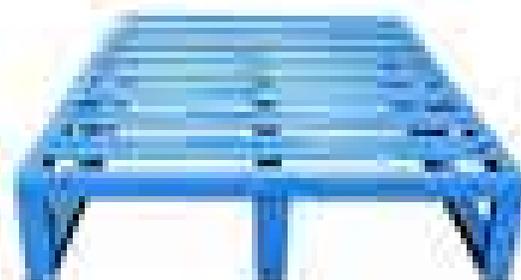
RSP-101



RSP-102



RSP-103



RSP-104

Industrial Steel Pallet Container



RISPC-2007



RISPC-2008



RISPC-2009



RISPC-2010



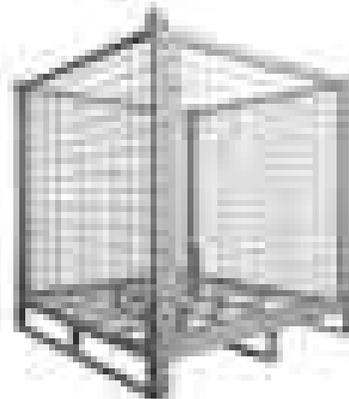
RISPC-2012



RISPC-2013



RISPC-2014



RISPC-2015

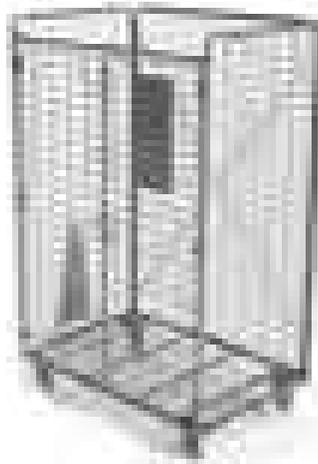


RISPC-2016

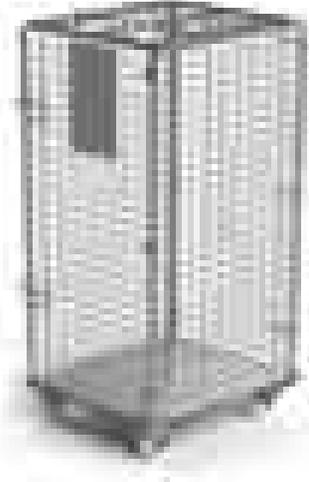
Push Cart Roll Container



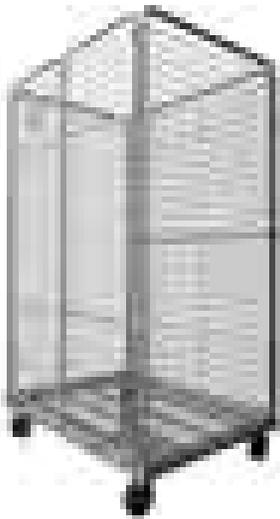
RPCRC- 2017



RPCRC- 2018



RPCRC- 2019



RPCRC- 2020



RPCRC- 2021



RPCRC- 2022



RPCRC- 2023



RPCRC- 2024



RPCRC- 2025

Industrial Push Cart



RPC-2026



RPC-2027



RPC-2028



RPC-2029



RPC-2030



RPC-2031



RPC-2032



RPC-2033



RPC-2034

Chrome Hanging & Shelving System



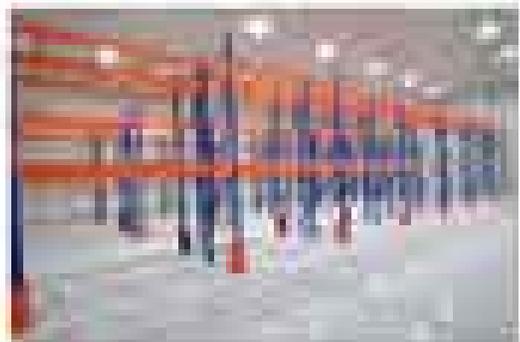
Some of Finish Project



Some of Finish Project



Some of Finish Project



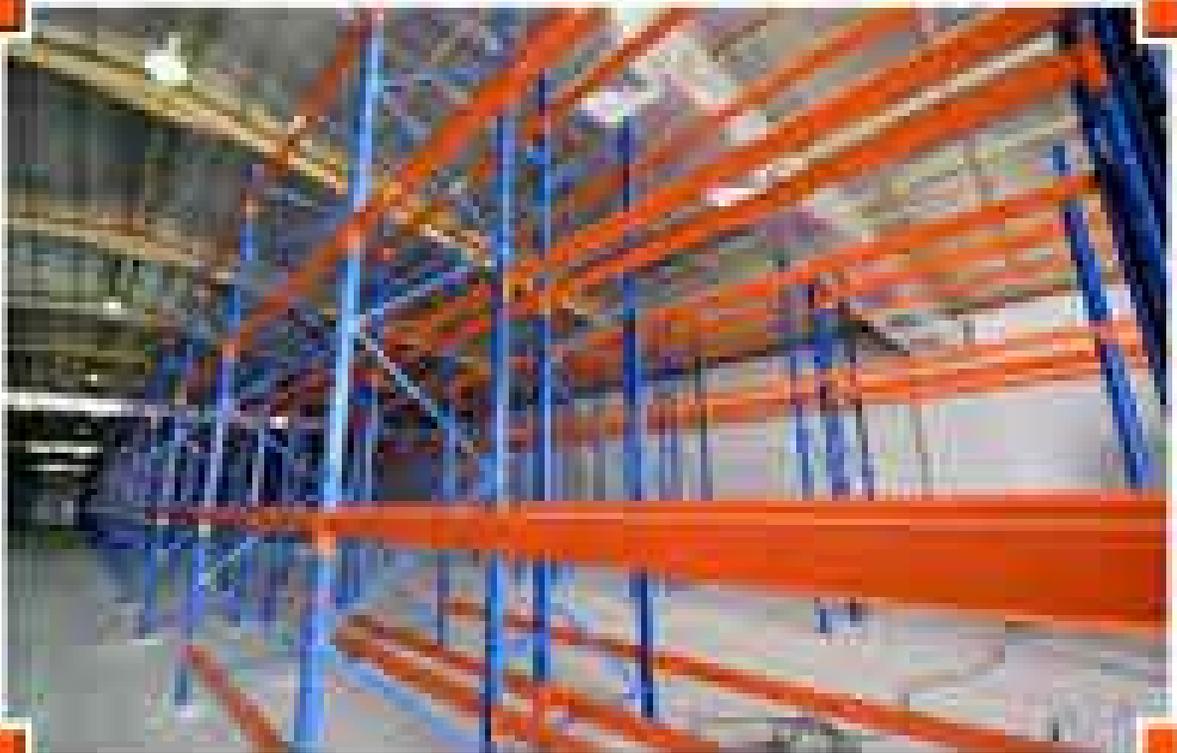
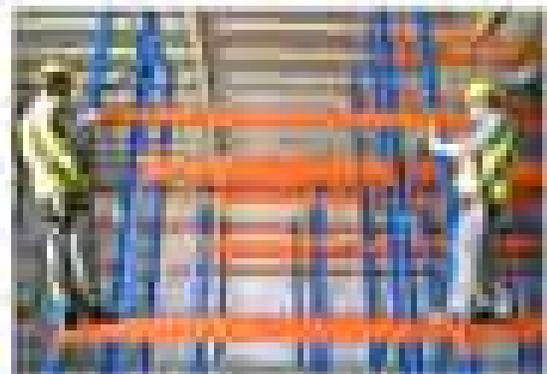
Some of Finish Project



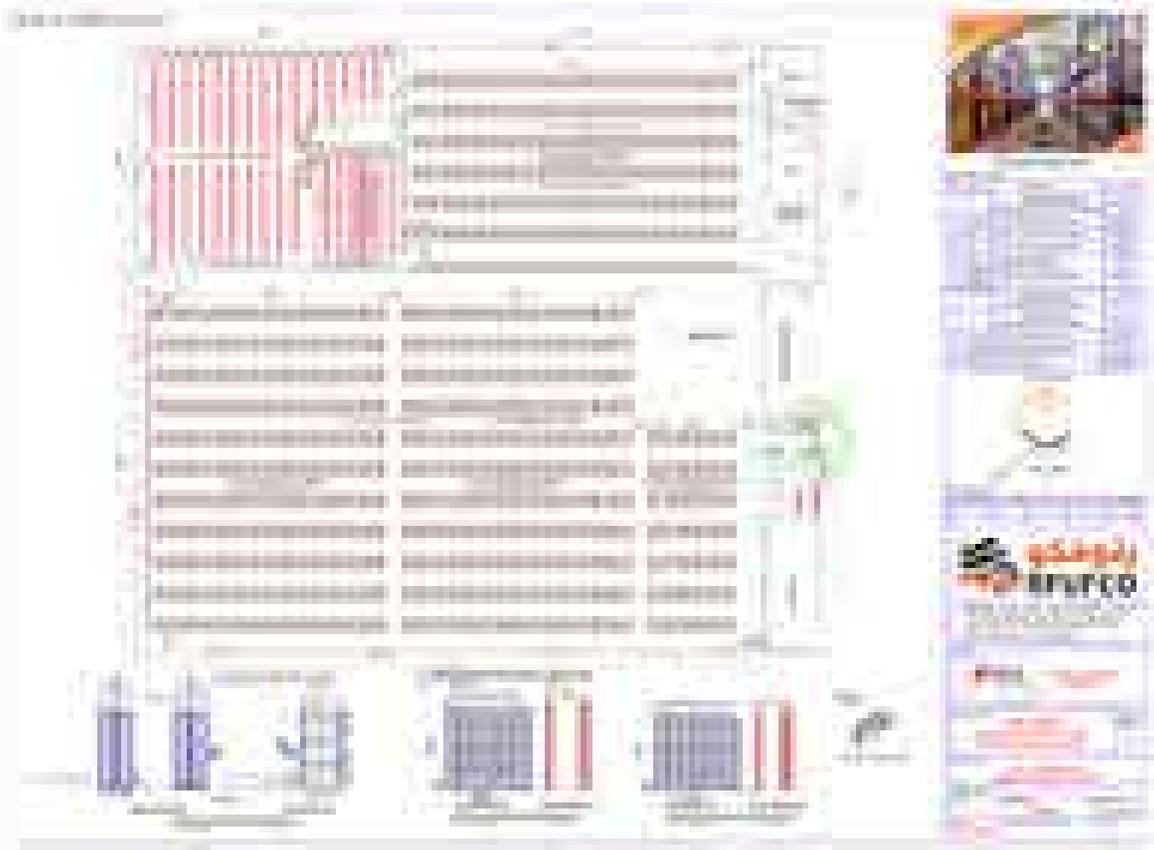
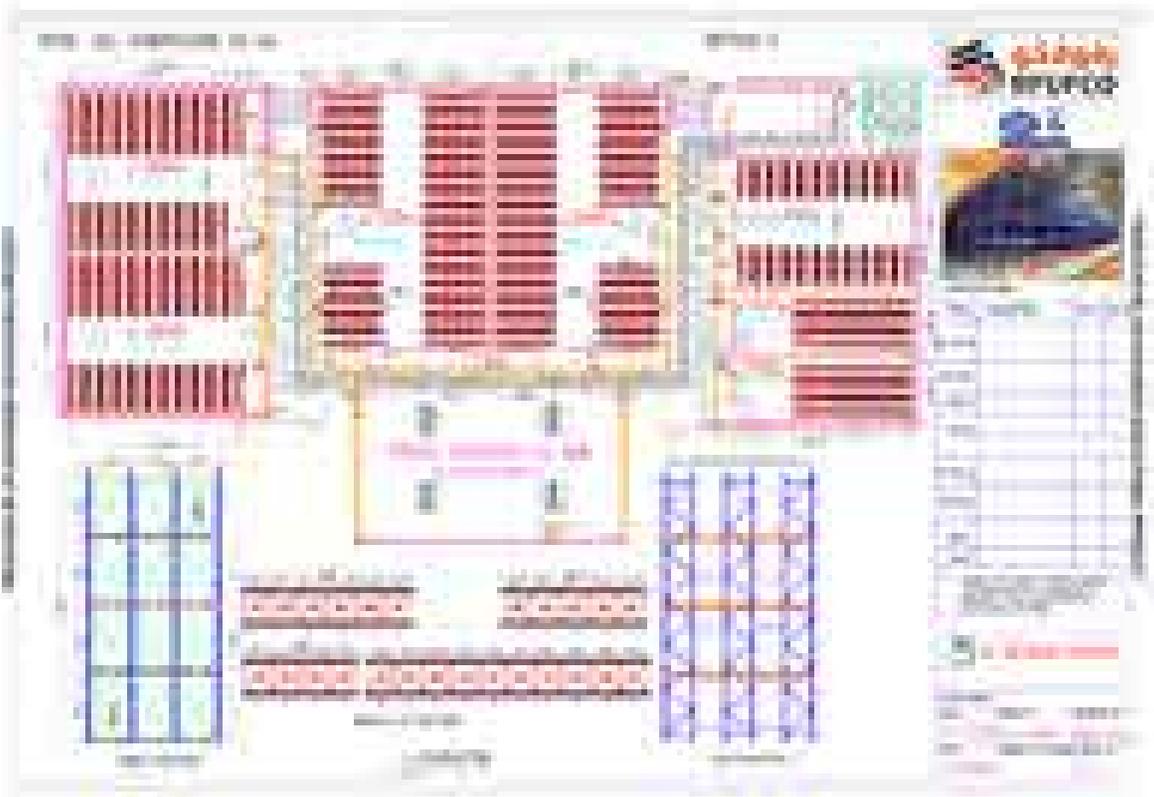
Some of Finish Project



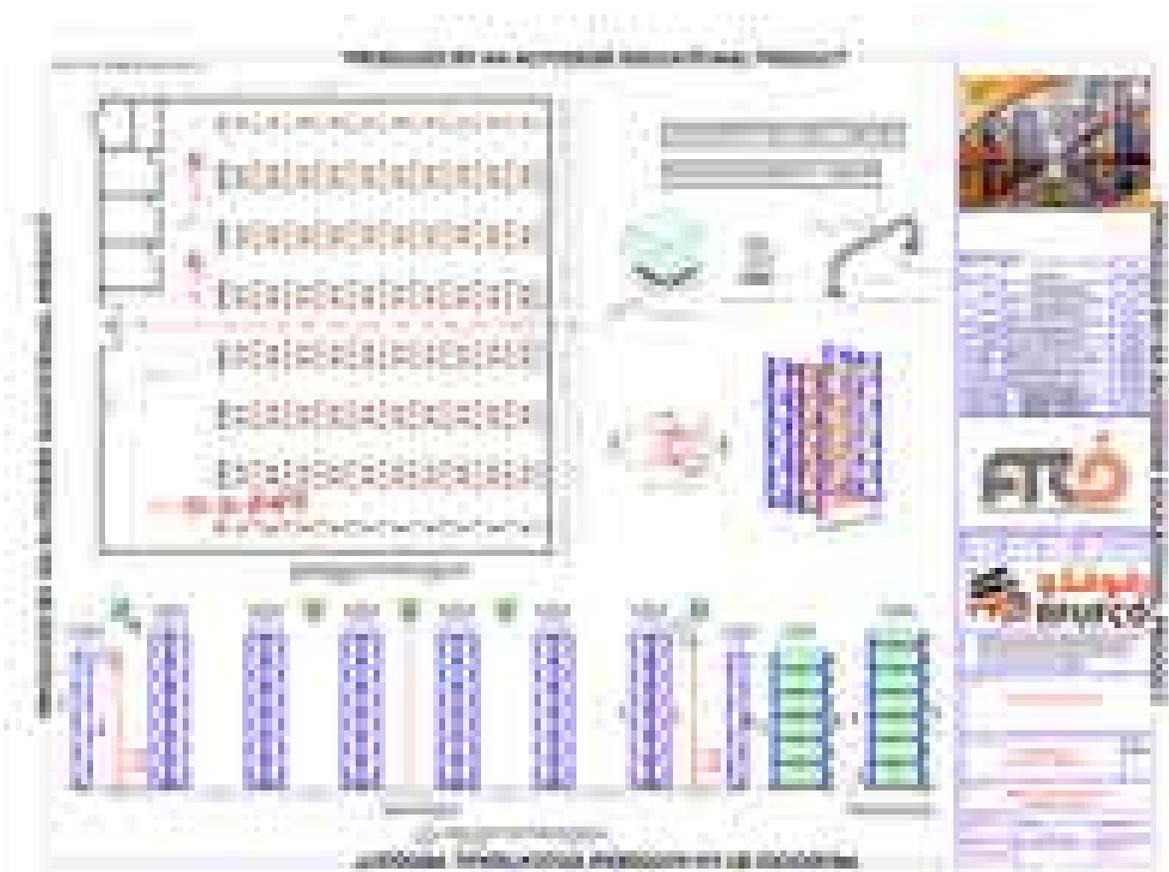
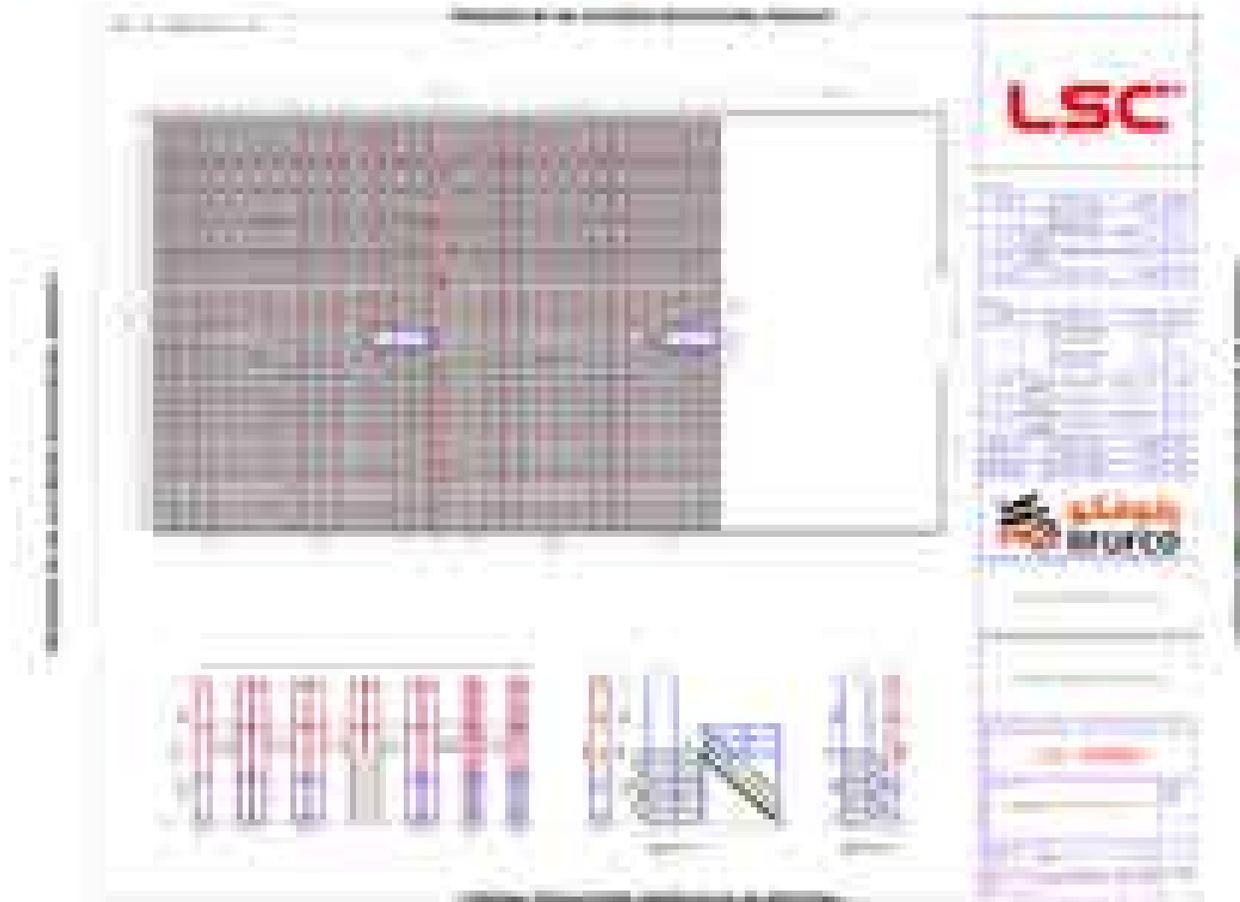
Some of finish project fixing



Some of Project Autocad Layout



Some of project Autocad Layout



Guns Racking Storage



Gun Racking Storage



Isometric view



Single Sided Stand



Double Sided Stand

Promotional Display Stand



Promotional Display Stands



RFS - 001



RFS - 002



RFS - 003

Promotional Display Stands



RFS - 004



RFS - 005



RFS - 006



RFS - 007



RFS - 008



RFS - 009



RFS - 010



RFS - 011



RFS - 012

Promotional Display Stands



RFS - 013



RFS - 014



RFS - 015



RFS - 016



RFS - 017



RFS - 018



RFS - 019



RFS - 020



RFS - 021

Promotional Display stands



RFS - 022



RFS - 023



RFS - 024



RFS - 025



RFS - 026



RFS - 027



RFS - 028

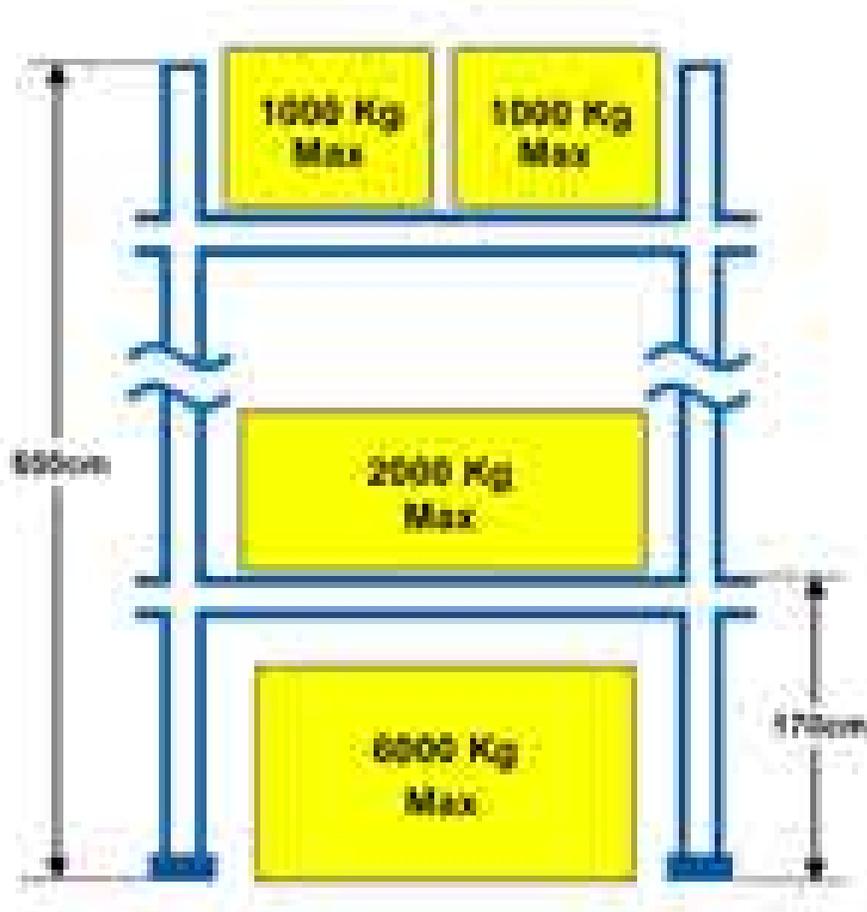


RFS - 029



RFS - 030

Interlock Racking Load Notice



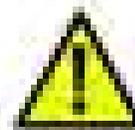
Do not exceed the maximum load capacity of the racking system. Always use the correct stacking method to ensure stability.



**DO NOT CLIMB
PALLET RACKING**



Report all damage to the racking system immediately.



Refer to BS5834 Code of Practice for the Use of Steel Pallet Racking



Do not use the racking for purposes other than those intended.



If in doubt Always Contact Supplier

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