

**SADR سادر**

Logistics Services

للخدمات اللوجستية

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## An Overview

We are SADR LOGISTIC Co. for Material Handling and Storage Solutions. Our name is synonymous with supreme quality.

We are a part of Al Samaani Industrial Group affiliated with one of the biggest and most active groups in the Saudi Market and Achieved remarkable progress and growth in the respective field.

Our factory manufactures and supplies all types of pallets (steel, wooden and plastic) and shelvings for a variety of solutions for material handling and storage. As a specialized Saudi Industrial group, our products are 100% Saudi manufactured and we guarantee the quality of our products by applying the principle of Total Quality Management (TQM).





## QUALITY CERTIFICATE



**منشآت**  
monsha'at  
development, construction

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تشهد الهيئة العامة للمنشآت الصغيرة والمتوسطة "منشآت" بأن المنشأة المذكورة أعلاه تندرج من ضمن المنشآت الصغيرة والمتوسطة وفقاً للتعريف المعتمد لدى "منشآت"

يتم التحقق من الشهادة من خلال موقع منشآت

<https://profile.manchast.gov.xa/validate>

هذه الشهادة من الوثائق الحكومية الرسمية، ولا يجوز تداولها أو استعمالها إلا في حدود الأغراض التي أصدرت لأجلها، ويحظر قطعياً نقلها أو إدخال أي تعديلات عليها سواء بالإضافة أو الحذف أو التغيير في بياناتها أو غير ذلك من أنواع التعديل. وتعد هذه الشهادة دليلاً إذا ما فيها شيء من ذلك، كما تعرض من ارتكب أي مما سبق إلى الملاحقة النظامية أمام الجهات المختصة دون الإخلال بما نص عليه الأنظمة ذات العلاقة.

١ يجب التحقق من خلال رابط موقع منشآت عن صلاحية الشهادة حيث أنه يتم التحديث بشكل دوري



## Our Values

Pride – Quality – Creativity -Excellence – Reliability – Loyalty – Flexibility – Profitability –  
Commitment – Transparency

## Our Mission

Providing the best suitable solutions in material handling and storage as an effort to achieve the international standards with quality and to be the pioneers in the gulf market.

## Our Vision

We add experience and values to solidify our brand and to be pioneers with our products. We aim to provide the best solutions to fulfill the requirements of our clients in our expertise field, by adhering strictly to the standards of quality, and of health and safety.





## Automation Racking



## AUTOMATED STORAGE & RETREIVAL SYSTEMS (AS/RS)

AS/RS combines equipment and controls to handle, store, and retrieve materials with precision, accuracy and speed. A system enables companies to recapture floor space, improve efficiency and ensure inventory control. Loads are moved vertically and/or horizontally in the aisle and then laterally to place the load in a storage location. Al Samaani automated storage and retrieval systems vary in sophistication from simple order-picking machines operating in small storage structures to fully-automated, systems that are integrated into complex manufacturing, distribution or warehousing processes. AS/RS is effective for staging in a lean inventory operation.

The key benefits realized from the implementation of an Automated Storage and Retrieval System are:

- Regained floor space
- Streamlined, high-speed storage/retrieval
- Improved throughput
- Inventory accuracy and control
- Increased productivity



## WAREHOUSE

### SOFTWARE

#### SADR LOGISTICS

warehouse software empowers you to optimize workflow and gain real-time control of your inventory. We offer software products that meet the needs of the large, high-volume fully-automated warehouse and the small, traditional warehouse.



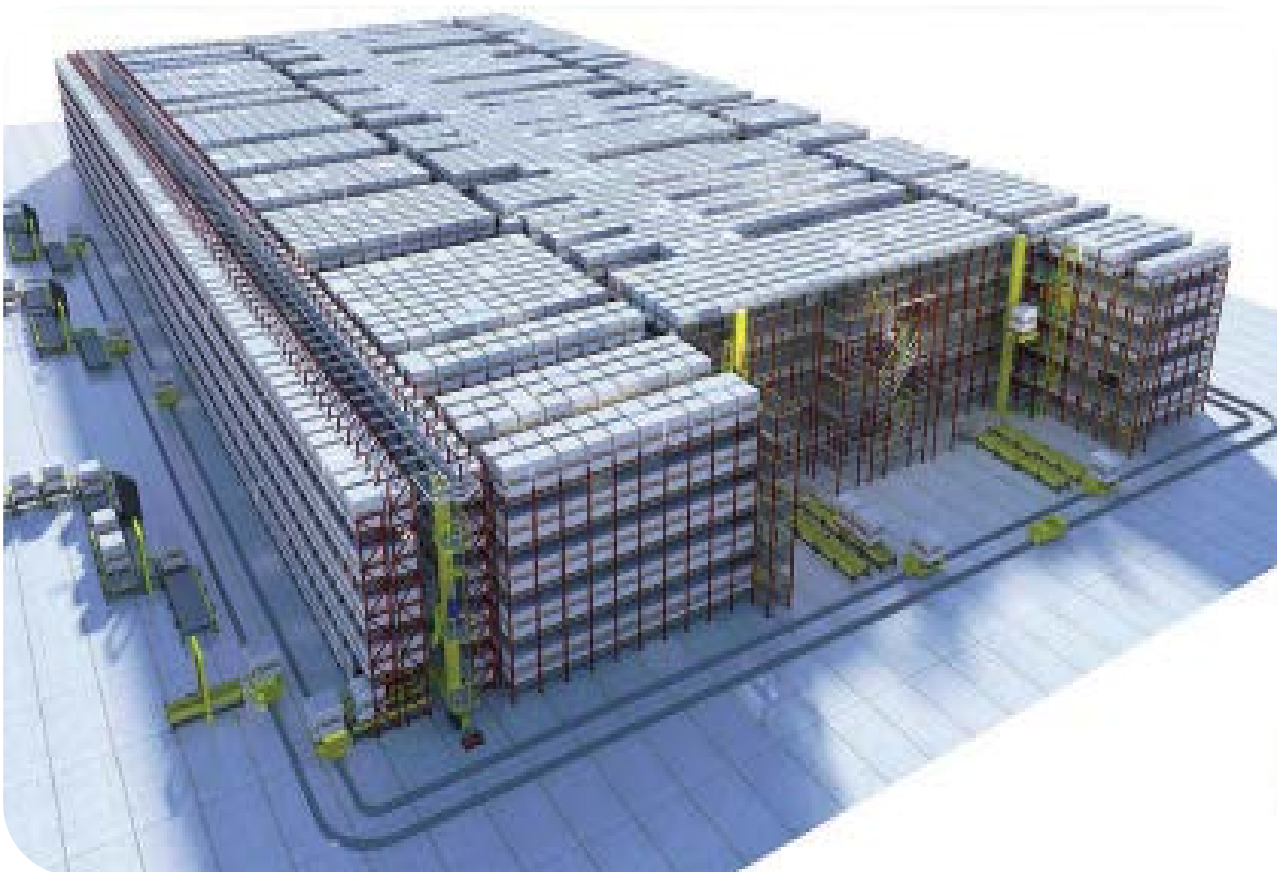


## Warehouse Management System

**SADR LOGISTICS** warehouse management system (WMS) is inventory management software that provides real-time control of inventory, labor, and equipment in a warehouse. WMS guides the receipt, storage, picking, cycle counting of inventory and shipping of goods. It efficiently schedules equipment and resources, requires barcodes for inventory accuracy, keeps productivity measurements and is user-friendly.

## Warehouse Control System

**SADR LOGISTICS** warehouse control system (WCS) controls any kind of material handling equipment. It manages all routing control by tracking movement of inventory with established operational rules. It can be used as a stand-alone system or can be interfaced with a WMS system.

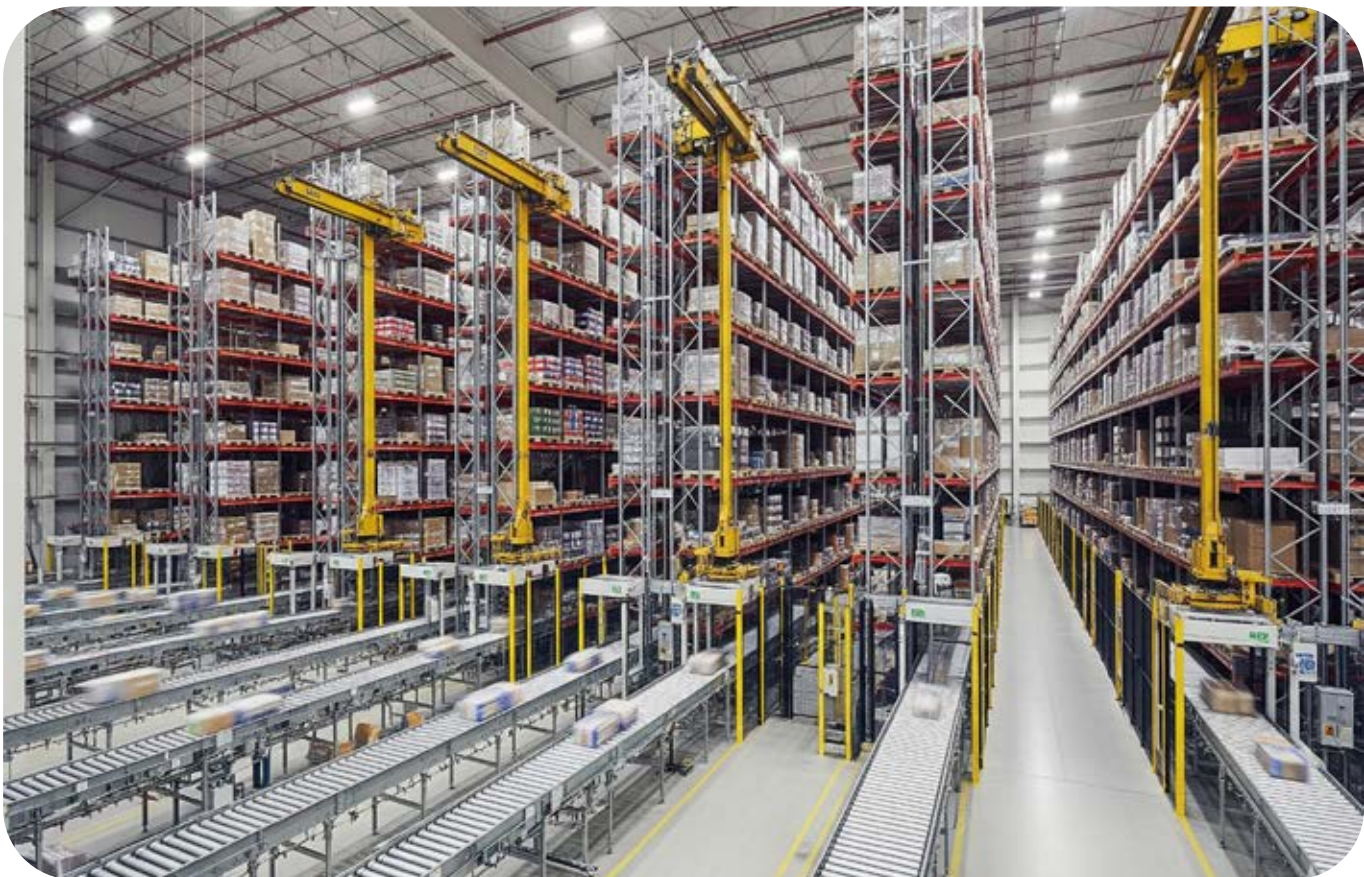


## Sadr Logistics - Advanced AS/RS Solutions for Modern Warehouses

If you are looking to optimize your warehouse operations, consider investing in an ASRS (Automated Storage and Retrieval System) from Sadr Logistics. Our cutting-edge ASRS solutions provide efficient storage options and streamline inventory management, ensuring accuracy and speed at every stage.

As a leading provider of ASRS racks and ASRS pallet racking systems, Sadr Logistics specializes in delivering high-quality, customized solutions designed to meet the needs of modern warehouses. Our comprehensive ASRS systems significantly increase storage capacity, improve operational efficiency, and reduce handling costs.

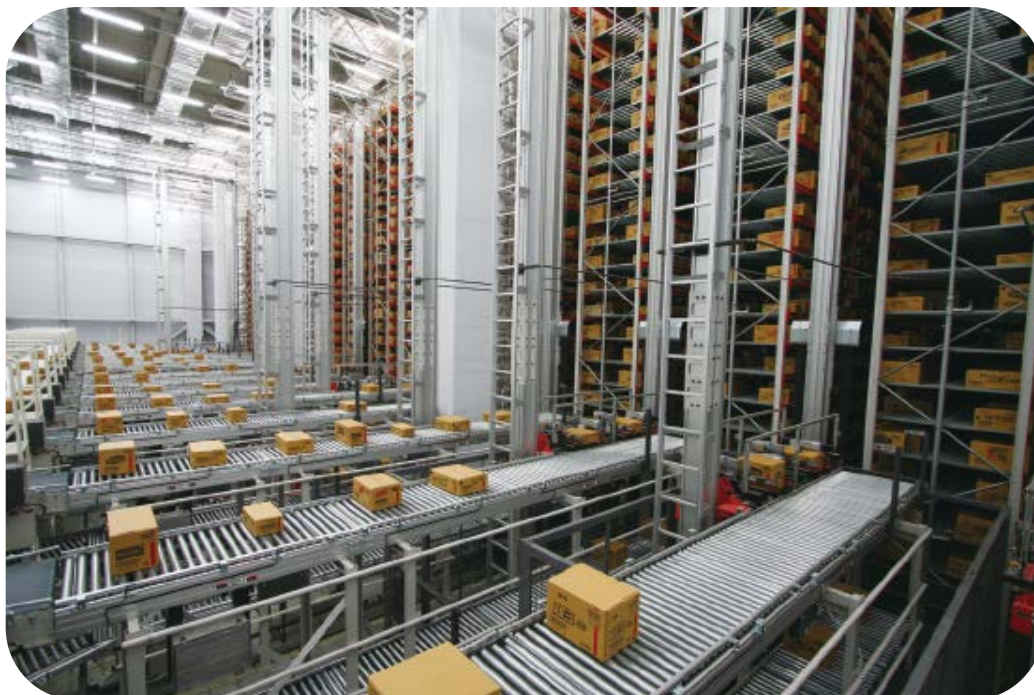
Count on Sadr Logistics to provide advanced automation technology that transforms your storage operations and keeps your business ahead of the competition.







Say goodbye to warehouse chaos and embrace the future with Automation Racking Systems. Smart technology makes storage faster, easier, and more efficient than ever before – boosting productivity, maximizing space, and taking your operations to the next level with cutting-edge innovation





Transform your warehouse into a hub of efficiency with Automation Racking Systems. Experience seamless operations, optimized storage, and smart technology designed to save time, reduce costs, and keep your business moving forward





**SELF SUPPORT**



### Cladding Self-Support Warehouse

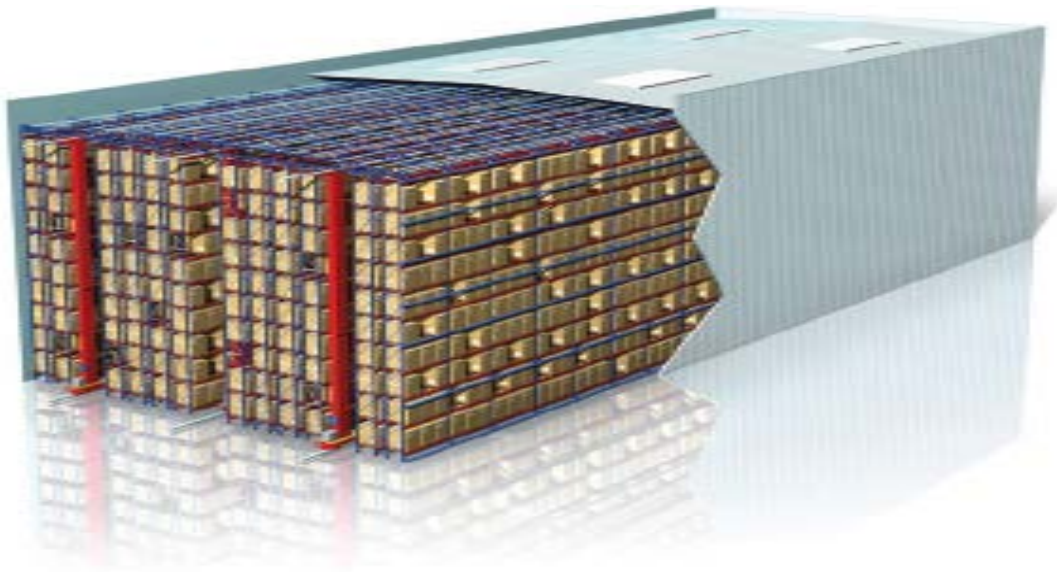
A rack supported warehouse is where the racking meant for holding the material is also used to support the walls and roof of the warehouse. It makes sense to utilize the racking (with storage of steel coils/plates/ sheet packs/long products), which has the high modulus of rigidity and bulk strength for supporting the roof and side claddings with appropriate purlins. Considering that the cost of land, materials and labour continue to rise, the rack supported building concept becomes a more economical warehousing solution to high bay storage of above 25 meters with automatic warehouse management system (WMS).



SELF SUPPORT

The structure forming the shelves makes itself a self-supported building adding later the roofing and the perimeter walls. This system avoids major civil works and the construction of a warehouse building for that purpose. These features bring significant savings as it represents less investment.

This type of building manages to provide a high density load and is the optimal solution if we want to store in high and may reach over 30 meters.





It is fully compatible with manual handling truck and automated systems and can work well in cold environments, like freezing cameras.

The components are made of the highest quality steel and are subject to testing in our own laboratory, which certifies its validity for this type of storage solution.

Our engineers due to the role the shelves play in the building architecture, are performing strength calculations for both the loads to be supported and their behavior to atmospheric agent such as wind, snow and earthquakes.



## Conveyor Systems

## 1- Gravity Conveyor

A Gravity Conveyor is one of the most common and cost effective material handling solutions available.

We supply small and low profile models right up to specially designed heavy duty gravity roller conveyor for your application. We offer a wide variety of conveyor roller diameters and rollers in materials such as steel, plastic and stainless.



## 2- Flexible Conveyor

Flexible conveyor designs are very popular in the industry. Flexible conveyor is used to solve problems on transport in such complicated environment as warehousing, packing line and loading/unloading etc., and can handle all sizes of boxed packages with flat bottom.





### 3- Belt & Roller Conveyor

Our flat belt and roller conveyors are a classic in a majority of conveyor technology applications.

The offered conveyors are extensively used in manufacturing plants as well as distribution centers, metal stamping, packaging lines and precision environments. Moreover, these conveyors consume less power and deliver more output with higher efficiency.



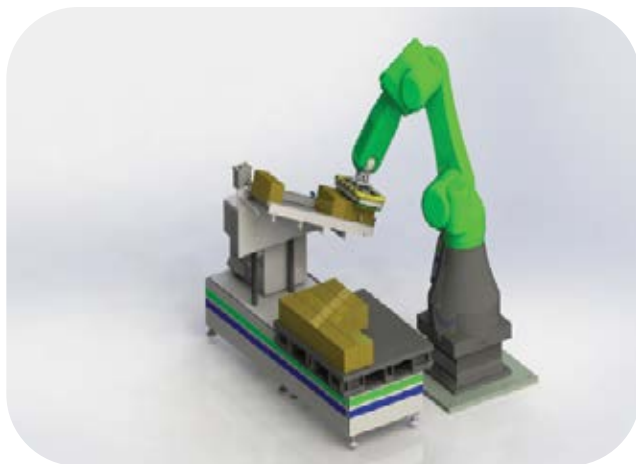
### 4- Portable and Telescopic Conveyors

Portable and Telescopic conveyors are designed to convey boxes, cartons, cases etc. up and/or down inclines. Ideal for loading and unloading trucks where no loading dock is available. Conveyor includes a wired and mounted reversing drum switch for both forward and reverse operation.



## 5- Robotic Pallet Handling Solutions

Pallet handling systems are an essential element in most operations; storage and transport throughout the warehouse must be well planned, connecting incoming goods, production, packing and shipping.





**Radio Shuttle**



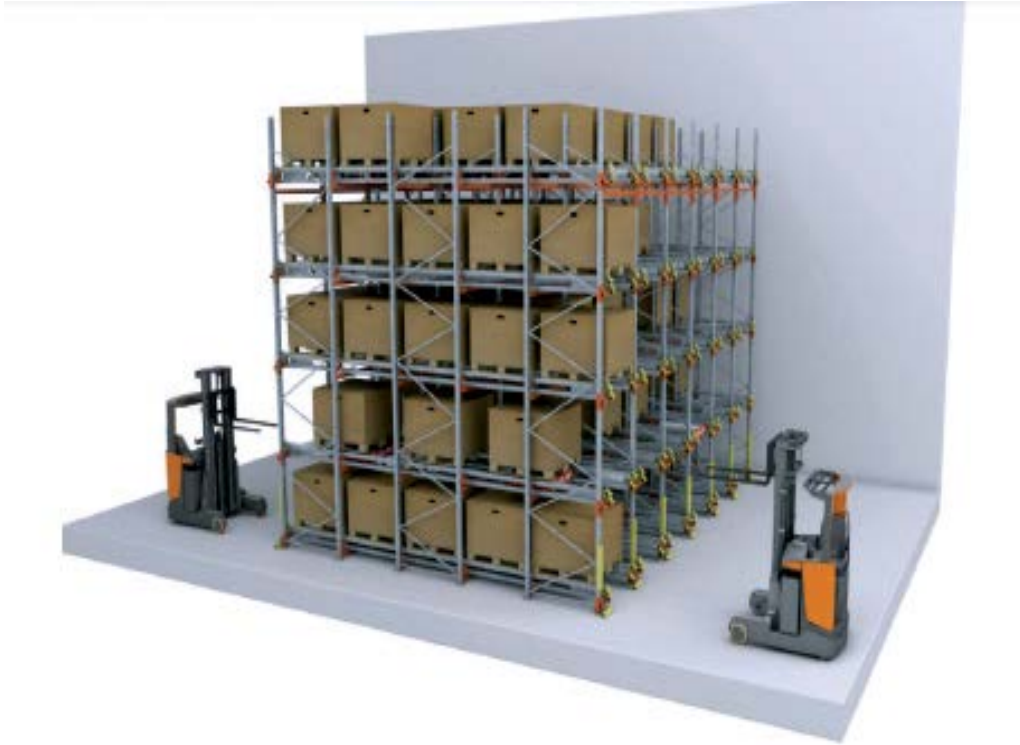


**Radio shuttle** is deep lane storage and retrieval system.

It is a carrier used to move pallets within a specifically designed racking structure, thus optimizing the storage capacity.

The shuttle is a self-powered device that runs on the rails in the storage lanes for the loading and unloading of pallets. These tasks are communicated by the forklift driver using a remote control. Once the tasks are completed the shuttle returns to its home position and is then ready to be transported to a new location for a new task.





Radio Shuttle Racking System supercharges your warehouse with speed, safety, and smart space utilization. It handles pallets automatically, cutting labor time and boosting efficiency. Perfect for high-volume storage, it's your gateway to faster operations and higher profits.







Unlock the future of storage with the Radio Shuttle Racking System—designed for maximum capacity and seamless flow. It minimizes forklift traffic, saves time, and ensures precision in every move. A smart investment for businesses aiming to scale with confidence





## Selective Pallet Racking





Selective Racking System gives you direct access to every pallet anytime, making storage simple and flexible. It's cost-effective, easy to install, and adapts to all product types. The perfect choice for businesses that value speed, variety, and efficiency.

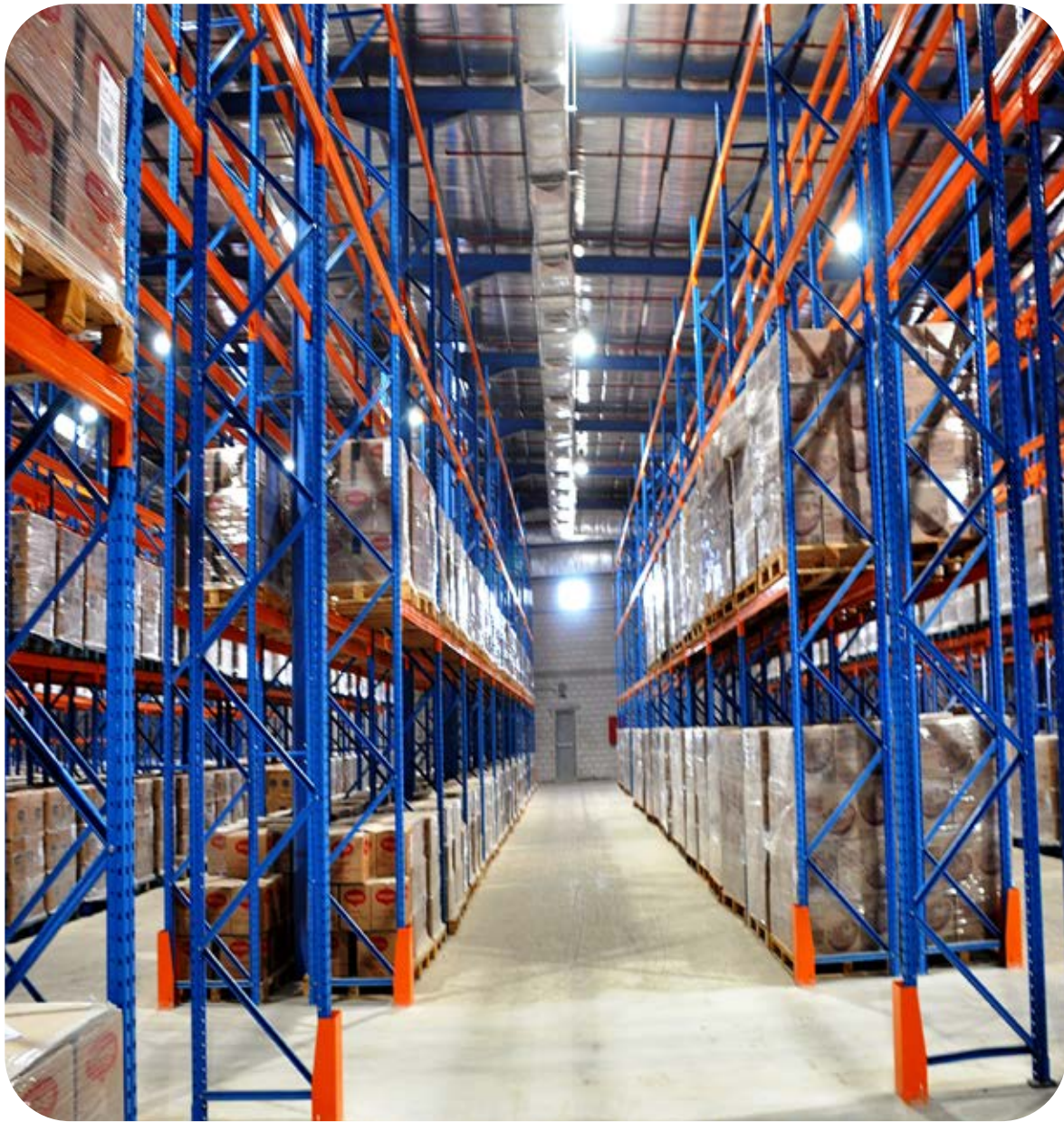






**Selective Pallet rack system** are the most popular and versatile type of bulk storage racks for pallets and boxes. Selective pallet rack systems provide easy accessibility to all products at all times – important if the inventory is rapidly depleted and restocked (called quick turnover).





Selective Pallet Racking

With the Selective Racking System, organization meets performance—giving you instant access and smooth inventory control. It's versatile, durable, and designed to optimize your warehouse flow. A smart solution for businesses seeking clarity and speed in every operation.



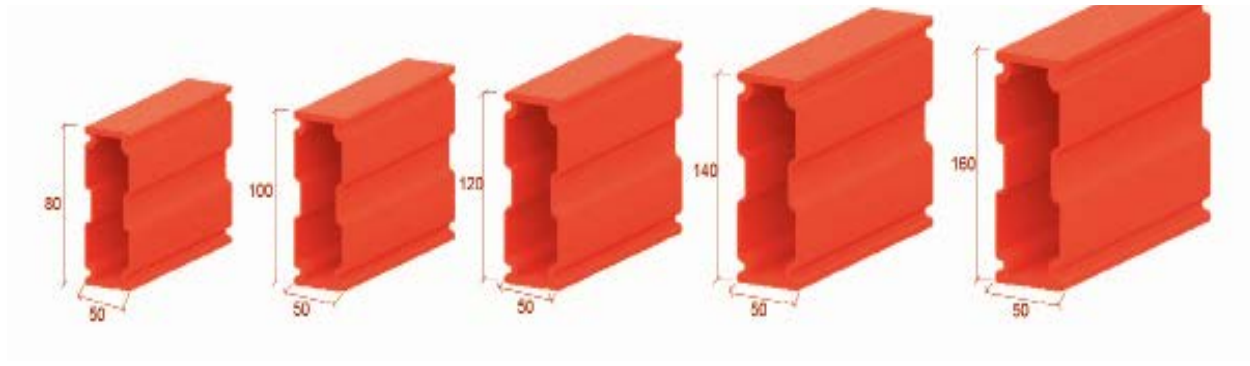
Speed lock is proud to present the innovative pallet Racking system that offers greater flexibility in the adjustment of beam levels with 50mm increments using 3-5 hook end connector.





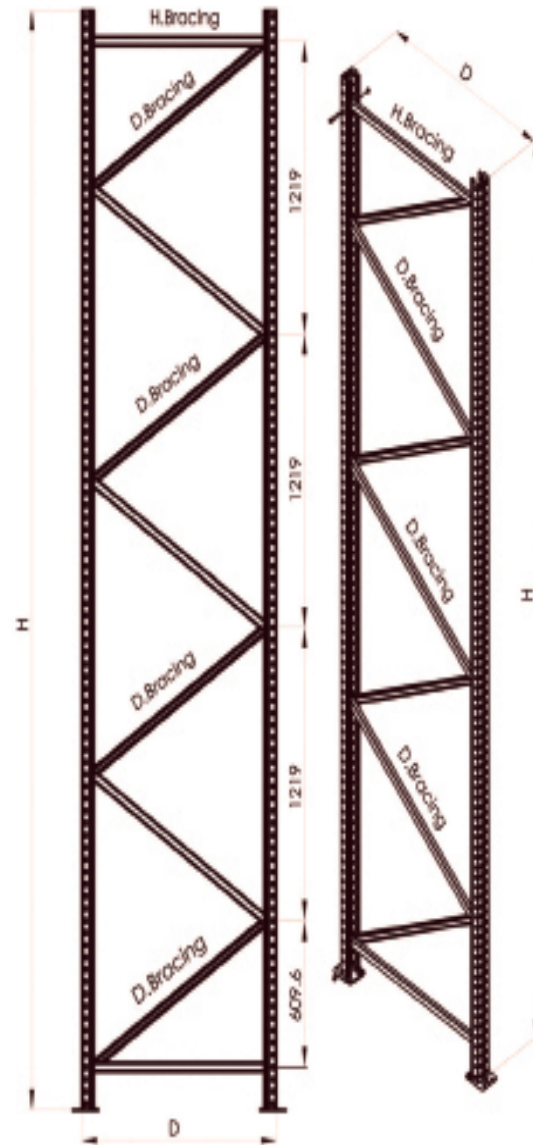
## Box Beam

**SADR** Box beams are available in a wide range to cover most of the loading requirements. Beam section height available from 80-160mm.



Type of beam	Width	Depth	Thicckness	All unit in mm
SLU B 80 - 18	80	50	1.5	
SLU B 100 - 20	100	50	2.5	
SLU B 110 - 18	110	50	1.5	
SLU B 120 - 20	120	50	2.5	
SLU B 140 - 25	140	50	1.5	
SLU B 160 - 20	160	50	2	





### Finish & color

Finish: Powder Epoxy-Polyester Coating, Polymerized at 180, lead free





Selective Racking System is the most popular storage choice, offering maximum accessibility with minimum effort. It allows flexible stock management, quick order picking, and efficient space use. Built for reliability, it keeps your warehouse running at peak performance.



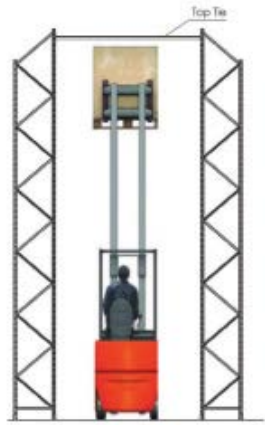
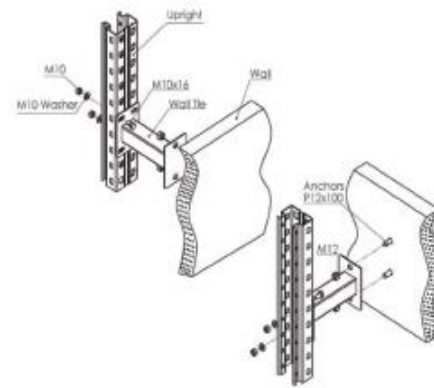


### Wall tie

**Use:** Connect frame & wall. Length: As required.

**Size:** The body is Rectangle Pipe 50x50

**Fixing:** 2pcs M10x16 Bolt & nuts



### Top tie

**Use:** Connect the top of the frames along the aisles to increase the stability of the racks. Length: As required.

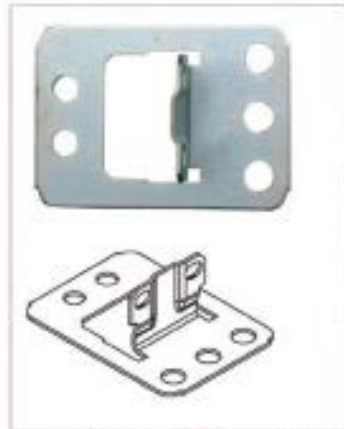
**Length:** As required

**Size:** The body is Rectangle Pipe 50x50 with endplates

**Fixing:** 4pcs M10x16 Bolt & nuts



There are six common base plates in use for different situation.



Superlock Standard Baseplate



Superlock Standard Shim



Superlock Bolted Baseplate



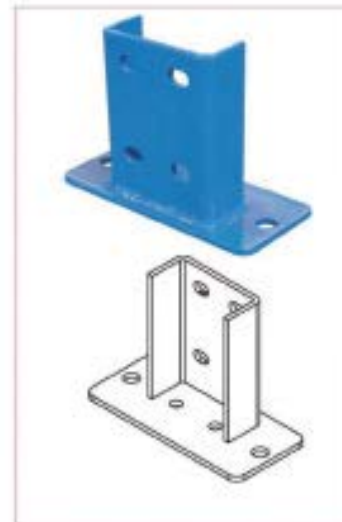
Superlock Bolted Shim



Superlock Reversible Baseplate



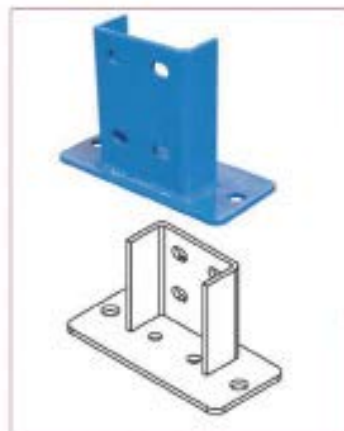
Superlock Reversible Shim



Superlock Heavy-duty Baseplate



Superlock Heavy-duty Shim



Superlock VNA Baseplate



Superlock VNA Shim



Superlock Drive-in Baseplate



Superlock Drive-in Shim



Selective Pallet Racking

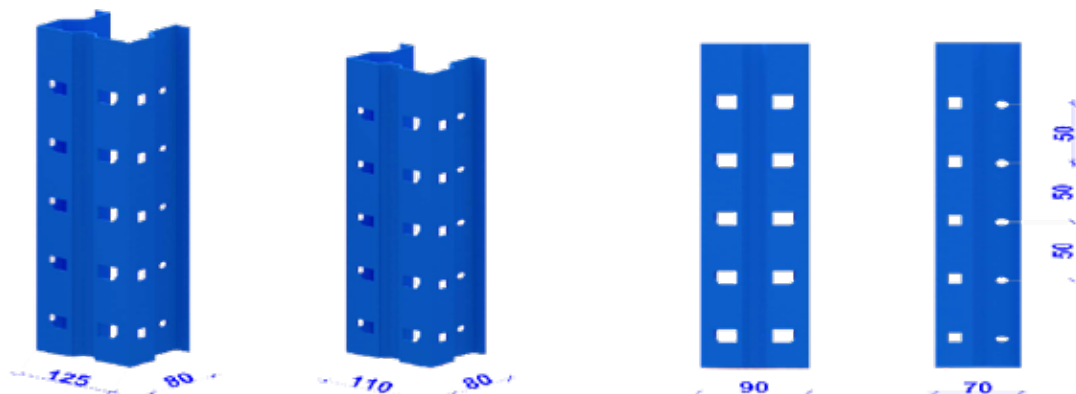




**SADR Pallet Racking** Upright has optimum profile with 50mm hole pitch for better loading capacity and space utilization. The uprights are made from cold-rolled steel and have high rigidity. These uprights are then bolted to the frame using horizontal and diagonal bracing. Different Kinds of base plates ensure even distribution load to floor unassembled.

Upright Height: All Size Available

Type of Upright	Width	Depth	Thicckness	All unit in mm
SGP U 90 - 18	90	67	1.8	
SGP U 90 - 18	90	70	1.8	
SGP U 90 - 18	90	70	2.0	
SGP U 120 - 18	120	70	1.8	
SGP U 120 - 18	120	70	2.0	
SGP U 120 - 18	120	70	1.5	
SGP U 125 - 18	125	80	2.0	
SGP U 125 - 18	125	80	2.5	



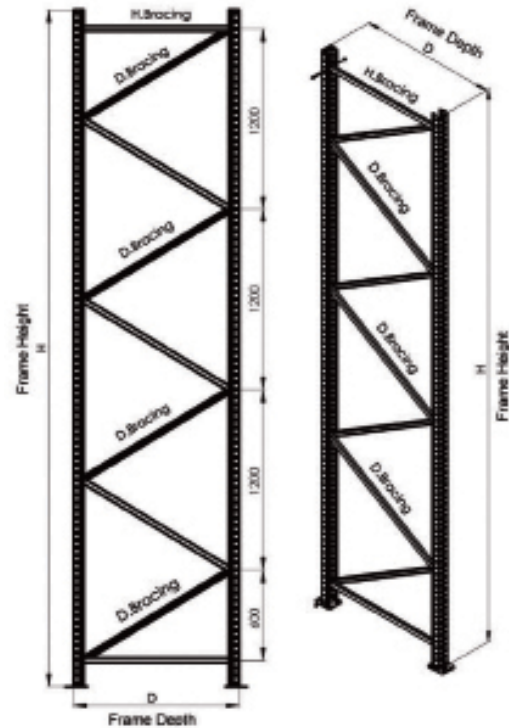
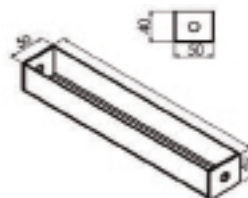
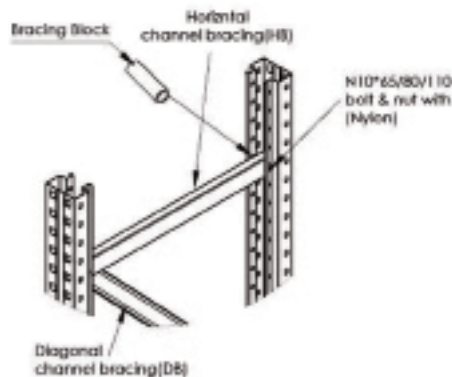


## Frame Bracing & Bracing Block

### Frame Bracing



### Bracing Block



### Spacer

#### Row Spacer

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

**Length:** As required.

**Size:** 40x50x1.5mm C Channel with Endplates.

**Fixing:** Two N10x25mm grade 8.8G setscrews.

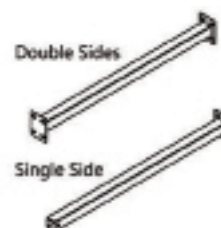
### Frame Spacer

**Use:** connect frame & frame (Double Side) of frame & upright (Single Side).

**Length:** As required.

**Size:** The body is Rectangle Pipe 50x50 with Endplates.

**Fixing:** Double Sides, 2pcs M10x16 Bolt & nuts at Endplates, 1pcs N10x65/80/110 Bolt & nuts at the other end.



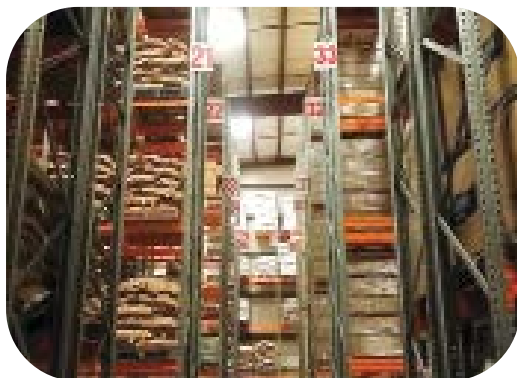
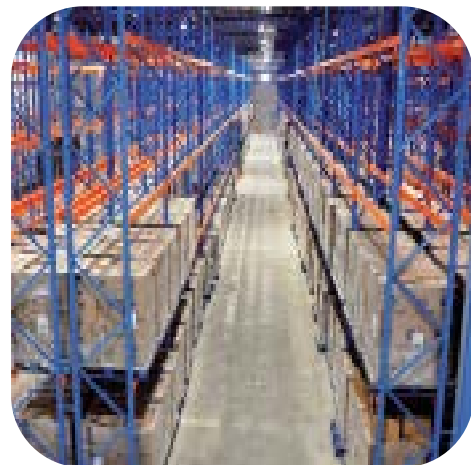


- \*Pre-Galvanised upright & frame bracing are available.
- \*The finish can be Zinc-plated on request.

### Finish & Color

Finish: Powder Epoxy-Polyester Coating, Polymerized at 180 C, Lead free

### Standard Colours



### Baseplate & Shim

- The baseplate must be fitted to every upright to :
- \*Provide a smooth bearing surface for the upright,
  - \*Spread the load of the upright over a reasonable area of floor,
  - \*Provide a means of fixing the upright to the concrete floor,
  - \*Provide a means of levelling the upright when necessary.





## V.N.A Pallet Racking



**SADR LOGISTIC** Narrow -Aisle Racking consists of the same basic components as conventional racking but with runs placed closer together eliminating the wasted space of a wide aisle. The pallets can be stored to a greater height to maximize all available cubic space. The pallets are accessed via specialist trucks, which are guided in the very narrow aisles by either low or high profile floor mounted rails or electronic wire guidance in the floor.

**Advantages of SADR LOGISTIC Narrow-Aisle Pallet Racking:**

- Accessibility to individual pallet.
- Configuration for maximum storage, density and efficiency.
- Special narrow aisle fork lift trucks are required to work in the reduced aisle.
- Better space utilization.
- Optimum occupancy rates.







- Greater use of floor space by reducing number of access aisles.
- Not suitable for rapid stock rotation – first pallet in is the last one out.
- Less distance for the fork – lift truck to travel.
- Increased storage capacity.
- Better space utilization.







The VNA Racking System is designed to optimize warehouse space by utilizing ultra-narrow aisles and vertical storage. It increases capacity, enhances accessibility, and ensures efficient material handling. A reliable solution for businesses seeking maximum performance within limited space.





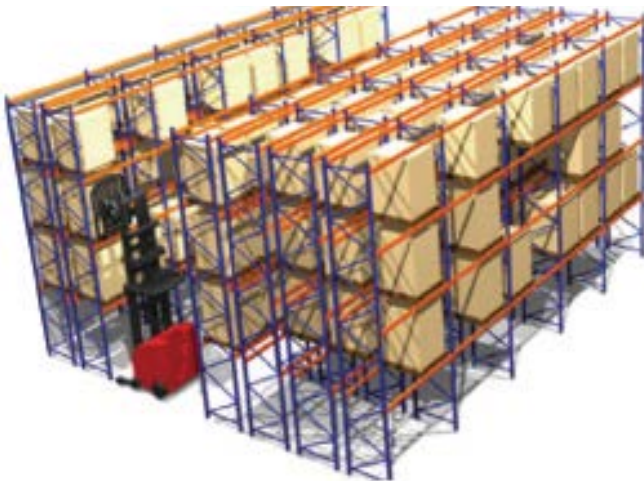
**Double Deep Pallet Racking**





Double deep racking is created by placing 2 double sided runs together. Pallets are stored 2 deep and are accessed using special trucks with pantograph or telescopic forks.

- Greater use of floor space by reducing number of access aisles.
- Not suitable for rapid stock rotation
- first pallet in is the last one out.
- Less distance for the fork – lift truck to travel.
- Increased storage capacity.
- Better space utilization







## Flow Racking



Flow Racking keeps your warehouse running at top speed – products move smoothly forward, saving time and energy. It's the ultimate system for FIFO storage, ensuring freshness and perfect stock rotation. Boost efficiency, maximize space, and let your business flow with unstoppable momentum!







## Flow Racking

Specially constructed lanes of inclined tracks are stacked side by side and on top each other, within a pallet rack framework. This system forms a solid block of storage that is fed from one end and travels by gravity for unloading at the other end. Consistent loads of the same SKU are stored in each lane. Automatic stock rotation is provided and rack utilization is often at 90 per cent.







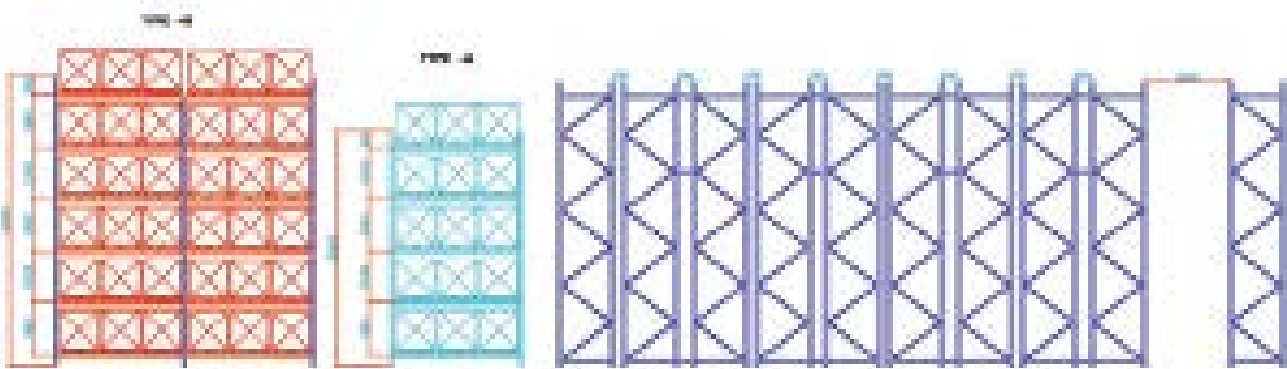
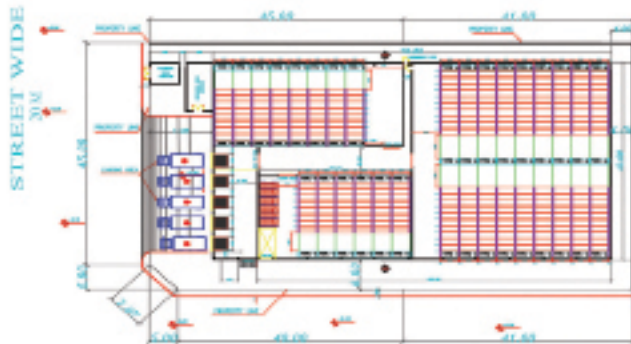
Flow Racking transforms storage into a dynamic, fast-moving system where goods are always within reach.  
It guarantees seamless stock rotation, keeping your inventory fresh and perfectly managed.  
Unlock higher productivity and let your warehouse pulse with efficiency and energy!





**Mobile Pallet Racking**

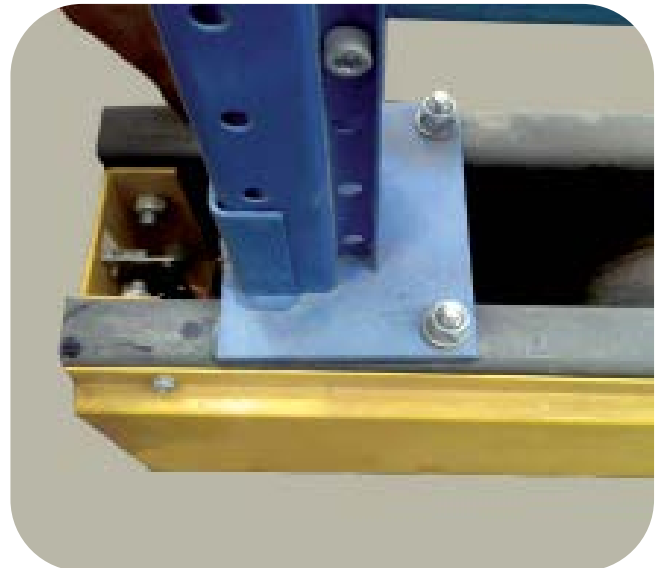








**SADR LOGISTIC** Mobile Pallet Racking mounter on powered mobile bases running on rails set flush in the warehouse floor offer the highest degree of space utilization coupled with 100% pallet availability. The racks can be individually controlled. When a pallet is required, the appropriate aisle is opened up by operating the electrically driven bases. Only one aisle is required to serve a number of racks. The space saving can be so dramatic that economies are also seen in lighting, heating or cooling and venting costs.





Mobile Pallet Racking is the ultimate space saver – racks glide effortlessly to multiply your storage capacity.  
It adapts to your needs, giving you full control and easy access to every pallet.  
Maximize space, maximize efficiency, and keep your warehouse always one step ahead!





Drive-in Pallet Racking





Drive-in racking is designed for the storage of homogenous products. It accommodates a large number of pallets for each SKU.

This system makes better use of the available surface and height space than any other. The installation is made up for a set of racking units that forms inner loading aisles, with support rails for the pallets. The fork-lift trucks enter these inner aisles with their load held higher than the level at which it is to be deposited.

Each loading aisle has support rails on both sides.

These are arranged on different levels and the pallets are placed on top. This racking system is made of extremely robust material, thus making it suitable for storing fully-loaded pallets.





## Comparing between Drive- in & Drive-Through

### Drive – in Pallet Racking

This is the most common way of managing loads in a drive – in system. The racking units work like a warehouse depot. There is just one access aisle, from which loading and unloading are carried out in reverse order. **(LIFO)**.

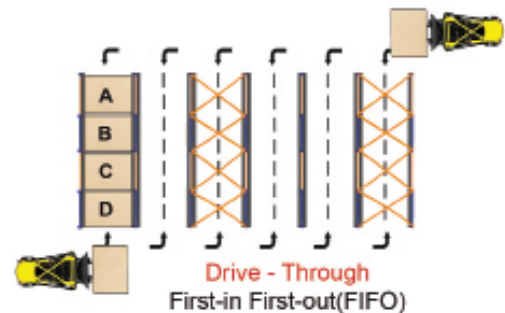
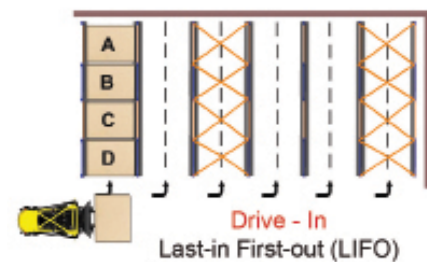
Drive-through In this case, the load is managed using the racking unit as a controlling warehouse , with two load access points, one on each system, side of the unit. With this it is possible to control production differences, for example between manufacture and dis-patch, between production phase 1and 2, or between production and loadingbays. **(FIFO)**.

LOADING ORDER A,B,C,D

UNLOADING ORDER D,C,B,A LIFO (Last In First-Out)  
System – the first load in is the last one out

LOADING ORDER A,B,C,D

UNLOADING ORDER D,C,B,A  
FIFO (First In First-Out) System – the first load in is the last one out.





## Heavy Duty Drive-In

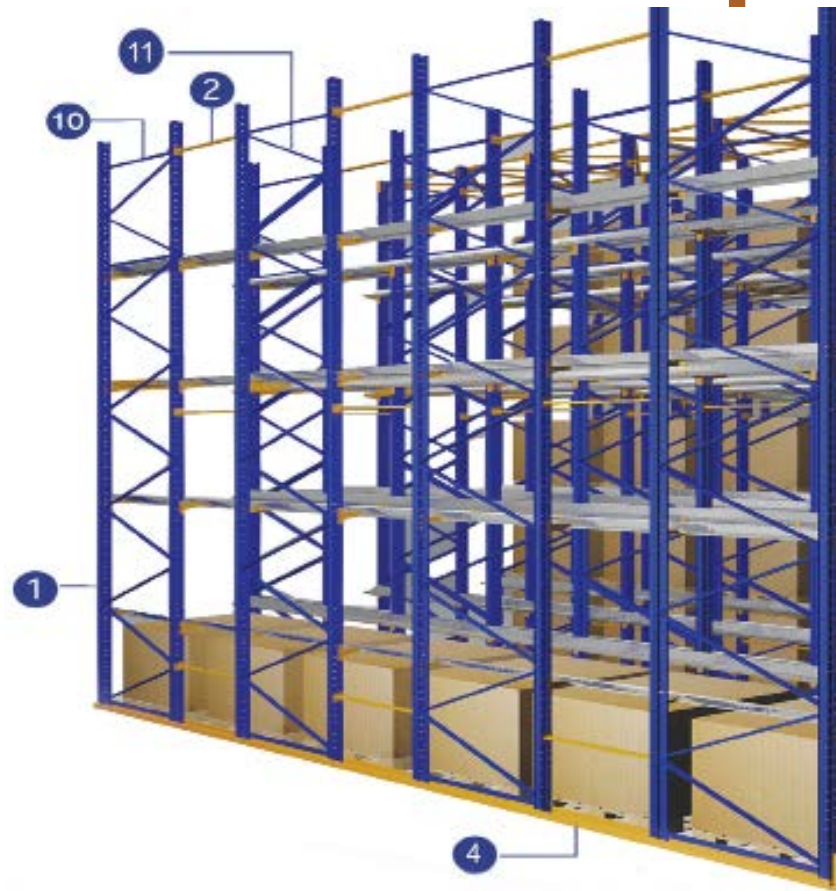


Drive-in Pallet Racking



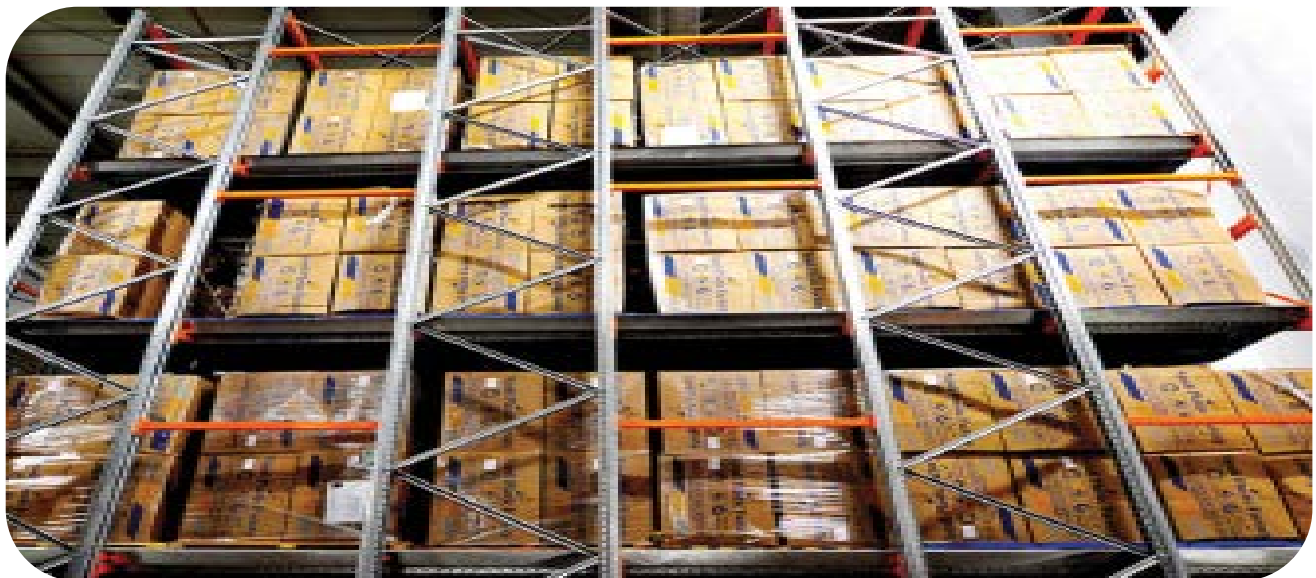
## The basic elements of a driving system

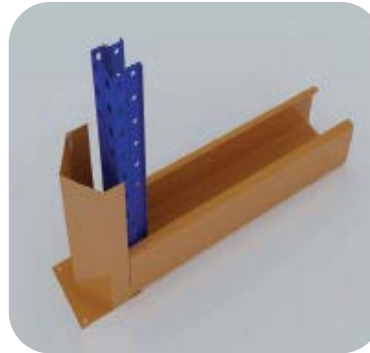
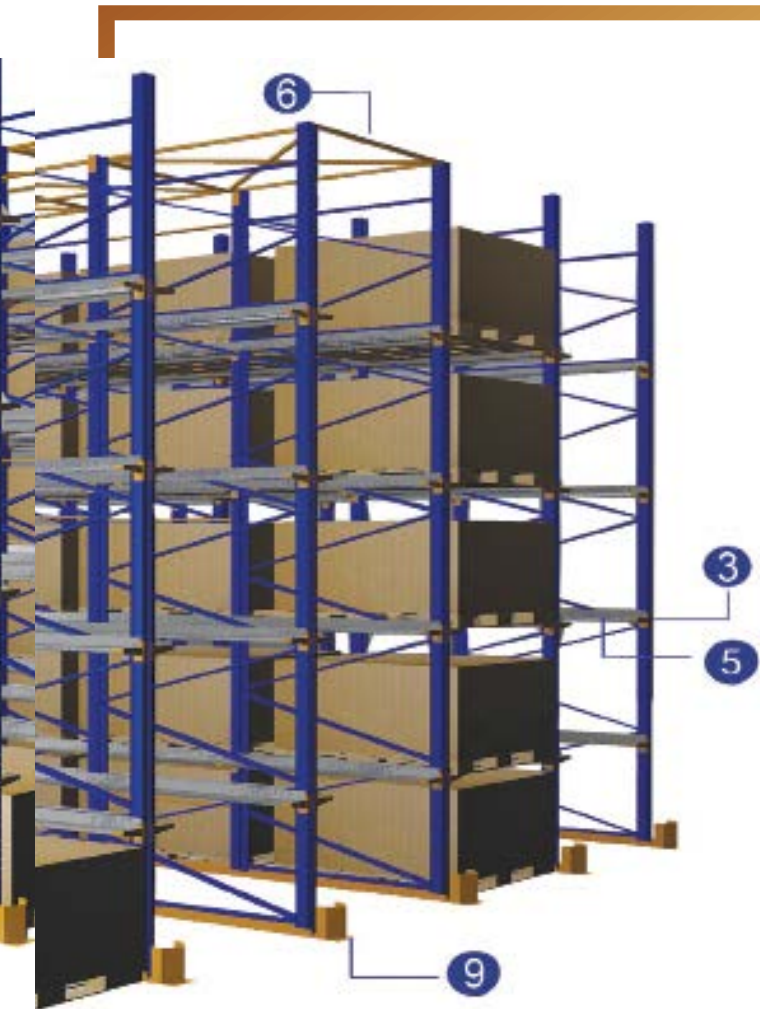
1. Frame
2. Drive-in beam
3. Bracket
4. GP-4 rail
5. C-rail
6. Upper cross bracing
7. Back cross bracing
8. Guide rail protector
9. Guide rail
10. Leveling plates
11. Anchor bolts



## Frames

This are made up of two uprights with the corresponding Horizontals and diagonals foots plates and accessories. The frames have slots every 50 mm to accommodate the beam and support. The depth of the frame are determines by the dimensions of the storage aisle and height measurements and weights of the pallets.





### Guide rails and protectors

This make it easier for the forklift trucks to Gain access around and reduce possibility Of accidental damage.



### GP-4 Rail.

This is a pallet support profile. Made of triangular-shape galvanized steel. It enables pallets centralization with minimal Loss of space (50mm). the profiles are supported On and joined to the uprights using GP-4 brackets.



### Cross bracing set

Depending on the layout. 2 adjusments aisle are Cross brace to guarantee stability. The upper horizontal aisles must coincide with the back vertical aisles. As this transmitted forces to the ground. The number of the cross braced aisles will be depend on the forces produced. This depend on the weight of the load, the height of the installation, The numbers of level and the depth of the lane.





### Brackets

Bracket connectors feature a safety snaplock which automatically locks to the arm to the column, preventing accidental dislodgement during loading and unloading.

#### Upright Front Protection

These are installed at the front of the first upright of each row of frames and provide protection against possible minor impacts.

Upright Style L Style.



### Optional Components

Pallet Rail lead in Rail lead are installed at the end of pallet rails in each of the leading aisles of drive-in racking system. They help to guide the pallet at the entrance to each aisle.

#### Flooring guide rails

- Prevent the pallets colliding with the sides of the racking structure.
- Enable the fork-lift trucks to be equipped with side wheels so that they are

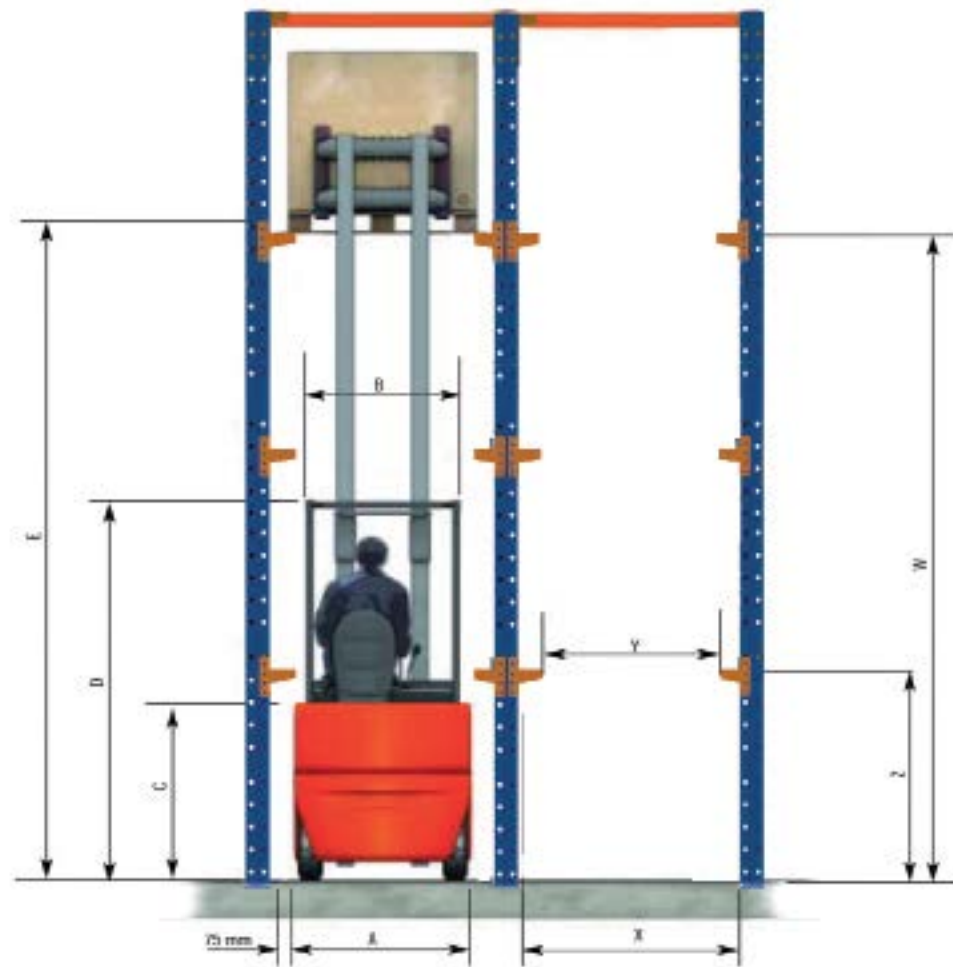
centralized when moving inside the storage aisles.

- Levelling the tracking system.
- Uniform loading.

### Tops & Spine Bracing

SADR Full Tops Bracing and Full Spine Bracing solution is a special design which considering safety factors carefully, it's been tested in some pretty seismic countries and proved as a safe and reliable system.





1- The fork-lift trucks travel along the insides of the storage aisles, so the necessary margins must be calculated in order to work safely. Certain measurements must be taken into account when designing an installation:

- A. Total width of the fork-lift truck. There must be a minimum tolerance between the fork-lift truck and the vertical elements of the racking units of 75 mm on each side. Dimension X, the distance between the uprights, must include this.
- B. Operator's protection structure. A minimum tolerance of 55 mm to the support rails is needed (dimension Y.)
- C. and D. Height of the base and protection of the fork-lift truck. Dimension Z and dimension Y must be cleared comfortably.
- E. Maximum elevation height. Must be at least 200 mm greater than dimension W.

## 2- Impacts from the fork-lift truck.

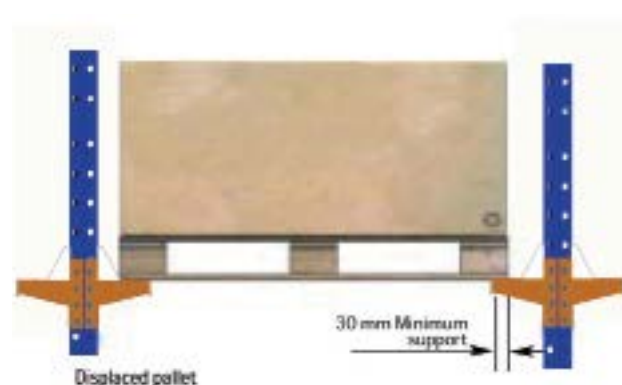
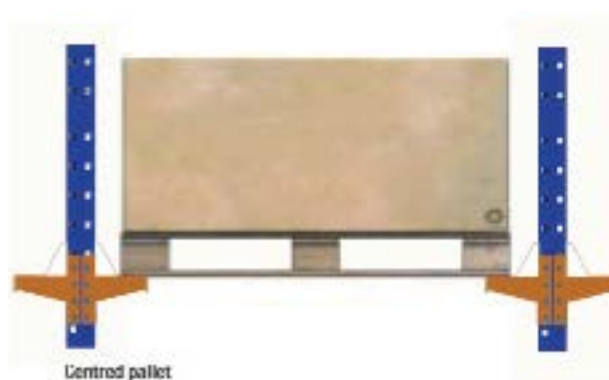
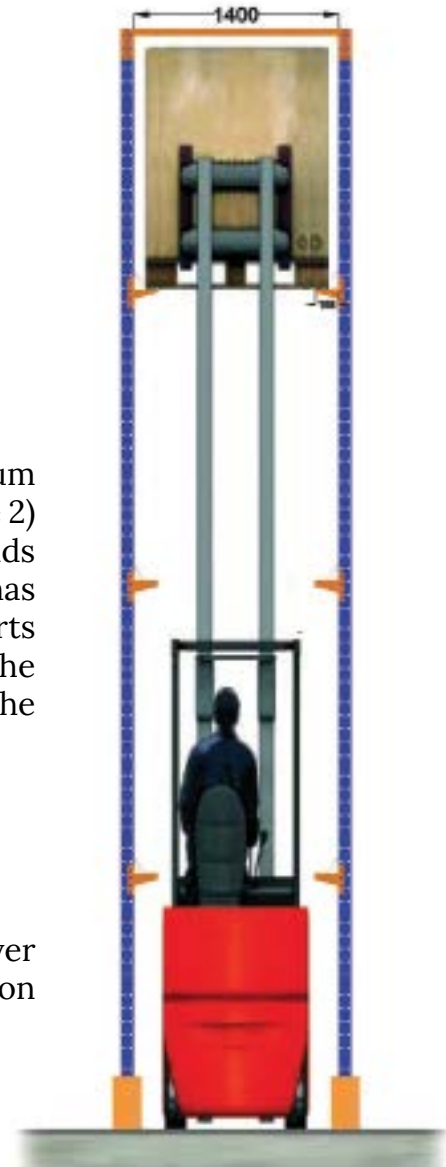
In accordance with the guidelines and recommendation, the calculation makes allowance for an impact to the value of 35 kg from a fork-lift truck, at the least favorable point (figure 1).

## 3- Maximum deformation of the uprights.

The calculation takes into account that the maximum deformation of the uprights must not exceed 25 mm (figure 2) when forces and reaction from vertical and horizontal loads are applied. The fact that the load may over hang the pallet has a huge influence on the dimension and length of the supports and therefore also on the calculation of the uprights. The longer the support, the greater the pressure exerted on the upright, so the edgings used should in turn be stronger.

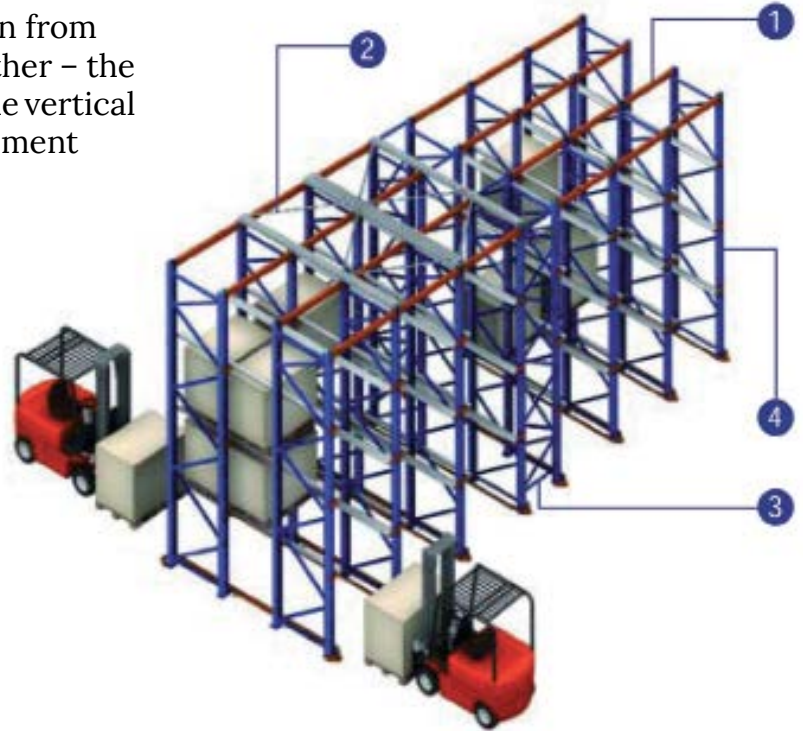
## 4- Minimum pallet support.

As a safety measure, if the pallet is displaced completely over to one side, there should be a minimum support of 30 mm on the other side (figure 3).



**5- When the load placed on the racking is managed with the drive-through system**  
– that is, when the goods are put in from one side and taken out from the other – the horizontal bracing are fitted, but the vertical bracings are replaced by reinforcement structures (figure 6).

- 1) Upper tie braces
- 2) Horizontal bracing
- 3) Vertical stiffening cable
- 4) Frame



**6. Shelving stability**  
with the drive-through system

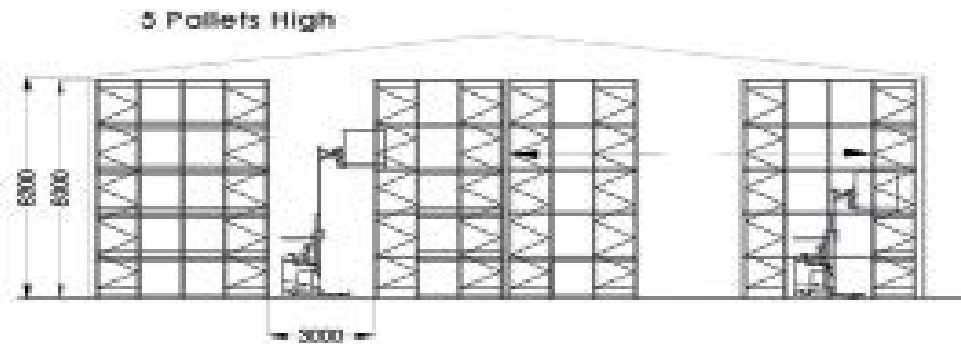




Forklift trucks drive into lanes on racking specially built to provide support to the pallet along the pallet sides. Stacking often to 10 meters high and 4 or 5 but occasionally even more than 10 deep. This system can provide very dense storage capacity, often low in access and rotation of products. As the truck enters the racking, special precautions apply to ensure the compatibility of design between the truck, pallet and load and the racking.

Flat floors are advantageous.

Usually the rack design incorporates a stability structure at the rear of the rack and therefore drive in indicates single access from one side. Drive through requires this same stability to be provided by a variation in design.



### Advantages

- Very dense storage, ideal for few SKU with high pallet quantities.
- Prevents product crushing, and offers damage free storage.
- Floor single or double stacked pallets always accessible.
- Low capital costs using conventional handling equipment.

### Pallet and load Size:

1165mm (entry) x 1165mm (depth) x 1350mm (H)

### Floor Area:

50.3m x 23.25m = 1170 sqm

### Total Building Volume:

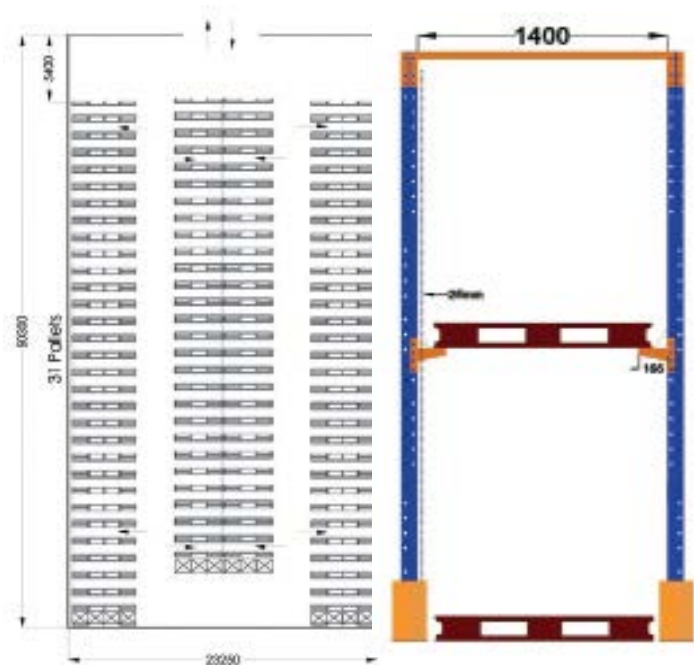
9590 cbm (8m High) Average Floor Area/Pallet

### Position:

1170 sqm / 2080 Pallets = 0.56sqm/Pallet  
Position Average Building

### volume/Pallet Position:

9590 cbm/2080 Pallets = 4.61 cbm/Pallet



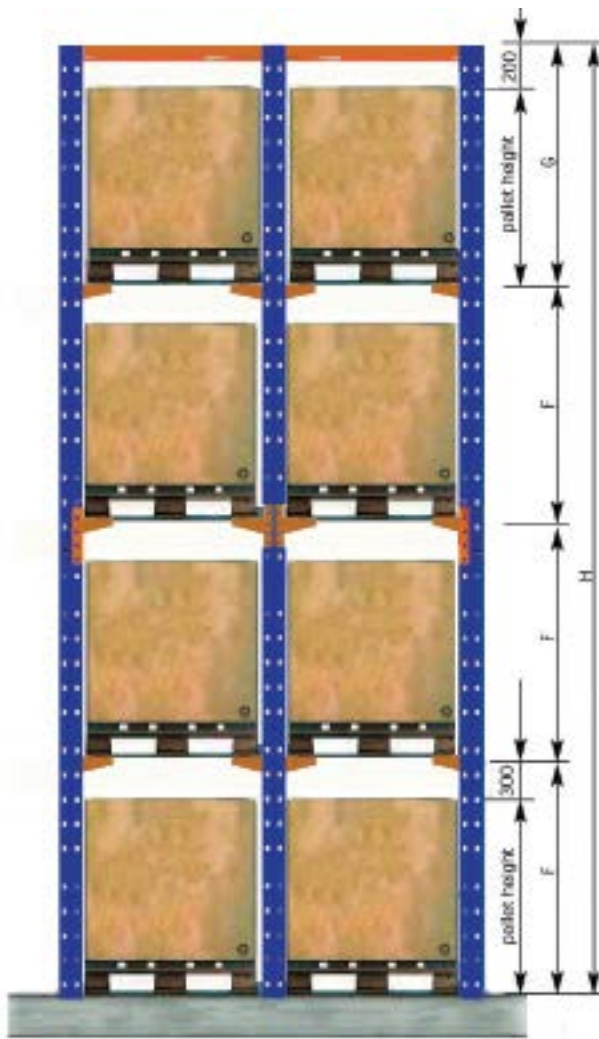


Figure 9

### Height

The minimum height measurements requiredn are as follows:

**F** = Height of the lower and intermediate level = height of the pallets +150 mm.

**G** = Height of the upper level = height of the pallets + 200mm

**H** = Total height = at least, the sum of all the levels.

Dimensions F, G and H must always be multiples of 50 mm .

### Depth

The minimum depth measurements to be

taken into consideration are as follows:

**X** = Sum of the depth of all the pallets (if the load overhangs the pallet, this measurement must also be included) plus a positioning tolerance of between 35 and 50 mm per pallet, depending on the number of pallets (the greater the number of pallets, The smaller the tolerance that must be accounted.

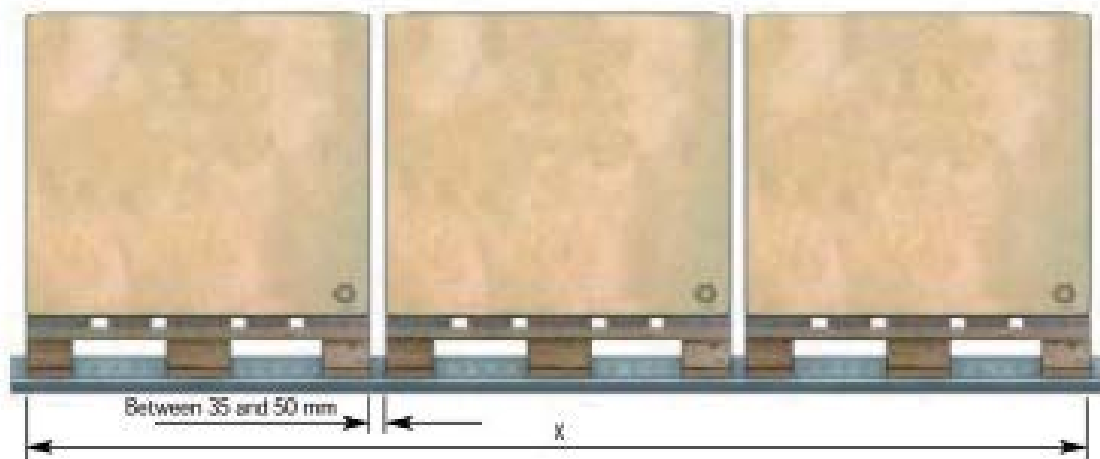


Figure 5



Drive-in Pallet Racking unlocks massive storage density by allowing forklifts to drive directly into the racks. Perfect for bulk goods and seasonal stock, it maximizes space like no other system. Go deeper, store smarter, and power up your warehouse efficiency!



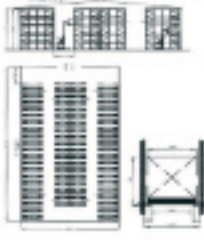


### PALLET RACKING



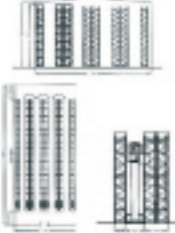
5 Pallet Height  
Building Area = 1698sqm  
Using Reach Trucks  
Average Locations used 90%  
Immediate accessibility 100%  
Stock Rotation Good  
Floor Utilisation 40 %

### DRIVE-IN PALLET RACKING



5 Pallet Height  
Building Area = 1170sqm  
Average Locations used 70%  
Immediate accessibility 25%  
Stock Rotation Poor  
Floor Utilisation 65 %

### VERY NARROW AISLE



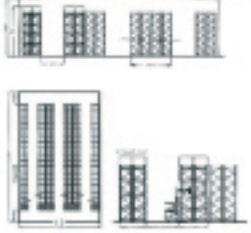
8 Pallet Height  
Building Area = 950sqm  
Using Narrow Aisle  
Average Locations used 90%  
Immediate accessibility 100%  
Stock Rotation Good  
Floor Utilisation 45 %

### PUSH BACK PALLET RACKING



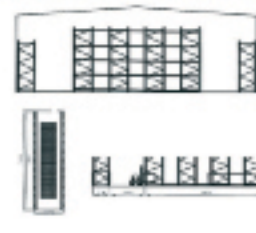
5 Pallet Height  
Building Area = 1119sqm  
Average Locations used 70%  
Immediate accessibility 25%  
Stock Rotation Poor  
Floor Utilisation 65 %

### DOUBLE DEEP PALLET RACKING



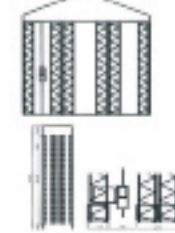
5 Pallet Height  
Building Area = 1225 sqm  
Average Locations used 90%  
Immediate accessibility 50%  
Stock Rotation Average  
Floor Utilisation 45 %

### PALLET LIVE STORAGE PALLET RACKING



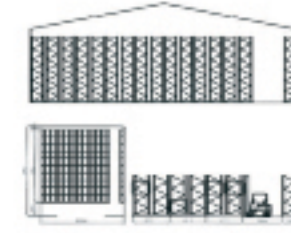
5 Pallet Height  
Building Area = 1,174sqm  
Average Locations used 75%  
Immediate accessibility 25%  
Stock Rotation Good  
Floor Utilisation 55 %

### AS/SR PALLET RACKING



5 Pallet Height  
Building Area = 1119sqm  
Average Locations used 70%  
Immediate accessibility 25%  
Stock Rotation Poor  
Floor Utilisation 65 %

### MOBILE PALLET RACKING



6 Pallet Height  
Building Area = 766sqm  
Average Locations used 90%  
Immediate accessibility 100%  
Stock Rotation Good  
Floor Utilisation 70 %

Item	Pallet height	Building area SQM	Average location %	Immediate accessibility	Stock rotation	Floor utilization
Pallet raking	5	1698	Used 90 %	100%	Good	40 %
Drive in	5	1170	Used 70 %	25%	Poor	65%
VNA	8	950	Used 90 %	100%	Good	45%
Push Back	5	1119	70 %	25%	Poor	65%
Bauble Deep	5	1225	90%	50%	Average	45%
Pallet live storage rack-ing	5	1174	75 %	25%	Good	55%
As/Rs	11	675	90 %	100%	Good	50%
Mobile pallet Rack	6	766	90 %	100 %	Good	70%



**Longspan / Light Duty Shelving**





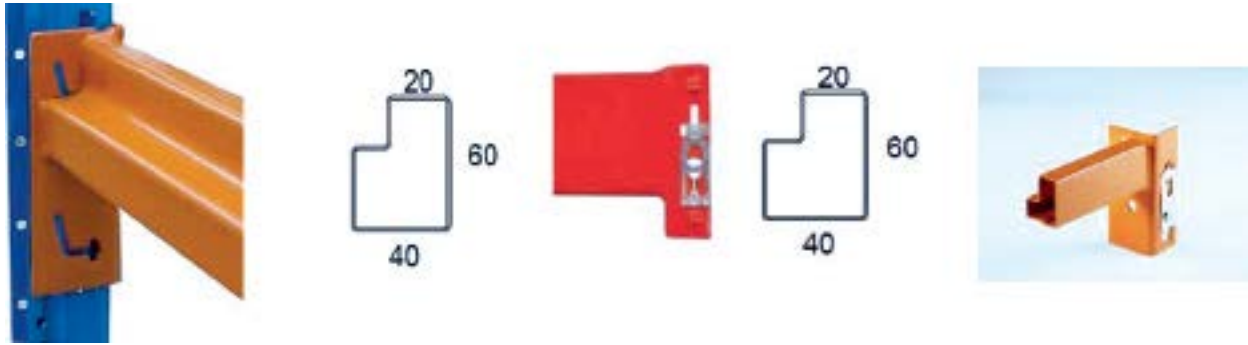
### Longspan shelving:

Is fast and very to assemble and use a modular design with a bolt free lock-in system which require no special tools giving you maximum storage in minutes whatever you available space.





Sadr Long span Shelving system incorporates a wide range of beams and frames, making it easy to customize to meet your precise needs. Open, mesh clad, medium and Longspan bays can be combined in the same unit for efficient storage of a wide range of stock items. A number of high performance accessories are also available to extend the versatility of the Sadr Longspan shelving system still further.



Finish: Powder Epoxy-Polyester Coating, Polymerized at 180°, lead free.

Blaze Blue



Pure Orange





Longspan Shelving gives you the power to store anything – big, bulky, or awkward with total ease.

It's strong, flexible, and designed to keep your warehouse organized and efficient. Maximize space, simplify access, and take your storage to the next level !

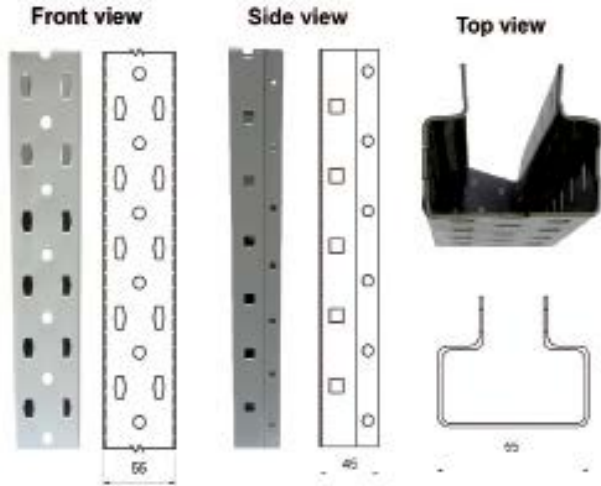






Longspan / Light Duty Shelving





Finish: Powder Epoxy-Polyester Coating,  
Polymerized at 180°, load free.

Sadr Longspan Shelving is the perfect solution no matter what you need to store from small components to have cartons. Sadr Longspan shelving is fast and easy to assemble, and use a modular design with a boltfree lock-in system which requires no special tools, giving you maximum storage in minutes whatever your available space.

Sadr Longspan Shelving offers you virtually unlimited opportunities to expand your storage capacity, giving you higher density storage and greater flexibility whether you are storing boxes, cartons, etc. Long, uninterrupted spans of up to 3000mm also make.

Finish: Powder Epoxy-Polyester  
Coating,  
Polymerized at 180°, load free.

Blaze Blue



Traffic Grey





Longspan / Light Duty Shelving





### Light Duty:

Is the a high quality, lightload capacity shelving system suitable for low cost situations. The baltless design ensures fast assembly. The edge of board is hidden behind the steel beam, making the shelving safe and strong. An angle post upright is eachcorner of the shelving bay, allowing beam to be fitted in the left- to right and front-to back directions. This enables the shelving to be built as single bay units.







## Mobile Shelving



Mobile Shelving unlocks hidden space by letting shelves glide to open or close aisles on demand.

It's the ideal solution for maximizing capacity without sacrificing accessibility. Save space, stay organized, and supercharge your storage efficiency!





Mobile Shelving turns static storage into a dynamic system that moves to fit your needs.

It maximizes floor space while keeping everything organized and instantly accessible.

Smart, flexible, and powerful – the future of efficient storage is here!







Mobile Shelving brings flexibility to your storage – shelves move smoothly to open space only when needed.  
It helps you store more in less area while keeping everything neat and accessible.  
Compact, modern, and efficient – the smart way to maximize your storage!





Vertical Carousel



**SADR LOGISTICS** provides vertical carousels to increase storage density, throughput, and efficiency while reducing inventory, and man-hours. Computer controls are integrated into the carousel system allowing you to perform a wide range of activities from simple transactions to full inventory control. Vertical carousels efficiently deliver product to the operator, yielding a low-floor-space way of storing, securing, and retrieving anything. Most often Bastian integrates vertical carousels to retrieve and store small parts and tools.

The engineers at Al Samaani are committed to tailoring the right carousel technology to your application.







### **Fast and Effective Retrieval Times**

Automated vertical carousels such as the Shelving Carousel increase the effectiveness of order processing through a combination of quick retrieval times and increased picking accuracy. The Shelving Carousel can be integrated with order processing software that will not only track your inventory but process pick lists which provides fast, reliable, and worry free retrieval.

### **Increase Health and Safety**

Implementation of the product to person principle eliminates wasteful and harmful steps for stocking and retrieving parts. Al Samaani's Shelving Carousel ensures that operators are working at ergonomically acceptable heights, this reduction in unnecessary bending, walking, and other haphazard retrieval techniques such as ladders and cherry pickers increase workplace health and safety.



- Great space saving
- Automation of the warehouse
- Optimization of provisions and costs reduction
- Direct management through PC
- Greater productivity of the dedicated staff





#### **Increases Available Storage:**

The Shelving Carousel can increase your available storage capacity by utilizing the vertical space normally unoccupied by static shelving systems. With a variety of large carrier sizes the Shelving Carousel can haul up bulkier items which cannot normally be stored in a typical vertical carousel.





Mezzanine







Mezzanine System transforms unused vertical space into powerful storage and work areas. Easy to install and highly adaptable, it doubles your capacity without building new facilities. The perfect solution for smart, scalable, and profitable growth.







## Mezzanine

Maximize your warehouse with the Mezzanine System—designed to expand capacity without extra land. It transforms overhead space into productive storage or work areas. A future-ready solution that drives efficiency and sustainable growth.

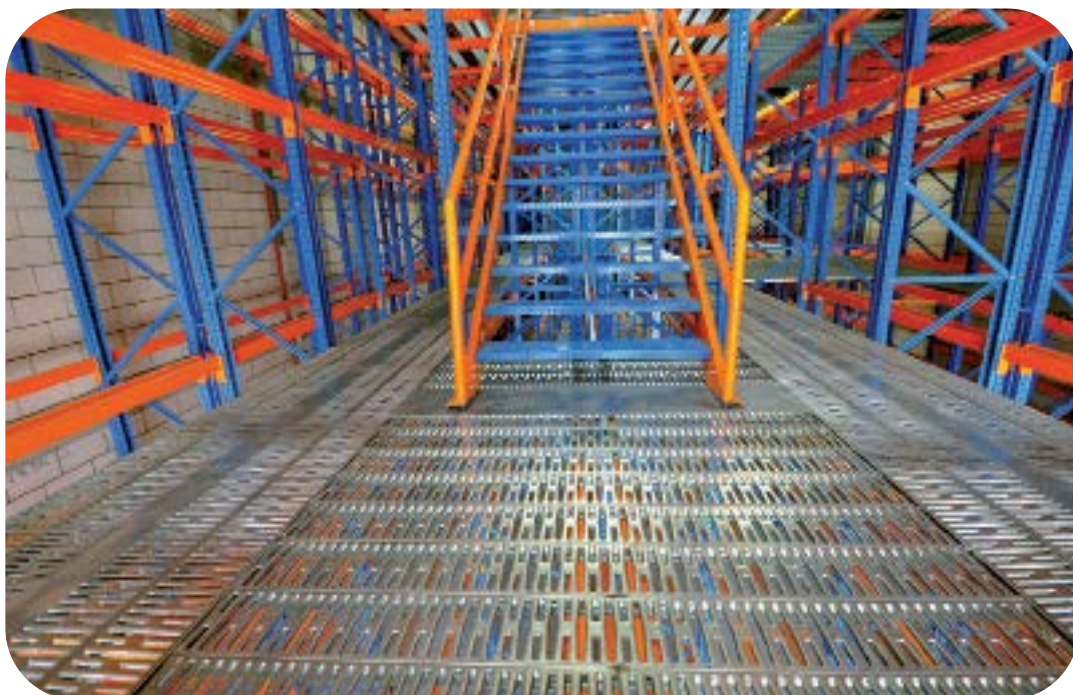






### Steel Structures Make Mezzanine Projects Easy

**SADR LOGISTICS** Structures Steel Mezzanines are designed and manufactured to meet customer's specific requirements. Whether you require loading platform, storage platform or a freestanding Mezzanine Floor We can help you specify and design a customized solution to suit your needs. Alsamaani's Structural Steel Mezzanine floors are able to span longer distances whilst having heavier load capabilities. This allow for clearer areas under the raised structure for maximum space usage. The mezzanine platform created can also be used for additional storage areas, offices or as order picking platforms. A variety of flooring medias available, as well as accessories such as staircases & landings, handrails, pallet gates and walkways. All of Alsamaani Storage's Structural Steel Mezzanine Floors are designed in accordance with common engineering standards.







Mezzanine storage system provides a multi – level system which significantly increase your storage capability by expanding vertical space. It utilizes most bulk and space saver

sizes and configuration in a variety of combinations to take full advantage of valuable warehouse space. Unlike conventional steel constructions, it can be easily expanded, moved or modified for future requirements. Combined with a full range of accessories, such as staircase, handrails, safety gates even lifts and conveyors, it is versatile in almost all situation, multi – level system, shelving and pallet racking system. All types of

mezzanine can be easily installed and dismantled without any welding or cutting









## Cantilever Racking





### Heavy-duty Cantilever Racking

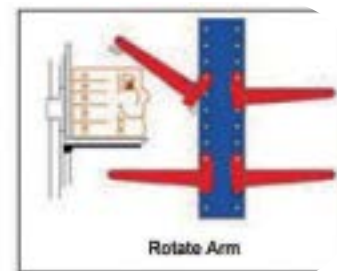
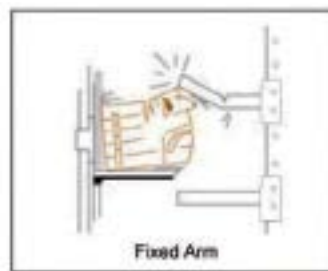
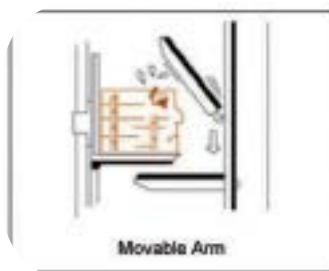
Alsamaani Heavy-duty Cantilever Racking is particularly suitable for storing long loads, offering the possibility of location the levels (arms) on one or both sides of the fully independent structure.

Cantilever Racking can range in sizes, gauges and accessories are available to meet all your requirements.

Cantilever arm elevations are easily adjustable to accommodate any bundle size. Maxrac® unique Rotate Arms can prevent goods and arms from being damaged by accidental operation.

#### Advantage:

- Excellent low-cost storage system!
- Store long products with ease. Unobstructed arms afford easy accessibility with no uprights on the aisle to restrict storage.
- Arms adjust easily on 100mm centers.
- 'Special Rotate Arm' device prevent arms from being dislodged and unloading.
- Easy assembly no special tools required.





### **Dynamic Racks**

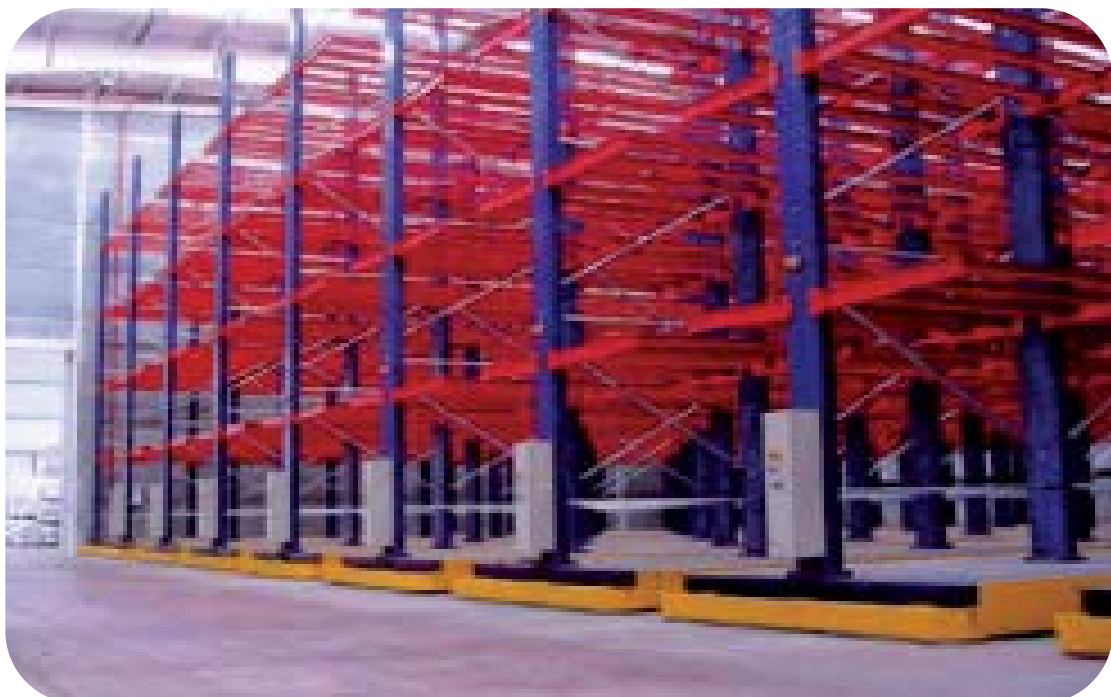
The dynamic rack system allows the optimal usage of the space coupled with direct access to the stored goods .

Alsamaani dynamic system guarantees quickness when opening and closing the aisles and with noticeable smoothness too.

The difference in the initial cost in front of static systems is quickly amortized by the space saving and the increase of the storage capacity.

### **Continuous shelf system**

When there aren't homogeneous load units this is the best system to gain a continuous shelf of storage obstacle free of obstacles.





### Finish

Powder Epoxy-Polyester Coating, Polymerized at 180 C, leas free.

Zinc Yellow



Pure Orange



Safety Orange



Sky Blue



Blaze Blue



Anthracite Grey



Traffic Grey







**Cold Storage Solution**



Because of technology advancements and logistic strategies, the cold storage of perishable items has become an important stage in the distribution between manufacturers/processors and retail locations. The bulk storage of large or small quantities requires refrigeration that enables cold store facilities to be safe, energy conscious and compliant with government requirements and standards. Al Samaani works closely with customers to identify and determine the appropriate refrigeration concept to create facilities that make for efficient and economical distribution





## Doors





The loading dock is an integral part of your operation. That's why SADR LOGISTICS Storage Concepts offers durable, reliable dock equipment that will keep your bay safe and running smoothly. Al Samaani Storage Concepts also carries an extensive line of guard rails, lights and dock related equipment to keep your aisles clear and your facility organized. Button up your dock with door seals and bumpers.





**Fire Fighting Equipment's**



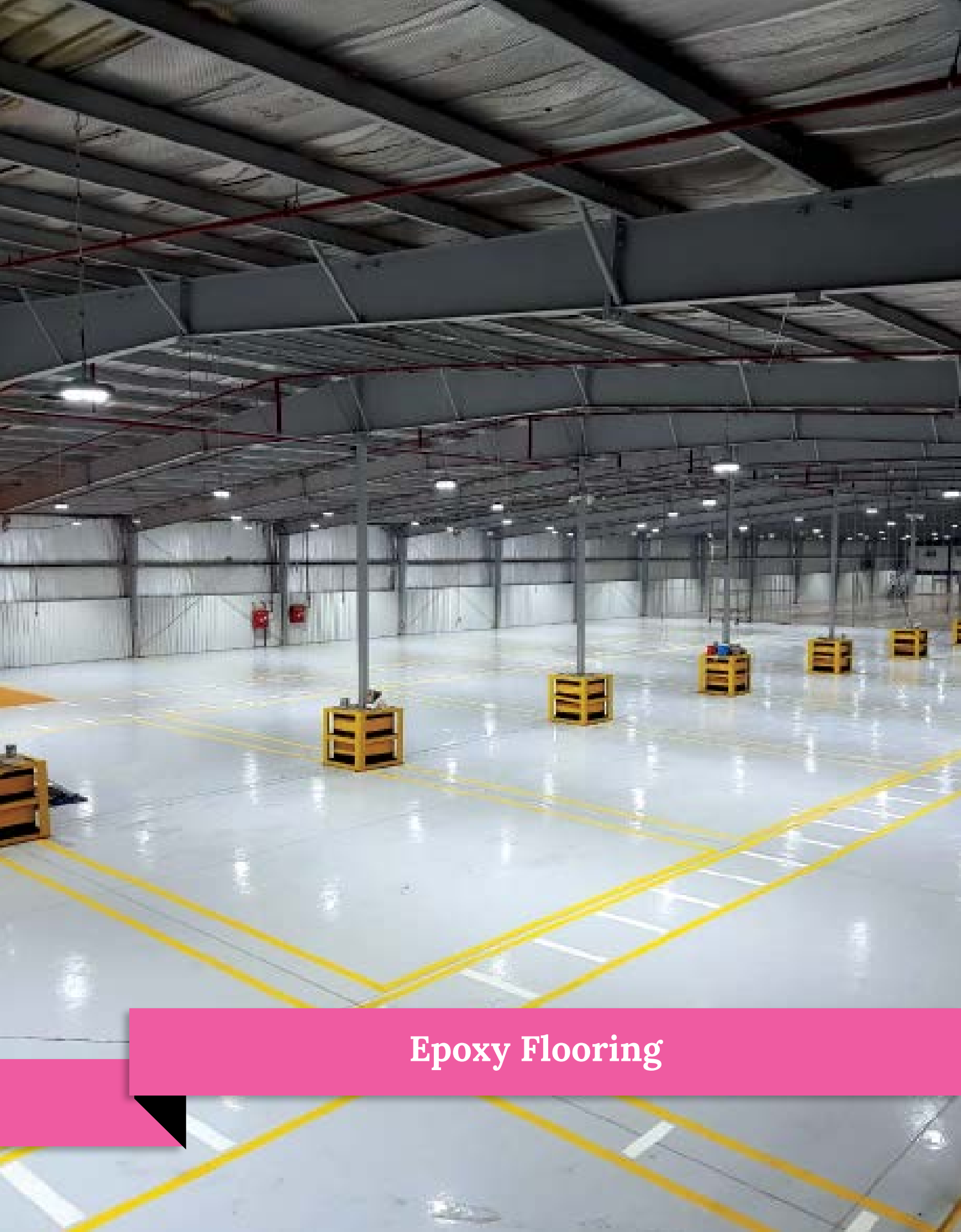
Fire protection in warehouses and storage facilities is extremely important. As a manager of this type of facility, you have to ensure that your structure, equipment, and assets are protected in the event of an emergency. More importantly, you need to make sure that your employees and visitors are safe.



Fire Protection are the main way that warehouse and storage managers ensure safety for their employees and property. But the different materials stored within the building impact how a fire sprinkler system is designed and installed



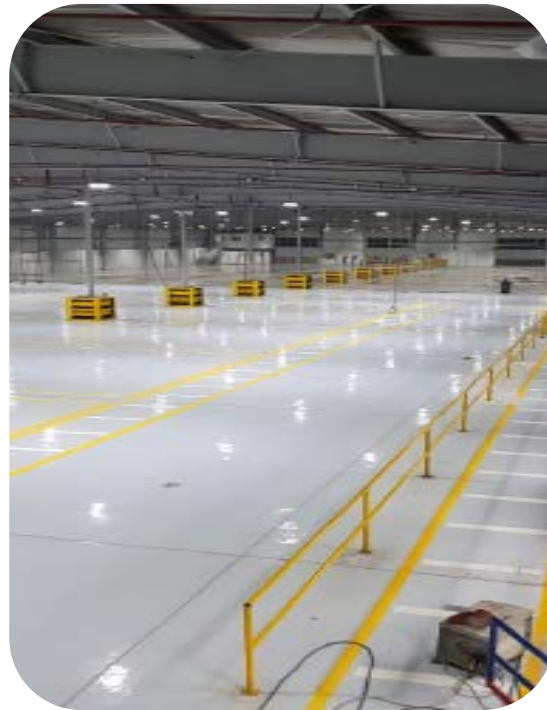
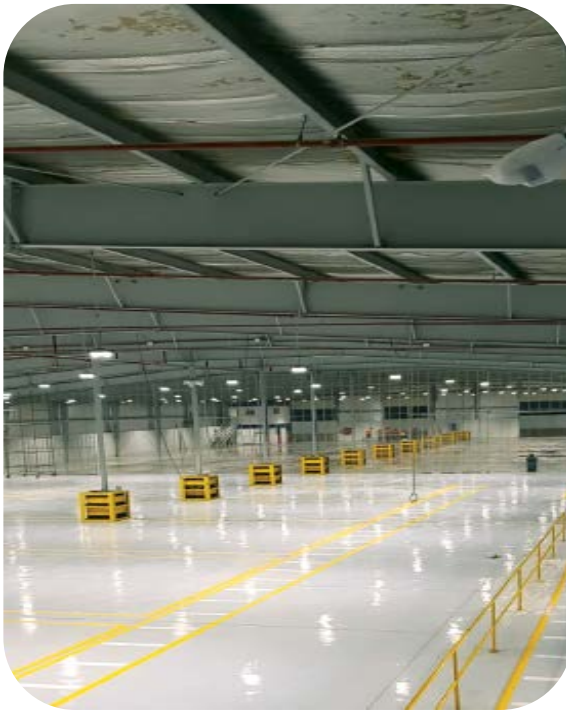




Epoxy Flooring

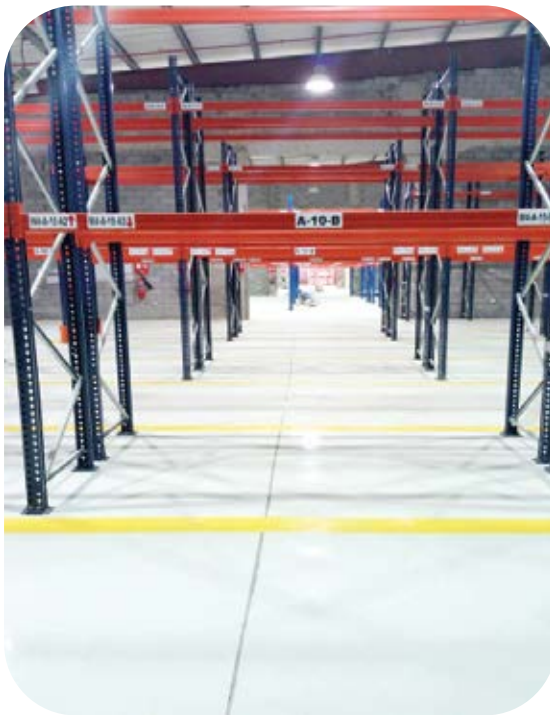


Epoxy Flooring gives your warehouse floors unmatched strength, shine, and protection. Resistant to heavy loads, chemicals, and wear, it keeps operations safe and efficient. A sleek finish that boosts durability, cleanliness, and professional appeal.





Epoxy Flooring transforms ordinary floors into durable, glossy, and easy to clean surfaces. It withstands traffic, impacts, and chemicals to ensure long lasting performance. The perfect upgrade for a modern safe and high standard warehouse.







Epoxy Flooring enhances your space with strength, safety, and a polished look. It resists damage from heavy loads and chemicals while staying easy to maintain. A smart choice that elevates durability, hygiene, and professional standards.





**SuperMarket Equipment**









Supermarket Equipment





## Shopping Carts





Shopping carts is a North American name for the basket on wheels on can use to hold food while grocery shopping and have played an important role in revolutionizing the transaction of commodities in stores and shopping marts. Depending on where you live in the world, you might call them shopping carts, shopping trolleys, shopping carriages, shopping buggies, or shopping wagons. They are helping customers inside the shop for transport of merchandise to the checkout counter during shopping.

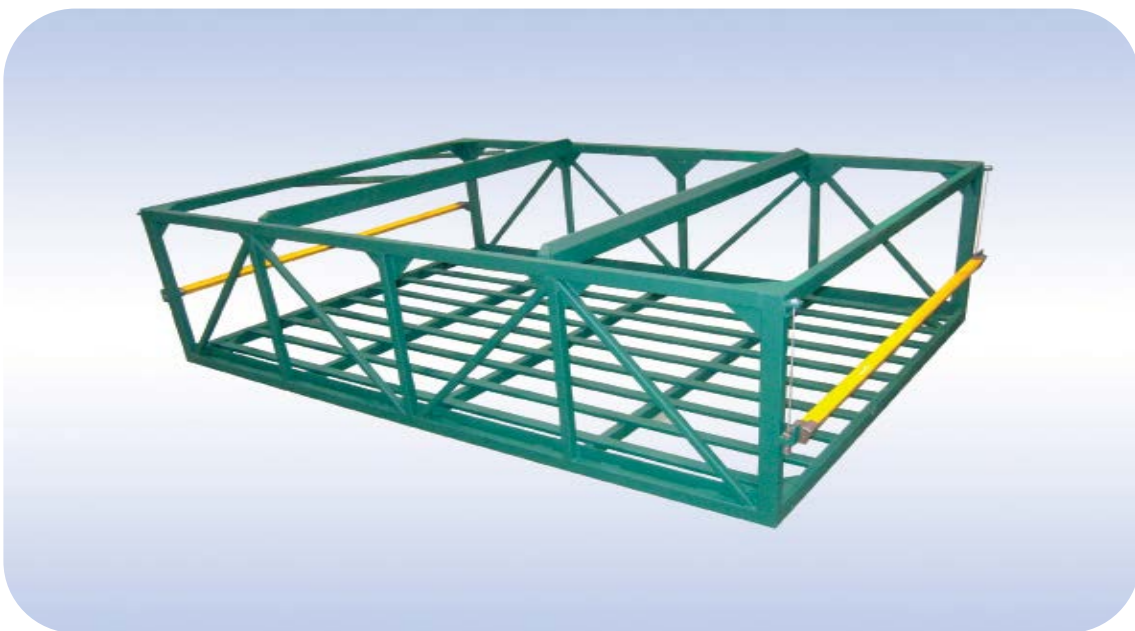
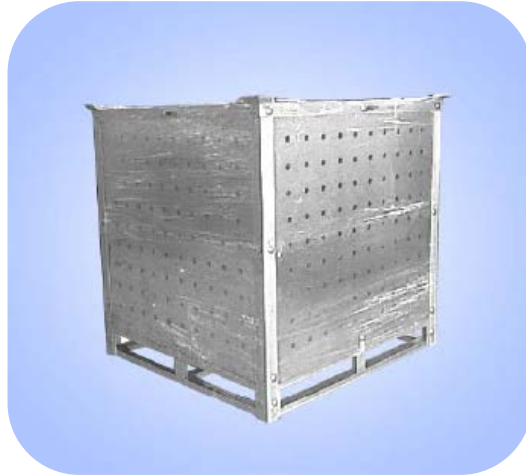


## Container & Cages



Designed for easy handling and maximum efficiency, this foldable design ensures space-saving storage when not in use. Equipped with hygienic castors, it supports clean and smooth mobility—ideal for logistics, retail, and food industries









**Material Handling Equipment's**





Three-Wheeler

MastType	Loed	Height	Aisle
Three Stage	1500-2000 Kg	8000 mm	3500 mm



Reach Truck

MastType	Loed	Height	Aisle
Three Stage	1200-2000 Kg	8500 mm	2750 mm



Stacker Forklift

MastType	Loed	Height	Aisle
Three Stage -Wide Visible	2000-2500 Kg	4700 mm	3800 mm



VNA Forklift

MastType	Loed	Height	Aisle
Three Stage	2000-2500 Kg	4700 & 5700 6000 & 8000 12000 mm	2000 mm



## Hand Pallet Truck (SGP series 2200)



Model		SGP-P20	SGP-P25	SGP-P30
Capacity	(kg)	2200	2500	3000
Lifting Height	(mm)	115		
Max. Fork Height	h (mm)	200 (or 190)		
Min. Fork Height	h2 (mm)	85 (or 75)		
Fork Length	l (mm)	1150/1220	1150/1220	1150/1220
Fork Width	b (mm)	160	160	160
Width Overall Forks	B (mm)	540/685	540/685	540/685
Load Roller	(mm)	Tandem Φ82×70, Single Φ82×93 Nylon, Polyurethane		
Steering Wheel	(mm)	Φ200×50 Nylon, Polyurethane or Rubber		
Net Weight	(kg)	80/83	82/85	85/87

## Hand Pallet Truck (SGP series 2500)



Model		SGP-P20	SGP-P25	SGP-P30
Capacity	(kg)	2200	2500	3000
Lifting Height	(mm)	115		
Max. Fork Height	h (mm)	200 (or 190)		
Min. Fork Height	h2 (mm)	85 (or 75)		
Fork Length	l (mm)	1150/1220	1150/1220	1150/1220
Fork Width	b (mm)	160	160	160
Width Overall Forks	B (mm)	540/685	540/685	540/685
Load Roller	(mm)	Tandem Φ82×70, Single Φ82×93 Nylon, Polyurethane		
Steering Wheel	(mm)	Φ200×50 Nylon, Polyurethane or Rubber		
Net Weight	(kg)	80/83	82/85	85/87





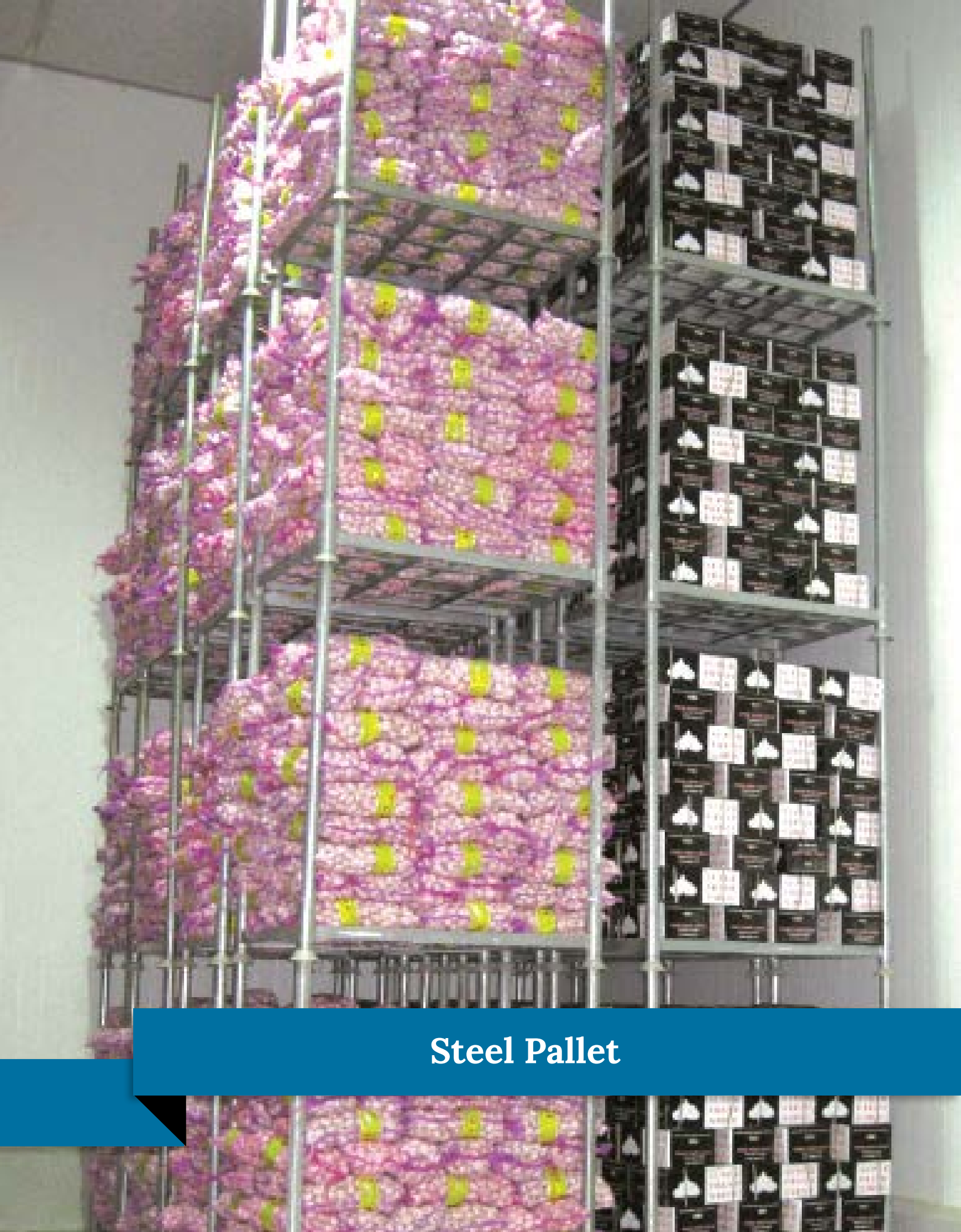
**Plastic Bins**



Stackable Plastic Storage Bins are perfect for all sized parts, from small to large, including: Tools, Hardware, Crafts, Toys, Supplies, Paperwork, Medication, Pet Supplies, Parts in a repair shop, Products to display in retail stores, Office Supplies & More. These Bins can be used multiple ways: Stacked on top of each other, hanging on the wall or from rail systems, or simply placed on a counter or shelving unit. Stacking Bins have optional dividers, windows and/or covers.

Hanging Bins and the rail units as well as the louvered panels are available as stationary single-sided or double-sided units, where the double sided units can be turned into mobile units by adding the appropriate mobile unit kits. A Monster Bins representative can assist with decision making between Louvered Panels or Rail Units.





Steel Pallet





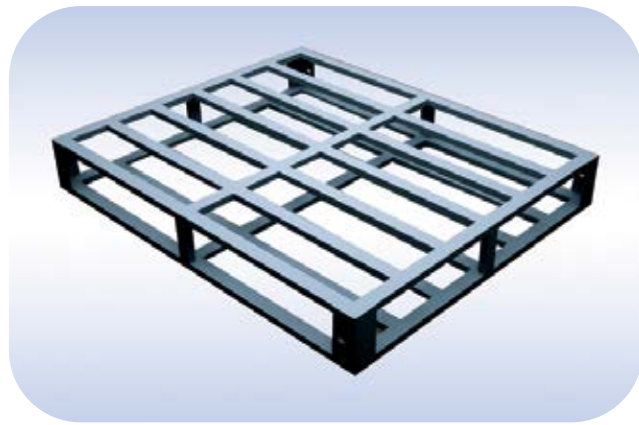
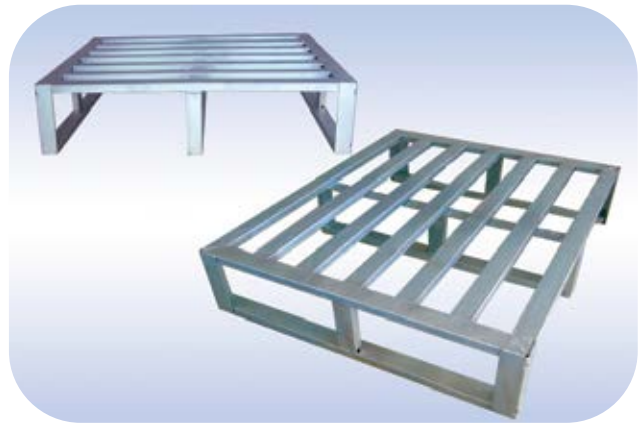
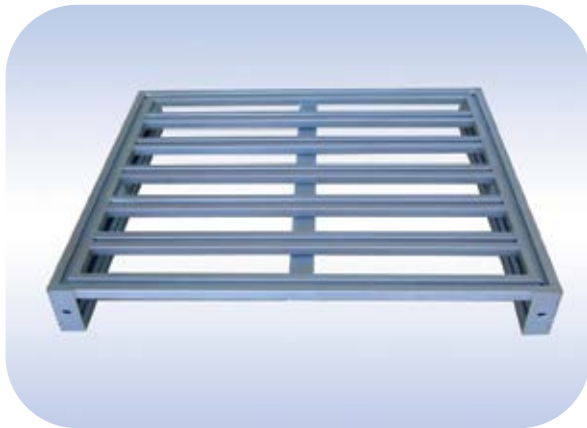
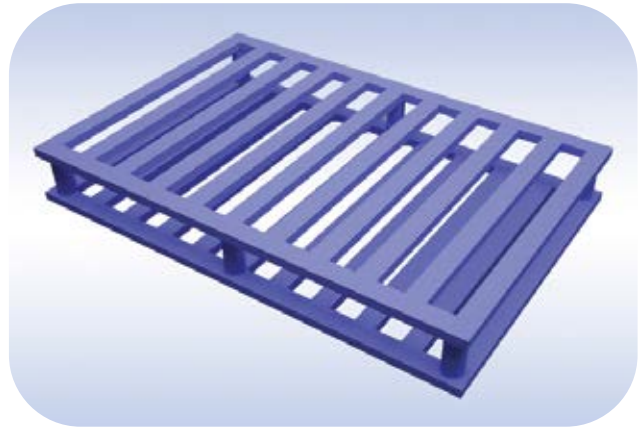
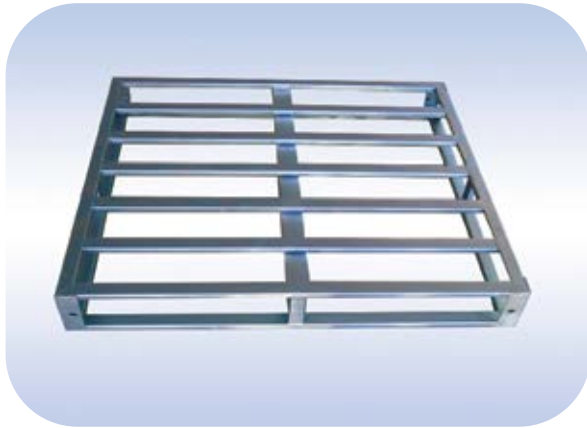
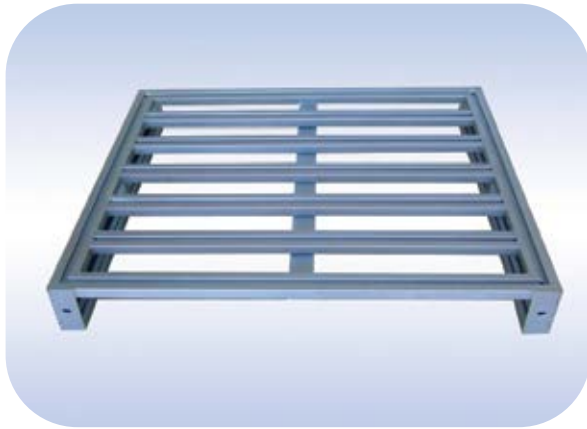








**Steel Base Pallet**





New Wooden Pallet

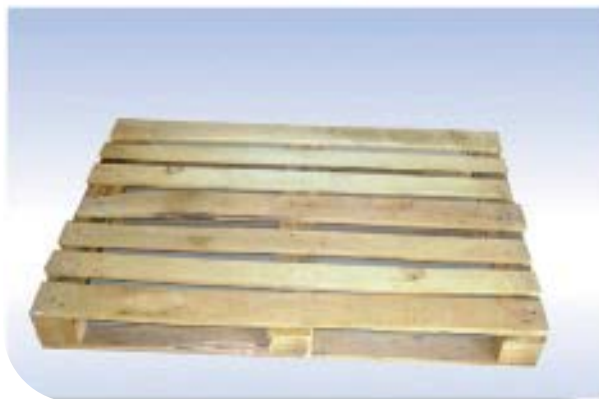
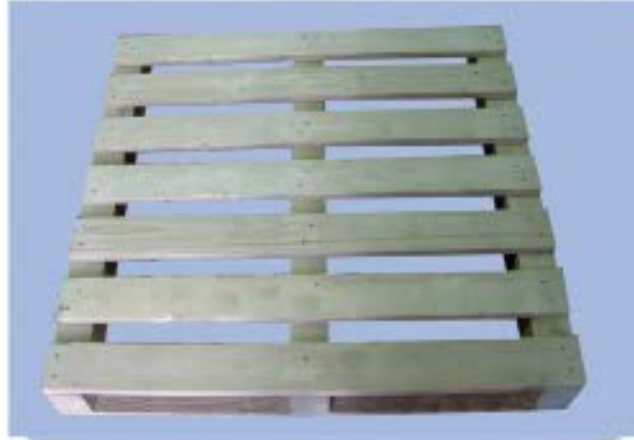






**Recondition Wooden Pallet**

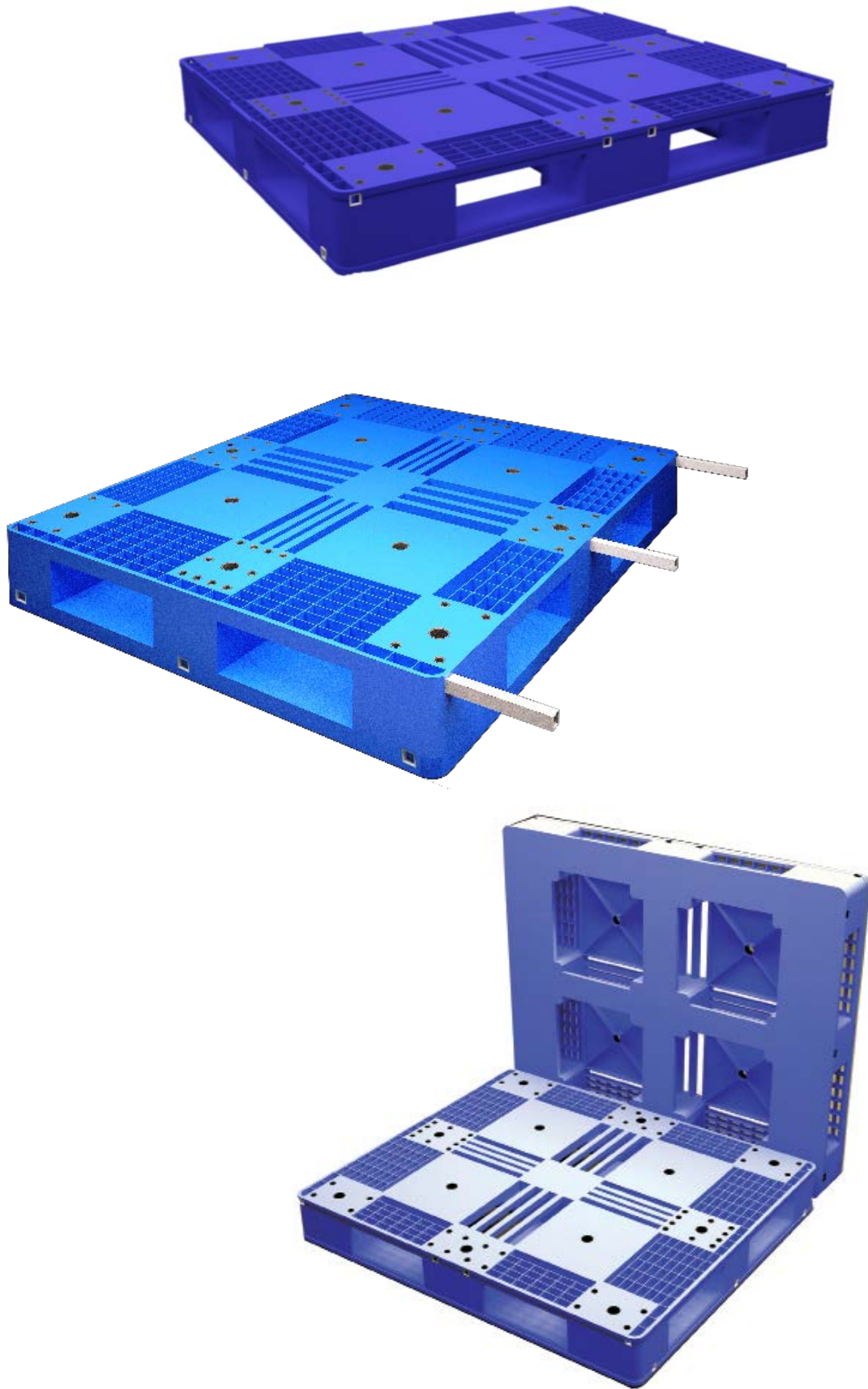








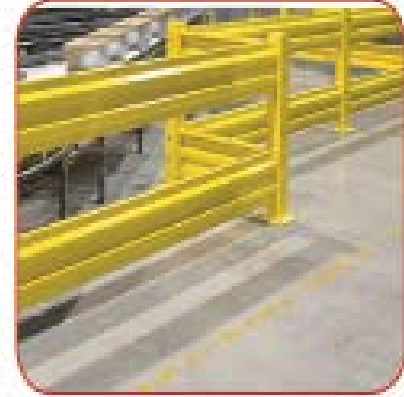
Plastic Pallet

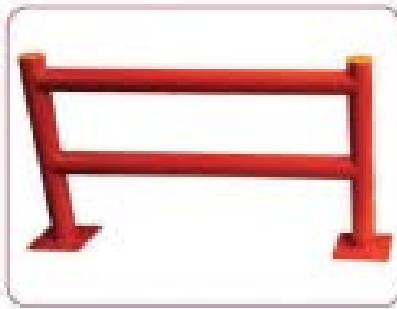
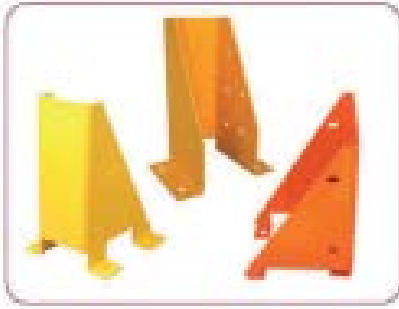


Plastic Pallet









## Machinery Guard



## Wire Mesh



### Mytho-Auto

Easy to use, 99 pre-set wrapping cycles and the possibility of programming an unlimited number of options.

Automatic standalone wrapping turntable with clamp and cutting system, simple and reliable.



### Technical Characteristics Mytho Auto

Total installed power	min. 1.2 Kw - max. 2.2 Kw
Standard input voltage	230V - 1PH - 50 Hz - 6A
Electrical system and motors protection	IP 54
Max pallet dimensions	1000 x 1200 mm
Standard pallet height	Max 2500 mm
Max capacity	2000 Kg
Table diameter	1800 mm
Maximum table rotation speed	12 rpm

### Mytho-A

Heavy duty bearing support with external pinion drive.  
Small footprint, easy transport, reduced operating costs.  
Electronically controlled pre-stretch carriage with rapid film loading system.



Wrap Machine

### Technical Characteristics Mytho-A

Total installed power	3 - 5 Kw
Standard input voltage	400V - 3PH - 50 Hz
Electrical system and motors protection	IP 54
Max pallet dimensions	Max 1200 x 1200 mm
Standard pallet height	Max 2400 mm
Max capacity	2000 Kg
Maximum table rotation speed	16 rpm

## Sfera

Propelled machine for wrapping palletized loads of any shape, weight and size with stretch film or net film, in less than a minute.

Sealed maintenance free batteries

Small footprint, easy transport, reduced operating costs.

Display touch-screen 11" easy to use, up to 99 program.



## Technical Characteristics Sfera

Total installed power	1 – 1.75 Kw
Standard input voltage	230V - 1PH – 50/60 Hz
Electrical system and motors protection	IP 54
Min pallet dimensions	600 x 600 mm
Max pallet dimensions	Pallet size can be programmed on the operating panel
Standard pallet height	Max 2050 mm
Standard pallet height with arm	Max 2400 mm
Standard pallet height with mast	Max 3500 mm
Max capacity	No loading required
Machine weight	325 Kg



## Mytho-Semi-Automatic

The easy-to-use Mytho-Easy completes our range of machines; this version features simplified operation. Multifunction programmable control panel.



Wrap Machine

### Technical Characteristics Mytho- Semi-automatic

Total installed power	1 – 1.75 Kw
Standard input voltage	230V – 1PH – 50/60 Hz
Electrical system and motors protection	IP 54
Max pallet dimensions	Max 1200 x 1200 mm
Standard pallet height	Max 2400 mm
Max capacity	2000 Kg
Maximum table rotation speed	12 rpm







## Our Projects

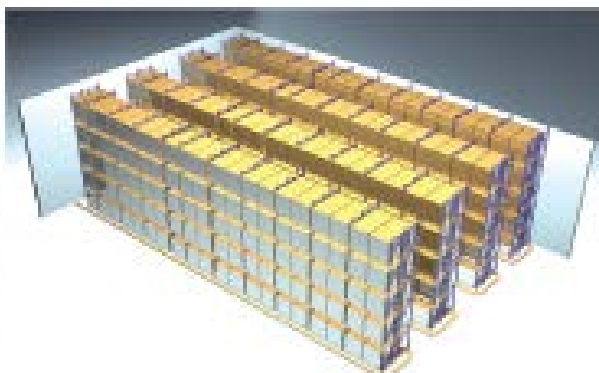
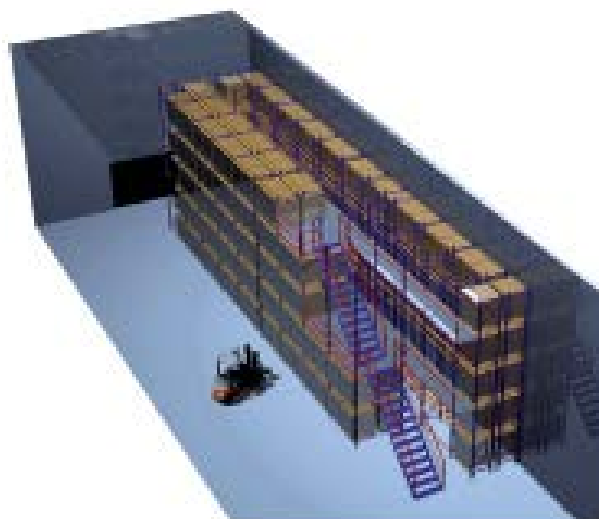
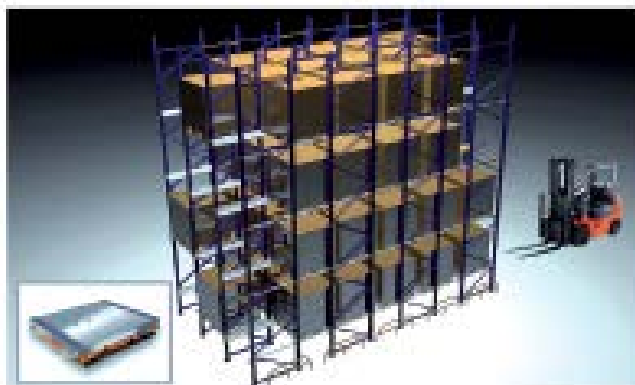
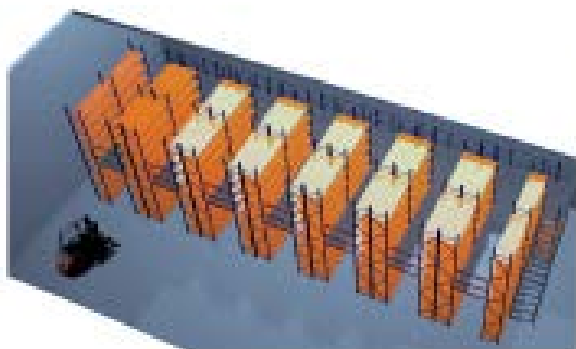




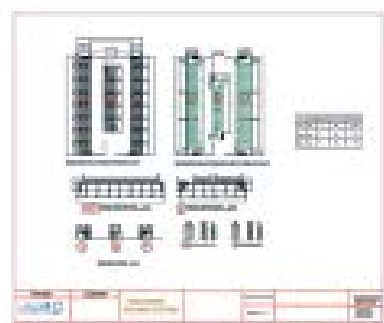
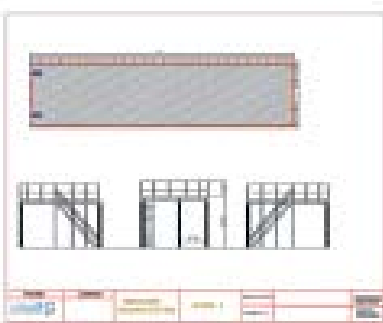
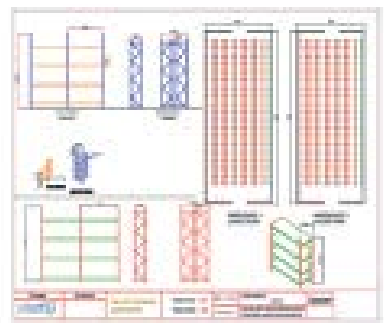
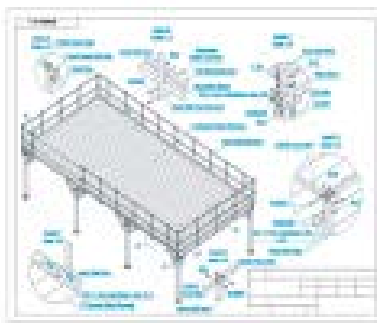
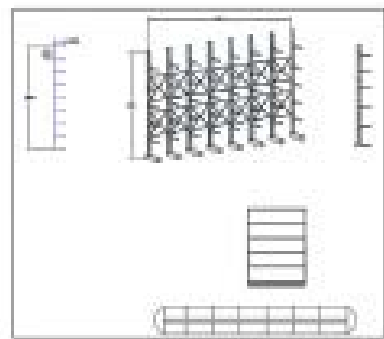
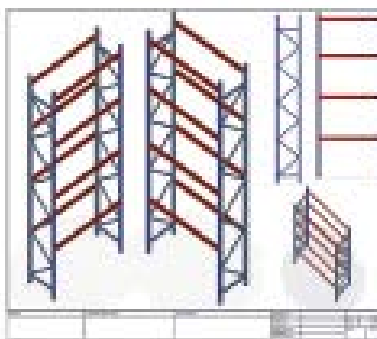
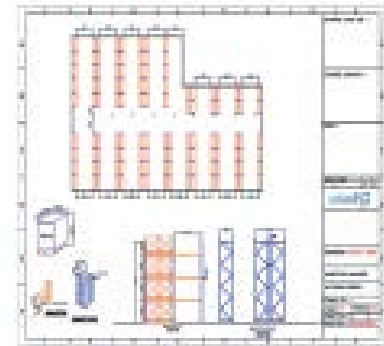
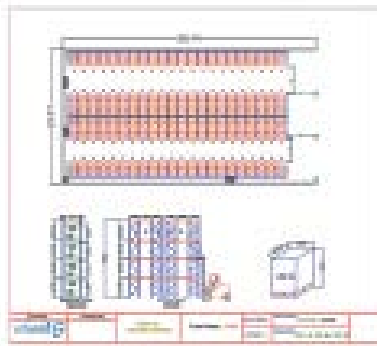
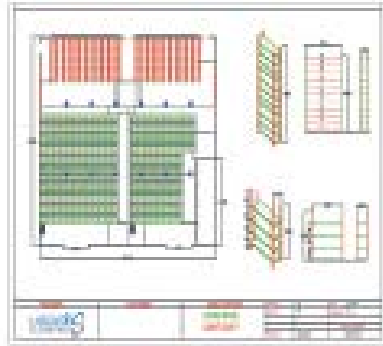


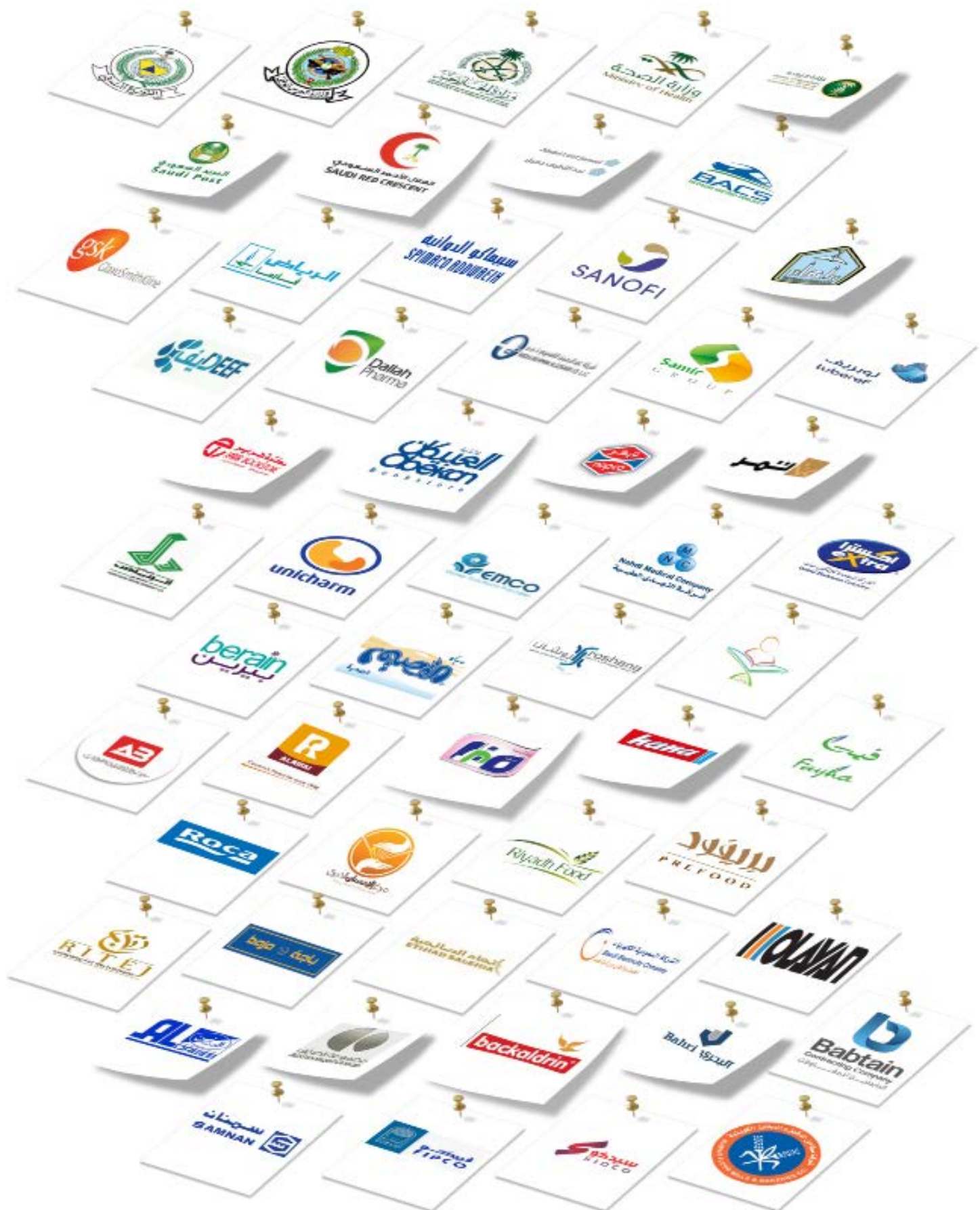


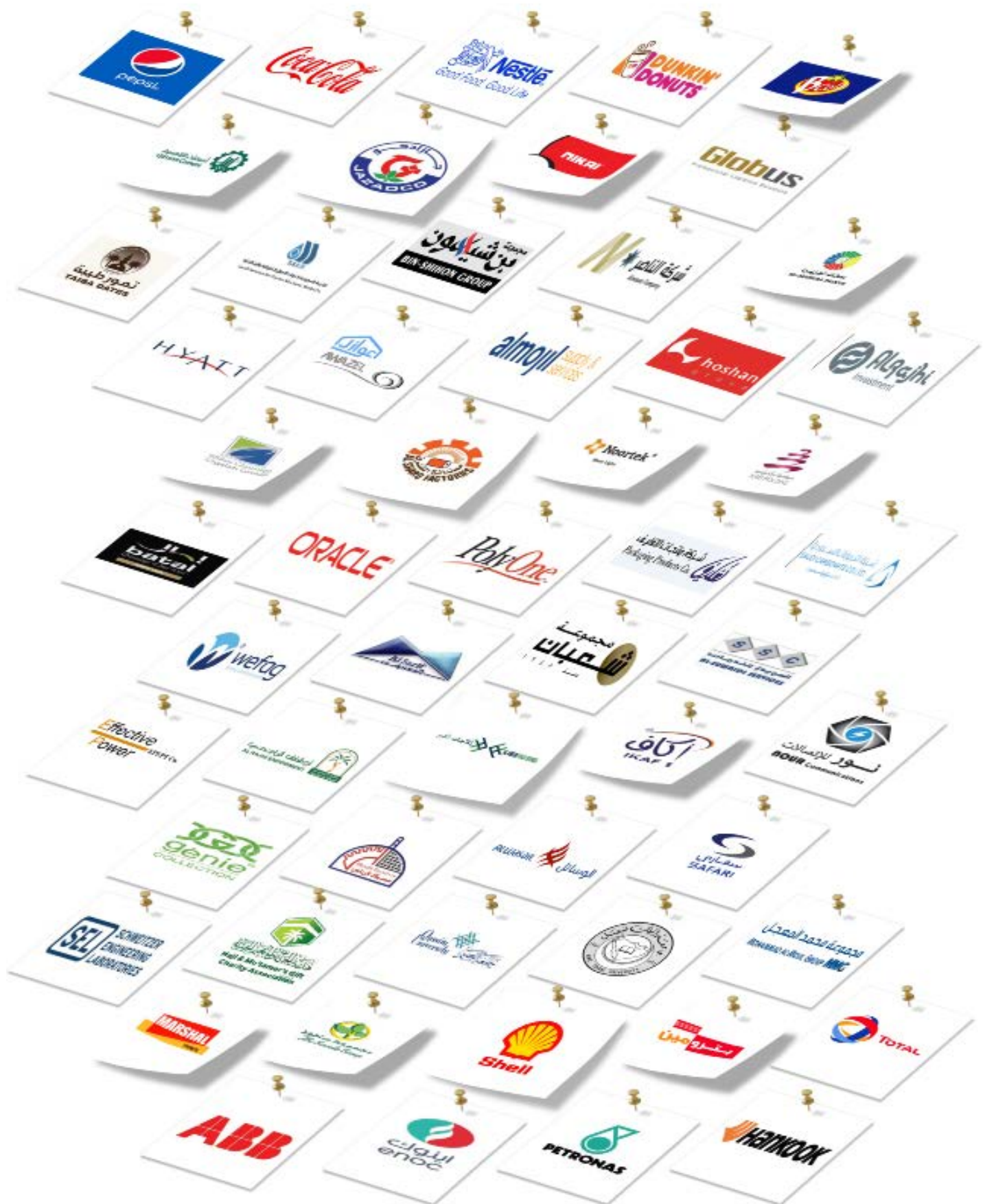
## Our Projects



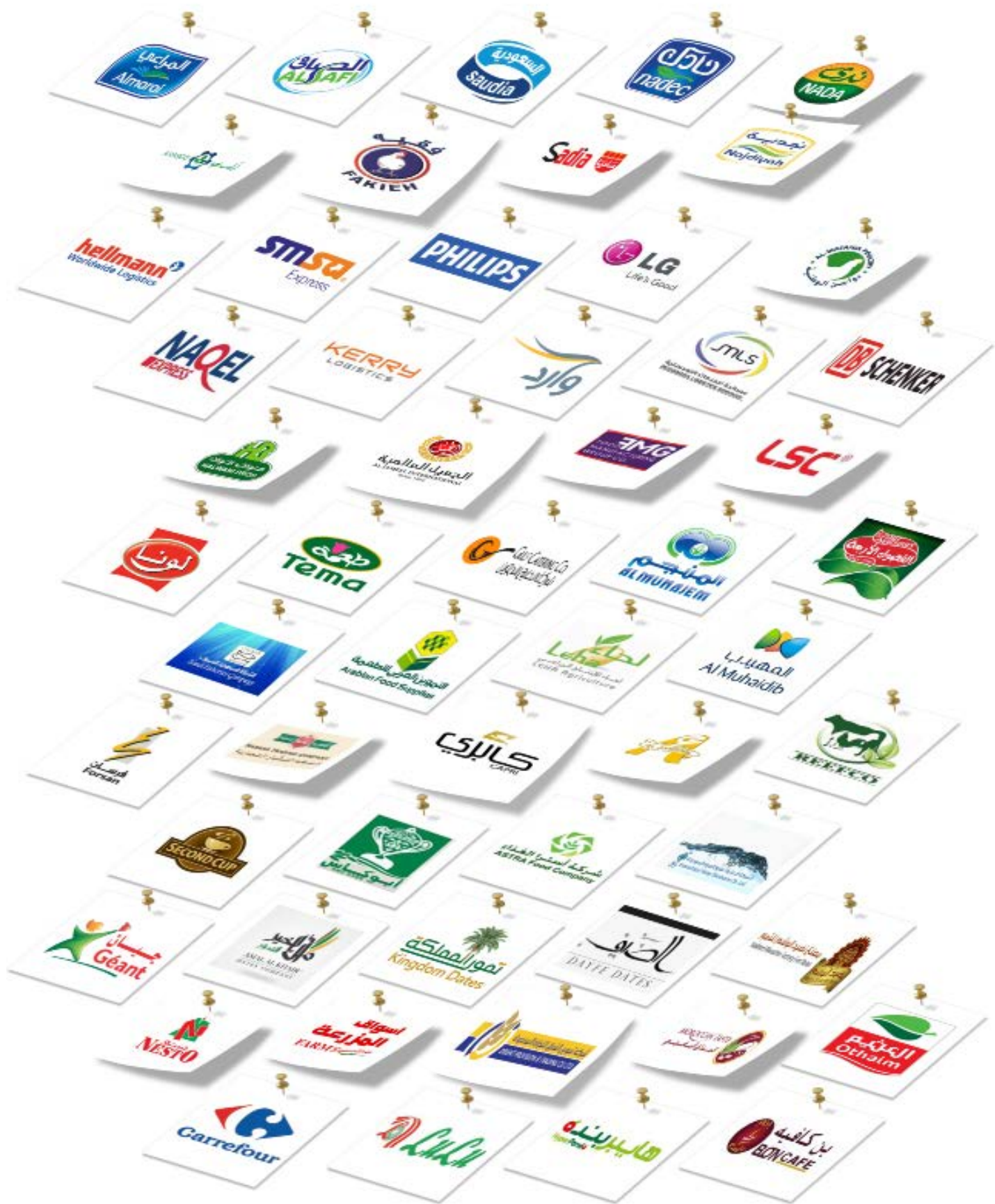


















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Logistics Services

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