



ZAWAYA



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## About us

ZAWAYA is a manufacturing company, Established to take the lead in storage and shelving industry in the middle East, By creating innovative solutions

## Our Vision

As a human based solution provider, Zawayya aims to be your business partner, and your companion in the journey for growth.

Driven by innovation and creativity we deliver the better mix of time, quality and price; that makes the first choice in the storage system in the MENA region to be always Zawayya.



## Our Mission

ZAWAYA is dedicated to providing a superior quality, innovative storage products with the most affordable price range. Our success is always depending on the satisfaction of our customers and partners in the market.

We aim to exceed and excel in the market and to develop and reach higher levels of trust in our customer base.



ZAWAYA







## Light Duty System

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T

hinking of what you can do of all the space you have even in a warehouse, a small room or an archive, the light duty system gives you the best usage, with the ability to adjust, customize or relocate the units, taking in consideration the variety of loads and dimensions that fits your needs,

Presented in two main groups:

1- Smart units: The perfect option for small weight storing; Load up to 50kg/ shelf and height up to 3m.

2- Basic units: The choice of more load with the best price; Load up to 150kg/ shelf and height up to 4m.

The unit components are:

- ➔ A- Slotted angle, cross section 4x4 cm or 4x8 cm, comes with the desired height:
  - 4 angles for the single unit,
  - 6 angles for the double connected unit,
  - 8 angles for the triple connected unit.
- ➔ B- Rectangle shelf, standard width 90 cm, with variant depth 30, 40 Or 60 cm
  - 4 or 5 shelves for the 2m height,
  - 5 or 6 shelves for the 2.5m height,
  - 6 or 7 shelves for the 3m height,
  - 7 or 8 shelves for the 4m height.





“ When it comes to the handy solution, light duty is ready to serve; affordable, adjustable, and BASIC-ly SMART. ”





## Longspan System

“

**S**olution for those who invest in the right resources to achieve the best return, in many fields of businesses or industries when you choose the manual handling for average loads, the units could be connected to cover the whole space with narrow passages using the advantage of human lifting  
Longspan System is divided according to the load as:

- 1- 250 kg per level units, height up to 3m.
- 2- 450 kg per level units, height up to 6m.
- 3- 650 kg per level units, height up to 6m.
- 4- 1000 kg per level units, height up to 8m.
- 5- 2000 kg per level units, height up to 10m.

The unit components are:

- ➔ A- Frame ; of 2 slotted uprights with the desired height connected together with multiple c-section bracing, frames are replicated according to the number of units in the row.
- ➔ B- Level; 2 beams hanging to the uprights with 2 connectors



“ If a man can left it; long span will carry it, with no tools needed, medium loads are no more an issue. ”





## Selective pallet racking

“

**A**bility, availability and accessibility means the selective pallet racking the most popular and economical system of pallet racking providing Full selectivity for pallets, it can be designed to meet virtually any pallet size or weight and can be used with all types of lift trucks.

A wide range of accessories are available to accommodate non- standard loads.

As per loads, dimensions and advantages:

- ➔ All available heights, with load up to 5 ton.
- ➔ Good Stock Rotation.
- ➔ Good Order picking; 100% selectivity.
- ➔ Average Picking rate.
- ➔ Good product protection.
- ➔ Low Floor area utilization - 30% net pallet area usage of overall warehouse area.
- ➔ Limited pallet redundancy as the system can run at 95+% capacity, with a competent Warehouse Management System [WMS].
- ➔ Popular application in most industries requiring instant accessibility of all pallets from FMCG distribution centers to general engineering or trading companies.

Mechanical Handling Equipment:

1. Walk behind or ride on stackers.
2. Counter Balance / Reach Trucks.
3. Reach Truck offers up to 30% improved use of floor space and operates to height in excess of 11+m.





“ Accessibility, Availability and selectivity are the slogan of what selective pallet racking can offer for your business. ”





## Very Narrow Aisle – VNA – High Bay storage

“

It is all about the area you have, you do not want to waste any square cm in passages, every space should be dedicated for your cargo, this is Narrow Aisle and high bay racking which combine most of the advantages of Wide Aisle Pallet Racking, but with better floor utilization by reducing the aisle width or increasing the height.

Pallet Racking Systems are designed to meet the new generation of warehouses up to 15m high, designed around the operating tolerances of VNA equipment with aisles marginally wider than the load. Such structures must have a high level of rigidity and accurate manufacturing tolerances.

It comes with a lot of advantages:

- Good Stock Rotation and order picking; 100% selectivity with fast Picking rate.
- Average Floor area utilization with 50% net pallet area usage of overall warehouse area.
- By increased operational height, can increase warehouse capacity by an additional 40% compared to other systems.
- Limited pallet redundancy as the system can run at 95+% capacity.
- RF controls on the MH equipment will ensure maximum pallet cycles per hours.
- Commonly used with Pick Up and Dispatch [P&D] stations at end of each aisle.

Mechanical Handling Equipment:

1. Specialist VNA machine – requires super flat floor surface
2. Operates within guide rails, standard or low profile, or using a wire induction guidance system which operates to a maximum height of 15m





“ Never miss a spot, and keep your choices open, the very narrow aisles features efficiency above all. ”







## Double deep Pallet racking

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**S**electivity with more capacity equals the Double deep pallet racking which increases in capacity of up to 30% above the former, while only 50% of the pallets are immediately accessible.

It requires the use of a special reach truck or an attachment fitted to reach truck, this system however provides an excellent method of increasing warehouse capacity or when alternative systems such as the Drive-In which requires high numbers of homogenous pallet types, are not possible.

Giving you the advantages of:

- ➔ Operates up to height of 10m.
- ➔ Average stock rotation with Average order picking, 50% selectivity.
- ➔ Average Floor area utilization and 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 to 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 column protectors when using MH equipment that requires the straddle leg to go below bottom beam or between pallets and upright.

Mechanical Handling Equipment :

Special machine with either pantograph or telescopic forks, or using a purpose designed attachment, which can be fitted to standard reach trucks.



“ Double the racks; double the storage, it has never been that easy, and you don't need to compromise ”





## Drive in Pallet racking

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erfection and nothing less than perfection, when it comes to the MAXIMUM capacity it is obviously the Drive-In Pallet Racking Systems, it is particularly suited to store very large quantities of homogeneous products.

Drive-In or Double Access Systems 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 Pallet Racking operates on the basis First-In Last-Out [FILO], therefore it only suits product, which is stored in sufficient volume to require multiple lanes to ensure stock rotation.

It comes with a lot of features, such as:

- Maximum storage capacity.
- Good product protection.
- Average Floor area utilisation.
- 60% net pallet area usage of overall warehouse area.
- This system is suited for manufacturers of products produced in batch, or in warehouse operations where there are limited products types and pallets cannot be safely blocked stacked.

Mechanical Handling Equipment:  
Counter Balance/ Reach Truck.





“ The MAXIMUM is your request! Drive in is what you need; leave it to Zawaya and every square cm is covered ”





## Pallet Live Storage

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**W**orking on the principle of “parts to the picker”, the Live Storage System provides excellent volume utilization on First-In First-Out (FIFO) principle.

Speed reduction units control the speed of pallets, and prevent line build up and pressure, automatic off-load separation gates and entry guides ensure ease of operation. As each lane can be used to store different commodities, more picking faces are available than with Drive-In.

Standard designed pallets can be used on full width rollers. For non- standard pallet sizes, either high-density roller or multi track systems can be provided.

A derivative of flow pallet racking it operates in complete reverse where the pallet is push up a small gradient of around 3-4% by the forklift truck, systems can be designed up to 7-8 pallets in depth but consultation with the Material Handling Supplier is recommended to ensure the machine has the capacity to push back a full loaded lane.

Push back is used as an alternative to Drive-In systems where there are insufficient homogenous pallets for a Drive-In system to operate successfully. It can offer high-density storage with different pallet types being stocked at each level, but operates on First-In Last-Out [FILO] principles.





“ A moving pallet is a precious pallet, leave it to the rollers and it shall take you to the next level of warehouses. ”







## Cantilever



**W**hatever the length; our cantilever solution can carry them all, with a heavy duty arms that carry any sort of tubes, bars, pipes, planks or rods of any length, no frames no boundaries means unlimited possibilities.

It is a continuous pay units without any obstacles in the way, in the form of uprights connected with bracing, holding the arms that features an adjustable load carrier, which could be at the suitable vertical spacing according to your needs.

Cantilever rack uprights can be supplied for single- or double-sided storage. Any required row length can be done, with a total flexibility in height and depth, you can safely store and handle your packages at ease.

This system's features are:

- Assembly with dividing pins, shelves or storage trays.
- Double-row racks constructed out of free-standing racks placed back-to-back and 3 frame connectors.
- Unique upright profile.
- Beams are installed without any play due to the conical grooves on both short sides.



“ The length is a challenge that the cantilever always wins, no limits for continuity; no limits for storage. ”





## Lockers & Office units



In daily modern life, in factories, warehouses, or schools and hospitals, even in gym, sports club and beach, or wherever people can go, we all need our personal tier to leave things in; it is Zawaya lockers, the premium solution that is divided in columns and tiers matching your needs, available in a diversity of colors.

As part of our Locker Units, Zawaya introduces for you “Zawaya Office Units”. Office units include chest of drawers, cabinets, shelf storage walls and shelving systems. They are versatile solutions to keep archives, inventories and tools well organized.

Our products come to offer you:

- ➔ Secured genuine premium key locking.
- ➔ Hangers, separators, and dividers for better organizing.
- ➔ Movable units with the best accessories.
- ➔ Smooth handling of materials reduction of search time.
- ➔ Best use of space.





“ Tier is what you need and lockers are the answer, the human productivity is in office that is comfy and a key for what people values.”





WE ARE  
PROUD  
TO SERVE  
OUR PARTNERS

ELSEWEDY  
INDUSTRIES

travco

Dusit Thani

JUHAYNA

Breadfast

EGYPT  
FOODS  
a world of snacks

INSUTECH  
International Company For Insulation Technology

MINI  
S.O.C  
名創優品



SIEMENS

LG

Schneider  
Electric

FPI  
Future Pharmaceutical industries

SUN  
PHARMA

PEUGEOT

GROUPE  
SEB

AUC

MSA  
UNIVERSITY  
Established by Dr. Nassef El Deghwi  
جامعة أكتوبر للعلوم الحديثة والآداب

ZAWAYA



WE ARE  
PROUD  
TO SERVE  
OUR PARTNERS



البنك الأهلي اليوناني



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