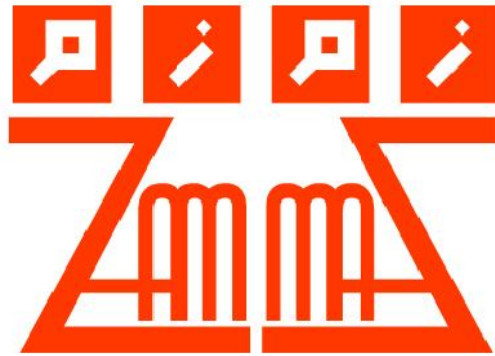


ورشة زمزم  
الاعمال الالمنيو والحدادة ذ.م.م.



STORAGE SOLUTIONS  
ADAPTED TO YOUR NEEDS

**ZAMZAM**

ALUMINUM & STEEL WORKS WORKSHOP LLC

**ZAMAM™** is a Steel and Aluminum fabrication unit of the group registered in the Emirates of Ajman. The company is equipped with state of art technology which includes well experienced and highly skilled staff and equipment's to offer a wide range of solutions for modern engineered structures.

The company offers economical and high quality technical solutions to fulfill the engineering design requirements with compatible system and components that guarantee long term durability, safety and outstanding performance for all types of designs that require:

**Our Services:**

**Complete storage systems**

- > Pallet Racking
- > Long span Racking
- > Light Duty Shelving
- > Aluminum & Gypsum Partition
- > Cantilever Racking
- > Drive-in-Racking
- > Medium Duty Racking
- > Rack Support Mezzanine
- > Parking Shed
- > VNA (Very Narrow Aisle) Racking System

**All kinds of MS Steel Structures,**

- > Structural Mezzanine
- > Structural Sheds
- > Fencing Wall
- > Metal Work

Customer service & prompt attention to the requirement of site support, technical information and prompt delivery are the corner stones by which the company measures its success. The company has made its presence in many prestigious projects in the UAE.

The company assures that the materials are readily available at every stage of every project. As part of the services offered, demonstration on the use of individual products is

- > Readily Available.
- > Cost Effective Solution
- > Timely Delivery & Installation
- > Effective use of high Quality Material

Above all our pool of qualified, energetic and talented workers

Our mission is to deliver our individual customers innovative and high quality products & services at valued prices in its own individuality.

For Projects Pictures please visit our Web:

[www.zamzamsteeluae.com](http://www.zamzamsteeluae.com)

Best Regards,

**Sulman Tariq (MD)**  
**+971 55 8083440**

## PALLETS (CONVERTER & REGULAR)

WE ARE THE LARGEST COLD STORAGE GALVANIZED PALLET CONVERTER SUPPLIERS IN THE MIDDLE EAST. FULLY AUTOMATED PRESSED STEEL FOR GALVANIZED CONVERTERS. MANUFACTURED TO STRICT INDUSTRIAL STANDARDS.

HEAVY GAUGE QUALITY STEEL TO ASTM A-36 USED FOR FABRICATION OF BRAND COLD STORAGE GALVANIZED CONVERTERS.

HEAVY MIG WELDING ON FOR COLD STORAGE GALVANIZED CONVERTERS ENSURES LONG LIFE. HEAVY HOT DIP GALVANIZING GIVES OUR GALVANIZED COLD STORAGE CONVERTERS VERY LONG LIFE AND RUST FREE ENVIRONMENT.

OUR SUPERIOR QUALITY HAS MADE US THE BEST CHOICE FOR GALVANIZED COLD STORAGE CONVERTERS.



## PALLETS (CONVERTER & REGULAR)

WE ARE THE LARGEST PALLET MAKING SUPPLIERS IN THE MIDDLE EAST.  
MANUFACTURED TO STRICT INDUSTRIAL STANDARDS.  
HEAVY GAUGE QUALITY STEEL USED FOR FABRICATION.  
HEAVY MIG WELDING ENSURES LONG LIFE.  
GIVES OUR POWDER COATING VERY LONG LIFE AND RUST FREE ENVIRONMENT.  
NORMAL AND COOL STORAGE PALLET MADE WITH TUBES & SHEETS BENDING PROCESS.





## PALLET RACKING

### Regular Aisle selective pallet racking

Regular aisle Selective pallet racking is the best solution for warehouse where it is necessary to keep a wide variety of articles in pallets. It provides direct access to all pallets for 100% accessibility and good stock rotation.

Pallets can be located, Accessed and move individually providing rapid handling of pelletized goods.

It provides easy beam adjustment and accommodates variable pallet heights.

Lower level pallets can be located on the floor for picking purposes, which reduces structure costs.

Alternatively additional shelving beams can be added for lower level picking.

This system is infinitely adjustable and offers a wide range of options and components to accommodate specialized load types. The simplest of all pallet racking storage systems provides access to every pallet.

Low cost equipment can be used offering simple adjustability and adaptability.



## HEAVY DUTY LONG SPAN RACKING

### Heavy Duty Long Span Racking

Heavy-duty racking is the ideal solution for storing heavy-duty pelletized and non-palletized goods.

It's built by pallet racking Frames, Beams or standard boxed beams with special clips and shelves.

It can be incorporated into pallet racking to maximize storage capacity, Picking face and minimize storage space.

Characteristics of Heavy Duty Racking:

1. Heavy duty racking is a kind of assembly type industrial shelving that can be used to store various kinds of bulk cargo.
2. Separate shelf frame and shelf boards are available.
3. The shelf frame is installed with shims and floor fixing bolts.
4. Our heavy duty racking is very safe and secure.

As a professional heavy duty racking manufacturer in UAE,

Our heavy duty racking, Material handling equipment and other products are very popular in UAE, and the Middle East.





## MEDIUM DUTY LONG SPAN SHELVING

**Long Span Shelving** is designed for everyday use in many different applications with a simple frame, beam and shelf configuration which can be adjusted at 25mm and 50mm intervals as your option. Long span Shelving Systems incorporates a wide range of beams and frames, Making it easy to customize to meet your precise needs. The structure is created by connecting the beams into the frames. The beam is capable of withstanding heavy loading commonly between **300~600KG/Layer**. The layers can be completed by shelf panels, Wire decking, chipboard, steel or wood, lots of high-performance accessories are also available to extend the versatility of Steel's Long span Shelving. They can also design for multi-tier racking used for Mezzanine system or Automotive fittings.

- Longer length shelving with a heavier weight loading
- All shelves are fully adjustable at 25mm or 50mm Pitch at option
- Easily assembled in minutes
- Frames can be arranged delivered assembled
- Powder coated paint finish or we can arrange hot-dipped GAL for cold storage which is lifetime rust free
- Increase your storage space by adding extension levels & units



## CANTILEVER RACKING

**Heavy duty Cantilever Rack** is the ideal solution for storing long or heavy items such as: Pipe, Tubing or lumber. It is designed to manage loads of varying length and proportion. They can be completely accessible from the front without any of the horizontal restrictions of traditional pallet rack. Without front column obstruction, the entire length of the rack may be used for storage. Cantilever Racks is designed for single and double sided Tower use. Towers are pre-punched on both sides for customized usage.

### The Base

- A horizontal base is bolted to a column
- Horizontal base use expansion anchor bolts to connect the floor
- Base made from High Tensile Steel
- If needed, we will use Stiffener to increase the capacity.

### The Arm

- Cantilever arms are the heart of the rack system. Proper selection can make or break a successful storage plan.
- Arms can be adjusted on 50~100mm centers up and down the upright and are available in many colors.
- We have a number of arms for options.





## DRIVE - IN - RACKING

Drive-In racking is used where high-density storage is required. It is frequently used in facilities with a low number of product lines. Pallets are stored in a block system with a reduced number of aisles. Fork-lifts drive into the racking between uprights to load or retrieve pallets. The first pallet in is the last one out. High-density storage with minimal aisle space allowing maximum cubic storage space. Drive-In Racking is ideal for;

- Bulk Storage.
- Cold storage applications - to store as many pallets in as little expensive freezer space as possible.
- A large amount of similar items that can be stored in a single pallet position and accessed last-in, first-out.
- Seasonal items that move quickly out of your inventory.
- If you don't store a wide variety of loads in the rack.
- Easily damaged or fragile loads, which cannot be block stacked.

Drive-In Racks allow a forklift to enter the rack from one side to pick up or pull out pallets. This is done because pallets can slide backwards on a continuous rail. Forklifts drive into the rack to access pallets.

This is a last-in, first-out arrangement for your pallets. Drive-In Racking can be used by any forklift trucks.

Self-centered rails automatically position pallets quickly and safely.

This ensures that pallets are presented correctly to the operator, promoting safe handling, ease of use and reducing damage to the rails and uprights.





## LIGHT DUTY SHELVING

The angle shelving is economical ,easy to install , nice looking , flexible composition and wide usage ,  
Our Adjustable Angle Iron Shelving is the ideal storage system when Adjustability is required .  
Used universal angle iron as the upright, is assembled by connective or inserting,  
Method for convenient installation . The adjustable distance of steel shelf panel is 50mm apart for multiple usage.  
Strong and stable, with a wide range of shelf sizes, Our Adjustable Angle Iron Shelving will support weights  
ranging from 50 kg to 100kg per shelf ,evenly distributed.  
Single bays can comfortably support a total weight of 500 kg .





## BOLT FREE SHELVING

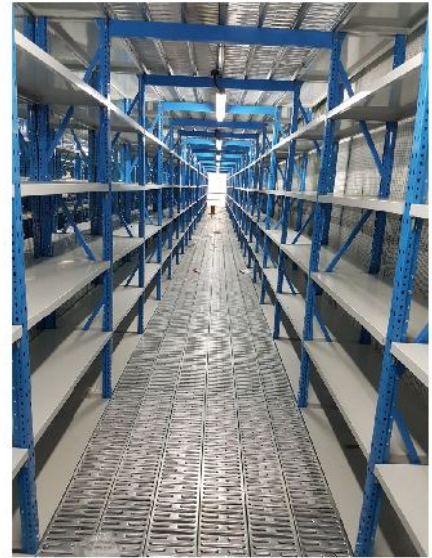
The Bolt Free Shelving is economical, easy to install, nice looking, flexible composition and wide usage, Our Adjustable Shelves is the ideal storage system when Adjustability is required.

Used iron upright, is assembled by connective or inserting,

Method for convenient installation. The adjustable distance of steel shelf panel is 25mm apart for multiple usage.

Strong and stable, with a wide range of shelf sizes, Our Adjustable Shelving will support weights ranging from 50 kg to 150kg per shelf, evenly distributed.

Single unit can comfortably support a total weight of 1000 kg.





## RACK SUPPORT MEZZANINE

### Racking support mezzanine

For indicating the space economization, **Mezzanine** can be used in many conditions. Mezzanines are stand alone structures that are normally constructed within a building or other type of open facility. They are typically designed as large square- or rectangular-shaped decks, providing open space directly below the mezzanine. Mezzanines maximize clear space both on top of and below the mezzanine. Mezzanines are available in a number of configurations. Structural mezzanines move open space to the top of the mezzanine and contain shelving or rack units below. Free standing mezzanines do not have these structural reinforcements, but make use of columns to support the mezzanine and the weight of its load. Many mezzanines are modular. By means of adding hoist, aisle self-lock, fireproof and many auxiliary devices, it can be supply a big volume stereo storage plan settlement. The mezzanine is extensively used in the condition of high warehouse, small goods, manual access.

It can make full use of the space and save the area of the warehouse. According to the actual field and specific requirements, it could be designed as single or multiple mezzanine, normally 2-3 layers. It is specifically used for sorting storage of automotive fittings, electronic devices.

It could carry about 500KG/Square Meters and other special usage can be deigned by us. The general ways of transportation from 2nd floor to 3rd floor are: manual, elevating table, hoisting machine, conveying belt, forklift, etc.





## VNA (VERY NARROW AISLE) SYSTEM

Very Narrow Aisle pallet racking makes optimum use of floor area and roof height while at the same time providing high density storage with 100% accessibility and good stock rotation. The system is served by specialized high forklift rotating material handling devices operating in very narrow aisle. The benefit being up to 50% saving in aisle width when compared to counter balance forklift, whilst achieving up to double the stacking height. AS the forklift is guided within the aisle the risk of damage is minimized, resulting in lower maintenance. Very flat floors, close tolerance racking, carefully located pallets of uniform size and stock location systems are all prerequisites for successful narrow aisle systems. Floor guidance in the aisles is mandatory and the design interface between all aspects of their systems is needed.

### Advantages

1. Floor mounted free roaming trucks as flexible in multi-aisles
2. High speed through put with specialized equipment.
3. Controlled material handling provides safe and damage free environment.
4. High average locations used 95%, for 100% accessibility , good stock rotation and 50% floor utilization with high cube available



## STRUCTURAL MEZZANINE (PLATE FORM)

Steel Structure Shed, In modern construction style steel structure is provide the basic strength of buildings.

Protect for Earth quick & ready made members available for quickly installations.

For warehouse storage & space for workshops. Steel structure provide you big span of roofing.

Industrial or storage areas which require for warehouse space.

Directly on the ground floor. Columns & Main beams are made by (UC, UB) and the Z-Purling & Roofing are made by Profiles with single Sheets or sandwich panels with PU foam for protect the Heat & Cold weathers.

Design of structure are based on the wind load pressures, Soil test etc.

·Additional space can be created for free style storage. Goods can be stored with or without pallets and racks;

·Pillars of pipes or tubes (RHS,SHS) with "I" beam to form up the basic structure;

·Floor deck comes in solid, perforated, flat, and corrugated and bar grating types;

·Depending on the height of the warehouse, steel platform can be structured for multilevel;

·More than a dozen types of uprights to meet different needs;





## STRUCTURAL SHED

Steel Structure Shed, In modern construction style steel structure is provide the basic strength of buildings. Protect for Earth quick & ready made members available for quickly installations. For warehouse storage & space for workshops. Steel structure provide you big span of roofing. Industrial or storage areas which require for warehouse space. Directly on the ground floor. Columns & Main beams are made by (UC, UB) and the Z-Purling & Roofing are made by Profiles with single Sheets or sandwich panels with PU foam for protect the Heat & Cold weathers. Design of structure are based on the wind load pressures, Soil test etc.



## ALUMINUM WORK

### ALUMINUM EXTRUSION FOR MODERN LIFE CONSTRUCTION:

- Quickly fabrication & assembled at any place
- Rust free material with powder coated finish
- Easy to dismantling & shifting ir re assembling
- Combination of Glass & Sheets
- Top suspended ceiling with Lights
- Aluminum doors & windows light weight & long life against wooden material
- Wall cladding of buildings, Aluminum skids for outdoor





MISCELLANEOUS WORK



PARKING SHED (CLOTH)



PARKING SHED (SHEET ROOF)



OUT DOOR FENCING



IN DOOR FENCING



FLOOR COATING



METAL WORK



OUT DOOR CABINS



AC, ELECTRIC ETC.

PRODUCT SPECIFICATION



**Heavy Duty Upright Frame:**

Upright size 90 x 70 x 1.6 ~ 1.8mm thick  
Height Frame 8000 x up to 1500mm

(Finish: RAL 5015 / Special color on demand)



**Galvanized Upright**



**Heavy Duty Beam Sections:**

90/100/110/120/130/140/150x50x1.5~1.7mm thick  
Length of Beam up to 4500mm

(Finish: RAL 2000/2004 / Special color on demand)



**Medium Duty Upright Frame:** 55 x 50 x 1.5mm thick

Height Frame 3000 x up to 900mm

(Finish: RAL 5015 / Special color on demand)

**Medium Duty Beam Sections:**

Box 50x50x.5mm / 40x40x1.5mm

Length of Beam up to 2400mm

(Finish: RAL 2000/2004 / Special color on demand)



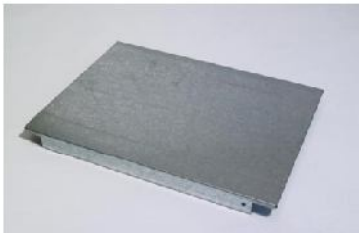
**Bolt Free Shelving:**

Medium Duty Upright: 50x50x1.5mm

(Finish: Galvanized & Powder coated)

Shelves: Length up to 1500 x 900mm

(Finish: Galvanized & Powder coated)



**Galvanized Panel**