



 **RACKMEZZ**  
RACK SUPPORTED MULTI-LEVEL STORAGE

 **BANAIR**



# RACKMEZZ

## RACK SUPPORTED MULTI-LEVEL STORAGE



### LIFETIME WARRANTY

Protecting your investment with our stamp of quality backed up with decades of experience



### ADAPTABLE

Optimize storage potential using unique multi-level rack supported mezzanine. BULK / SUPPLY / OPEN SPACE



### SMALL PART STORAGE SHELVES

Roll out shelves & Heavy duty drawers  
Small parts bins



### FIRE CODE COMPLIANT FLOW-THRU

Designed pallets and FLUE SPACERS as STANDARD to meet strict fire codes (NFPA13 and UFC 3-600-01)



### ADJUSTABLE IARS PALLETS

BANAI R Pallets can be vertically positioned in 6in increments, and adjusted in moments without inventory



### DURABLE

Designed tough for demanding workplace environments.  
Built to last. Lifetime Warranty.



### DESIGNED TO INDUSTRY STANDARDS

BANAI R Systems are designed to strict Rack Manufacturer's Institute (RMI) codes, protecting your workforce, inventory and investment.



### SPACE SAVING

The original and best way to optimize your available warehouse cube: eliminate stored air. BANAI R.



### RECONFIGURABLE

All BANAI R systems are designed to adapt to suit your changing mission.

**RACKMEZZ** can be configured to fit inside almost any existing building, thereby maximizing available storage volume and create multi-level storage structures.



**BAN-AIR RACKMEZZ** gives users the potential to configure picking routes and resupply shelves at the most optimum location for their needs, maximizing efficiency and storage density.

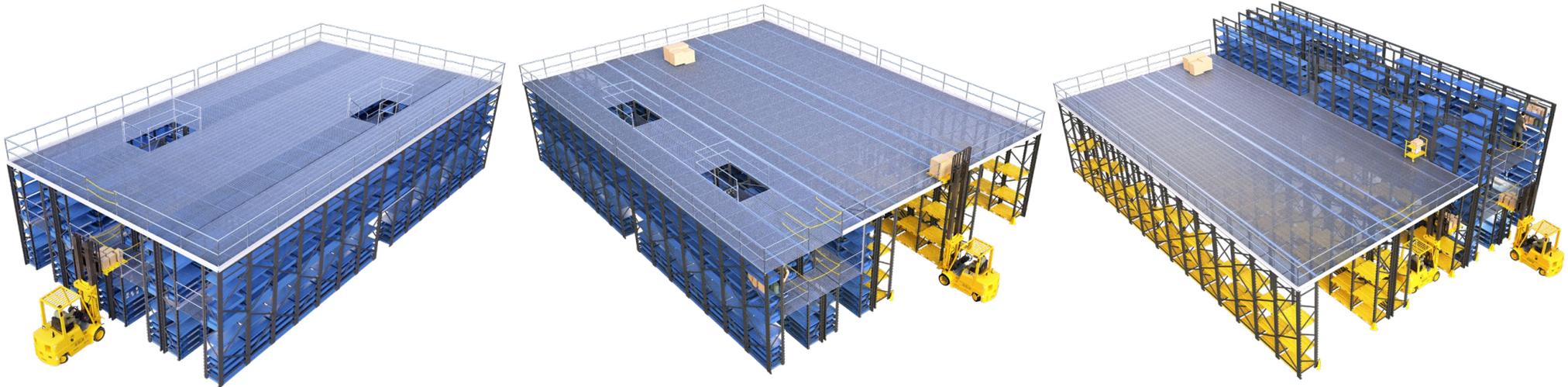
LIFETIME WARRANTY for peace of mind of your storage investment



FOR FLEXIBILITY TO STORE LIGHTER & BULKIER ITEMS ABOVE. THE DOUBLE TIER PICKING SYSTEM, MAKING ADVANTAGE OF OTHERWISE WASTED SPACE

CREATE A VERY FLEXIBLE SYSTEM FOR PALLETS, SMALL PARTS PICKING/PACKING, AS WELL AS BULK PACKAGING MATERIALS ABOVE

3 LEVEL RACKMEZZ WITH BAN-AIR I.A.R.S OPEN MEZZANINE DECK WITH ACCESS FROM RACKMEZZ

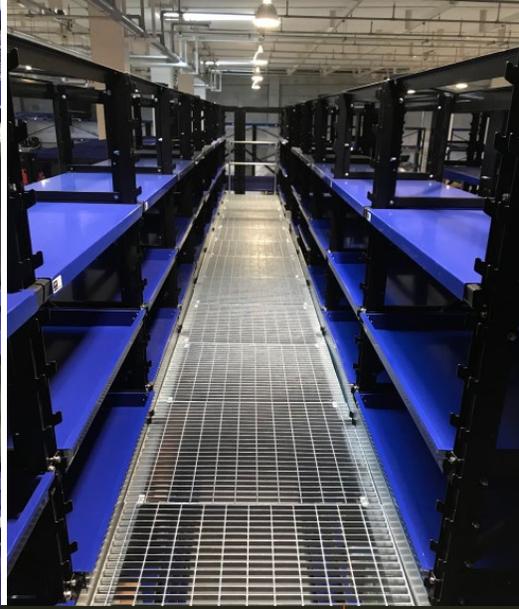




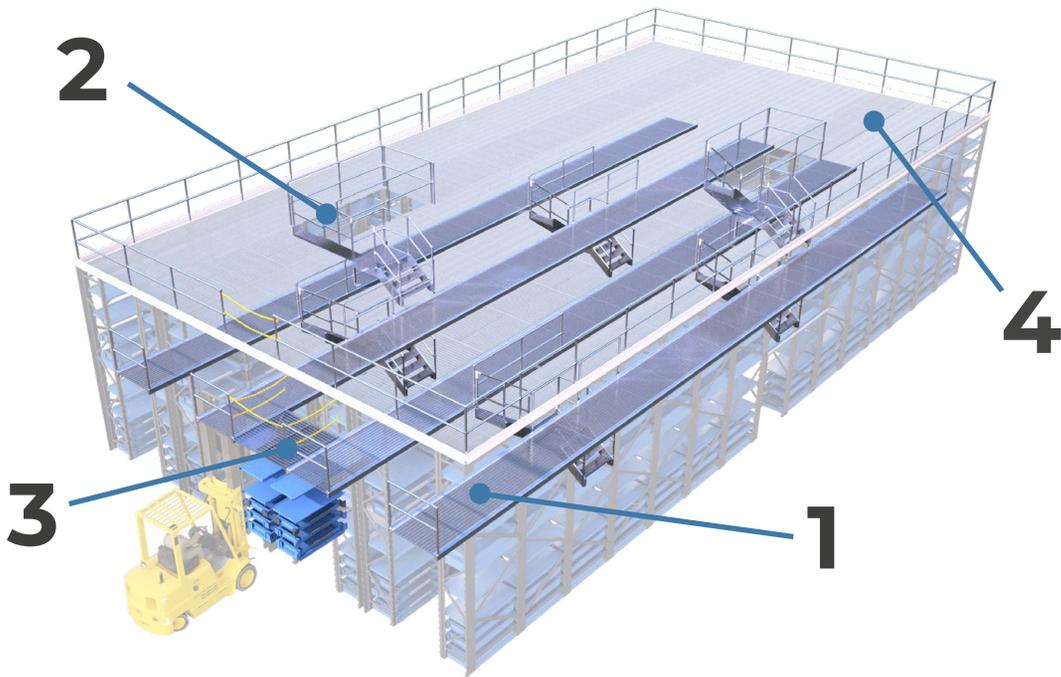
**STAIR KITS /  
WALKWAYS**



**INTEGRATED ACCESSORIES:  
SMALL PARTS BINS**



**ROLL-OUT SHELVES &  
HEAVY DUTY DRAWERS**



**RACKMEZZ** is built upon the outstandingly flexible Instantly Adjustable Rack System (IARS) from BAN-AIR which comes with a LIFETIME WARRANTY.

As the rack is free-standing, the IARS system allows users to retrieve, relocate and reconfigure the fully loaded systems with just a regular forklift. This allows the storage solution to adapt almost daily to your changing mission requirements.

**RACKMEZZ** takes this already versatile rack system to the next level by combining adjustable mezzanine walkways, internal space-efficient stair kits, pallet gates, and open mezzanine decking to create incredibly versatile and integrated storage structures

- 1** Adjustable Mezzanine Walkways
- 2** Stair Kit
- 3** Pallet Gate
- 4** Open Mezzanine Deck





**RACKMEZZ** is built upon the extremely durable and free-standing Instantly Adjustable Rack System (**IARS**) from **BAN-AIR**. When creating larger **RACKMEZZ** systems using this robust building block as its base, the resulting storage structures are incredibly rigid and robust, providing a lifetime's use in demanding service and peace of mind in areas of heightened seismic activity.

- **INSTANTLY ADJUST BAN-AIR PALLETS**

Ban-Air pallets can be positioned on 6" increments

- **DURABLE**

Structural and polyester powder-coated finish (with optional hot-dip)

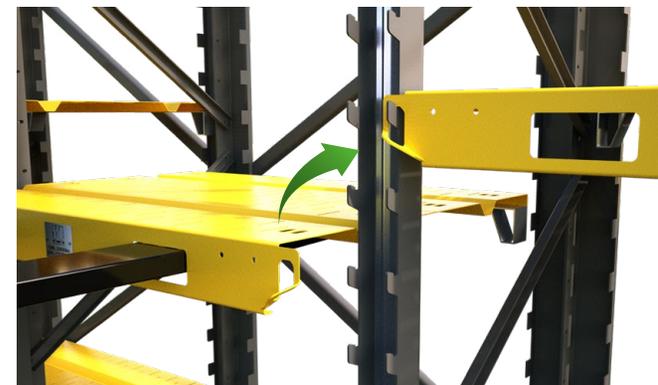
- **LIFETIME WARRANTY**

Protecting your investment with our stamp of quality

- **INSTANTLY ACCESSIBLE**

Retrieve any load instantly from with the IARS rack

**Ban-Air<sup>®</sup>** rack systems allow the shelves to engage the rack at 6in increments, optimizing storage volume and saving space:



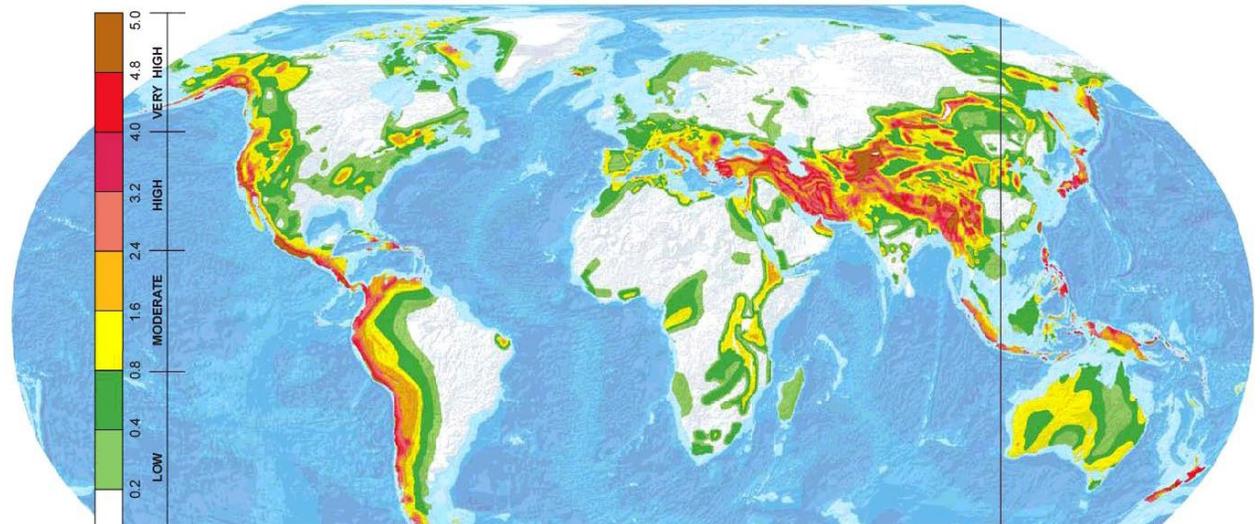
# SEISMIC PERFORMANCE

In terms of SEISMIC performance, the RACKMEZZ configuration addresses and improves on what is already standard with BAN-AIR IARS. By using bolted walkways and structural grade steel flooring panels, now the multiple rows of racking are braced together to create a large-scale structures to withstand the most extreme seismic events. All stair kits are fully enclosed and sheeted with anti-fall steel panels, allowing users to use stairs safely in an emergency. Emergency lighting provides illumination to exits and robust steel handrails surround all upper areas of personnel traffic.

RACKMEZZ has been designed to offer superior performance in areas of the world that are prone to seismic activity and the BAN-AIR solution is both tried and tested and unique in its approach. Normal beam racking systems rely on each beam platform for the overall racking stability – there are no other bracing members holding up each frame, the platforms do all the work. In extreme seismic conditions this rigidity of connection at the platform levels is a major disadvantage and frequently results in product literally shaking out of the rack, causing the greatest risk of personnel injury. The energy has nowhere to go but forcing the



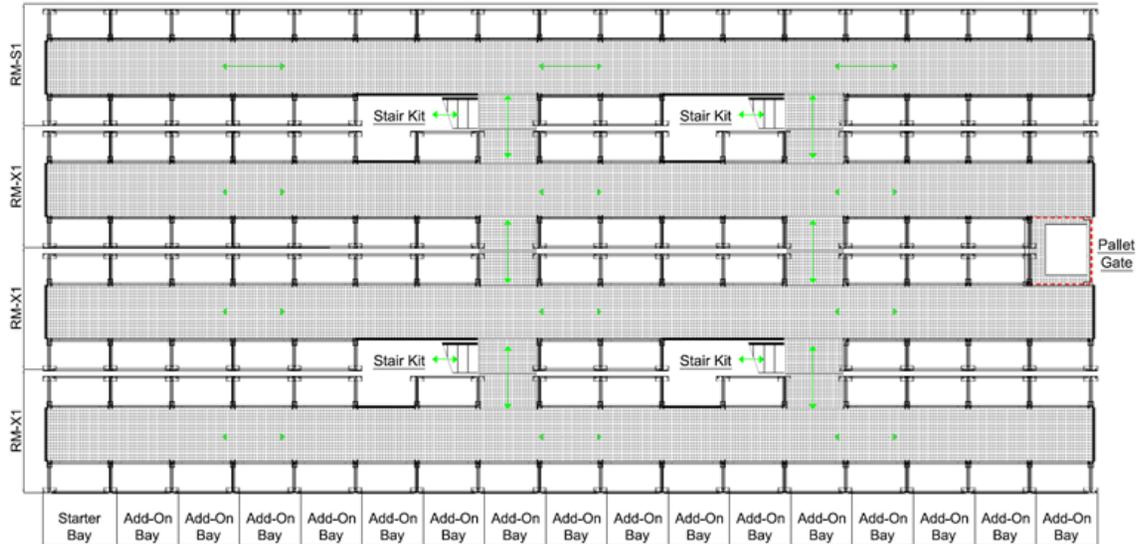
IARS is totally different as the rack is free-standing and each frame is rigidly braced using structural steel channels, so the system is fully supported even without any IARS steel pallets being fitted. Using these structural bracing channels significantly out-performs flat-strip steel by providing resistance in tension and compression (resisting both pushing and pulling forces). The IARS system has also been designed from the outset to allow for racking bay and add-on sections to be upgraded by the fitting of additional seismic reinforcement bracing for extra peace of mind.



**RACKMEZZ – proven seismic peace-of-mind. With a LIFETIME WARRANTY**



# RACKMEZZ SPECIFICATION

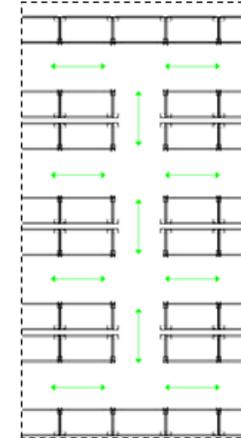


Footprint (ft)	Number of Aisles	System Depth (ft)	System Depth (mm)
Starter two rows at 30" Racking	1 x RM-S1	9'-4 1/4"	2852
Increase two rows at 30" Racking	1 X RM-X1	+9'-9"	+2972
Starter two rows at 42" Racking	1 x RM-S1	11'-4 1/4"	3480
Increase two rows at 42" Racking	1 X RM-X1	+11'-9"	+3580
Starter two rows at 48" Racking	1 x RM-S1	12'-4 1/4"	3758
Increase two rows at 48" Racking	1 X RM-X1	+12'-9"	+3888

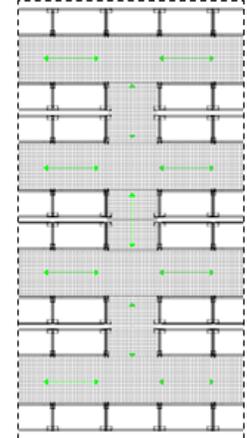
Access bays can be placed anywhere in the system to reduce the distance to the pick face, this offers dynamic flexibility and order picking and product replenishment becomes a seamless, integrated process. Ideal for:

- Inventory with stock rotation
- Dense storage of multiple line items
- High throughput warehouses
- Numerous picking teams

Floor Level



Decking Level



Example above for a RACKMEZZ as per a decking level configuration

## RACKMEZZ Drawer



The Ban-Air IARS Drawer system offers in-rack drawer capability for smaller item storage

400lbs capacity

## RACKMEZZ Roll Out Shelf



IARS Roll-Out Shelves can be positioned throughout the rack system to optimize storage of smaller items with the bulk rack

400lbs capacity

## RACKMEZZ Fixed Shelf



Efficient IARS Fixed Shelves are available to slot into standard IARS rack to support lighter loads

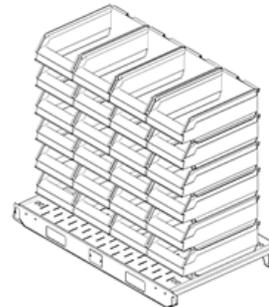
400lbs capacity

## Partitioning Kits



The Ban-Air IARS Partition Kit is a readily-moveable storage solution for small boxed items. Partitioning Kit Dividers are provided (one per unit as standard = PK30D) to split the position into multiple compartments.

## Bin Modules



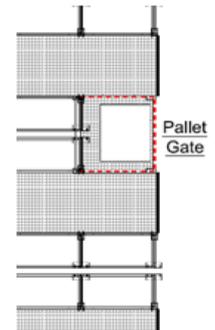
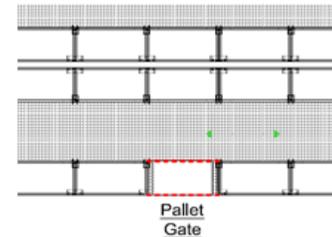
Modular, flexible, and expandable pallet accessories from Ban-Air, rapidly re-configured to meet daily operational requirements.

Ban-Air Bin Modules take 12 or 24 custom molded storage bins, each offering approximately 1.1 cubic feet of storage each.

Pallet Gate bays can be placed anywhere in the system

In all warehouse and factory environments, mezzanine pallet safety gates play a central role in the improvement of safety.

When unloading and loading goods, pallet gates prevent personnel from falling from an exposed edge or carrying stock up stairs





**MANUFACTURER**

**WWW.BAN-AIR.COM**

**SALES@BAN-AIR.COM**

**+44 121 401 1122 (EUROPE)**

**+1 919 753 8429 (USA)**