



# RECO STORAGE SYSTEMS PVT. LTD.

An ISO 9001:2015 Certified Company



*Manufacturers of  
Modern Storage Systems*

SPACE  
CREATORS



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

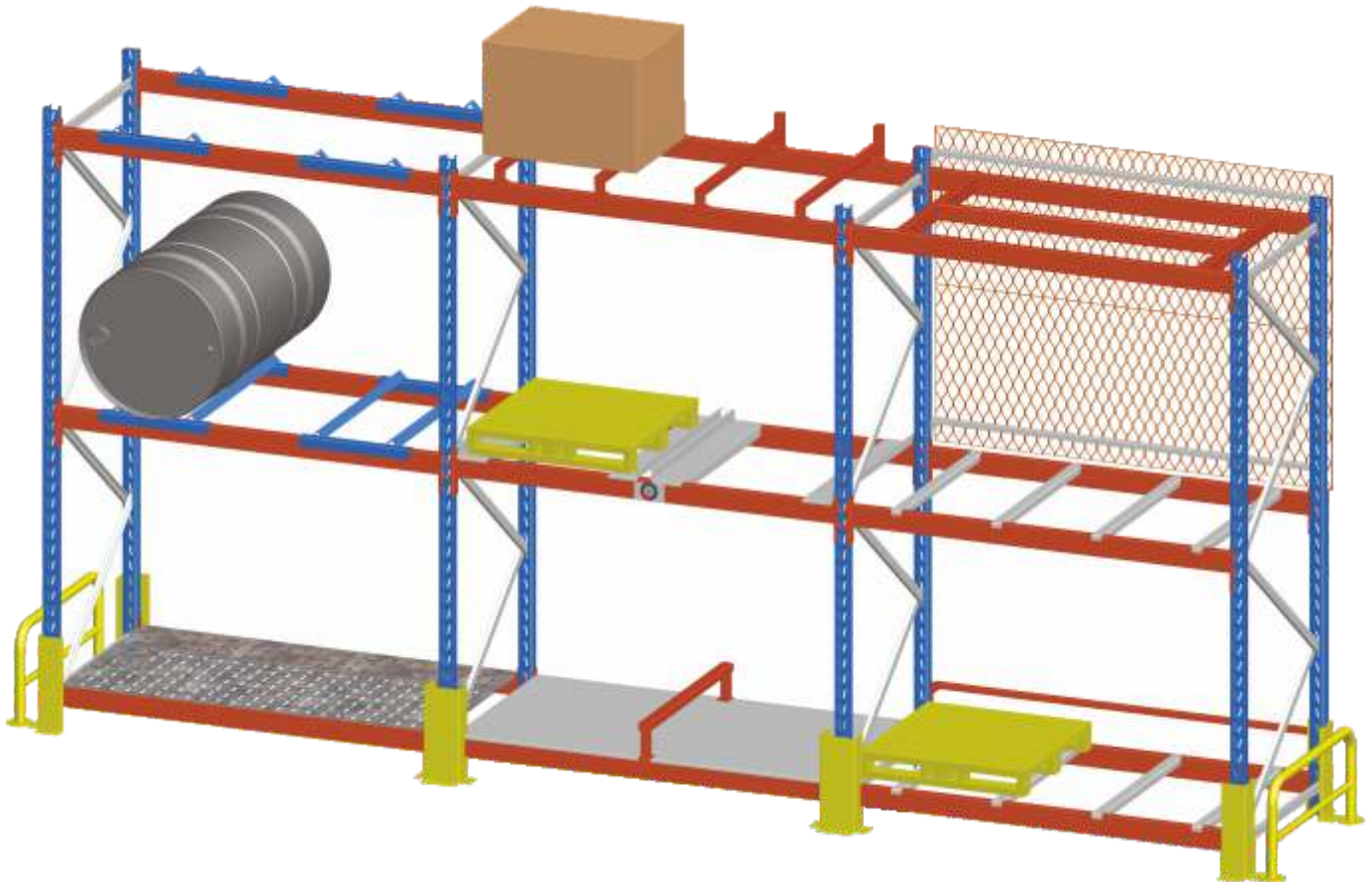


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Established in 2004, we, Reco Storage Systems Pvt. Ltd. (RSSPL) have been recognized as one of the leading manufacturers and suppliers of Storage Racks, Industrial Storage Solutions, Mezzanine Floors, M. S. Pallets etc. for its unmatched quality & services.

RSSPL is an ISO 9001:2015 certified organization. Our products are well known for its durability, high storage capacities, easy installation and cost effectiveness. Our products are widely appreciated for their premium quality and are used in automobile, manufacturing, textile, pharmaceuticals agriculture, food, educational institutes, hotels and other industries.



It is due to the stringent quality measures adopted by us, the raw material is procured from the most credible vendors. Not only this, all our products undergo a thorough series of tests starting from its manufacturing till its dispatch. Further, we have a highly committed and diligent team of professionals, which is constantly engaged in delivering the best range of products possible.

**Our tag line ... 'Space Creators' suggests highly efficient space utilization & providing products tailored to suit the need of each of our client & their storage facilities.**

All this has been conceptualized with the due efforts of our mentor, *Mr. Rohit Watharkar*, whose persistent efforts and in-depth knowledge have positioned our company on the platform of success. His unwavering efforts and commitment to serve clients with the best has enabled us to gain a wide client base in India.

RSSPL has its manufacturing unit (Plant-1) in Jyotibanagar, Talawade, Pune, Maharashtra & a large manufacturing set up Plant-2 in Chakan, Pune, Maharashtra including the latest machineries & technology with an in-house powder coating setup.



# PALLETS

## MS CAGE PALLET

Our MS (Mild Steel) Cage Pallets are engineered for durability and optimized storage.

Designed to withstand heavy-duty industrial use, these pallets are ideal for handling, transporting, and storing a wide range of goods safely and efficiently.

The open mesh design ensures excellent visibility and ventilation while providing maximum load security.

### Key Features

- Made from high-quality mild steel with a powder-coated finish for corrosion resistance
- Stackable and collapsible design for space-saving storage
- High load-bearing capacity with reinforced base structure
- Available with or without front drop gate for easy access
- Custom sizes and specifications available on request



## MS CAGE PALLET- TUBULAR

The Tubular Cage Pallet is a robust and reusable material handling unit featuring a steel frame with tubular bars forming a cage-like structure. It is designed to provide maximum protection and ventilation for goods during storage or transport.

The cage is typically mounted on a pallet base, allowing for easy handling with forklifts or pallet jacks.

### Key Features

- Made from high-quality mild steel with a powder-coated finish for corrosion resistance
- Stackable and collapsible design for space-saving storage
- High load-bearing capacity with reinforced base structure
- Available with or without front drop gate for easy access
- Custom sizes and specifications available on request

## MS POST PALLET

The MS Post Pallet is a heavy-duty, modular storage and transportation unit made from mild steel (MS), designed for handling large or irregular loads in industrial environments.

It features a base platform with detachable or fixed vertical posts at each corner, enabling secure stacking and efficient space utilization.

### Key Features

- **Strong Mild Steel Construction** - Built from durable MS material for long-term industrial use.
- **Vertical Posts** - Fixed or removable posts allow for safe stacking of multiple pallets, even with unstable or awkwardly shaped loads.
- **Customizable Sizes** - Available in various dimensions and post heights to suit different material handling needs.
- **Forklift-Friendly Base** - Designed with gaps or runners to ensure compatibility with forklifts and pallet jacks.
- **Space Saving** - Posts can often be removed or collapsed for compact storage when not in use.



## MS BOX PALLET

The MS Box Pallet is a durable, high-strength storage and transportation container made from mild steel (MS).

Designed with Sheet side walls, it forms a box-like structure over a pallet base, providing secure containment for loose, bulk, or irregularly shaped items. Its robust design makes it ideal for repeated use in demanding industrial environments.

### Key Features

- Heavy-Duty Mild Steel Construction for maximum strength and longevity
- Fully Enclosed Sides (Sheet) to prevent product loss
- Forklift-Compatible Base for easy handling and transport
- Stackable Design to optimize storage space
- Optional Drop Gates or Hinged Panels for convenient access

## FOLDABLE (COLLAPSIBLE) PALLET

A foldable pallet is a reusable logistics platform designed to support goods during storage or transportation, with the added benefit of being collapsible when not in use.

Unlike traditional rigid pallets, foldable pallets feature hinged or collapsible sides or components that allow them to be compacted, reducing space requirements during return logistics or storage.

They are commonly made from plastic, metal, or composite materials, and are ideal for closed-loop supply chains and industries that emphasize space-saving and cost efficiency.

### Key Features

- Collapsible or hinged structure reduces volume up to 70% when not in use.
- Made from mild steel with welded frames and reinforcements for long-term durability.
- Foldable Side Walls- Equipped with collapsible or removable mesh or solid walls for easy folding and compact storage.
- Powder-Coated or Galvanized Finish- Offers corrosion resistance, making them suitable for outdoor or semi-corrosive environments.
- Stackable When Folded -- Designed for safe stacking, whether in folded or erected state—efficient use of vertical space.



## MS BASE (FLAT) PALLET

The RECO Make MS Base (Flat) Pallet is a heavy-duty steel pallet manufactured by RECO Storage Systems.

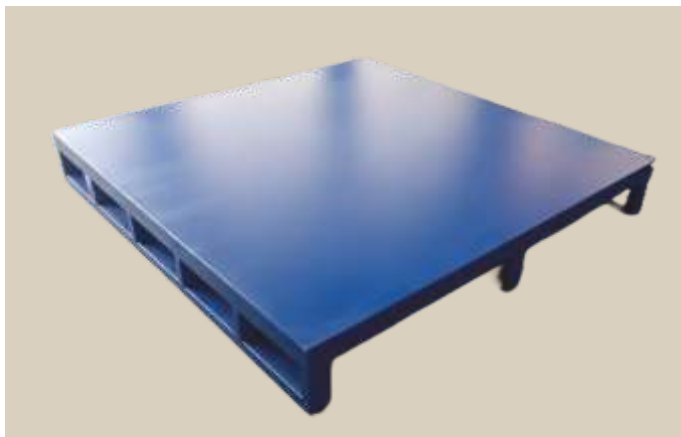
Constructed from high-grade mild steel, this flat pallet features a solid platform without sidewalls or cages, providing a stable base for stacking, transporting, and storing diverse kinds of loads.

It is available in various entry types (2-way or 4-way), sizes (for example 800×1200, 1000×1200 mm etc.), and load capacities ranging from moderate (≈ 500-1000 kg) to high capacity (1500-2000 kg or more) depending on configuration.

Surface finishing options include powder coating or galvanised/epoxy coatings to resist corrosion and wear.

### Key Features

- **High Load Capacity** - Can support heavy static and dynamic loads due to rigid steel construction.
- **Robust Steel Material** - Mild steel body provides strength, durability, and resistance to impact.
- **Robust Steel Material** - Mild steel body provides strength, durability, and resistance to impact.
- **Surface Finish Options** - Powder coating, galvanisation to improve corrosion resistance. Useful in humid or corrosive atmospheres.



METAL BASE PALLET PLAIN SHEET



METAL BASE PALLET DOUBLE DECK



METAL BASE PALLET SINGLE DECK



METAL BASE PALLET TUBULAR



G.I. PALLET - SINGLE DECK



METAL BASE PALLET CORRUGATED TOP

# Why Choose RECO Metal Pallets?



## Advanced Structural Engineering

Every pallet features a precision designed under structure, distributing weight evenly and minimizing stress or flex -delivering unmatched stability even with heavy dynamic loads



## Customized for Your Needs

From leg and runner options to custom sizing, weight ratings, and coatings (galvanized, powder-coated, zinc-plated), every pallet is adapted for operational efficiency.

Custom engineering guarantees you the right fit for any racking system, forklift, or MHE's.



## Durability & Reliability

We use only top-grade materials, advanced steel fabrication, precision welding, and strict ISO 9001:2015 & ZED certificate to quality control.

The result: zero compromises on long service life, safety, or maintenance needs. In house Pallet testing facility (Load test & Drop test).



## Sustainability

Our corrugated top design lets you achieve high performance with less material.

All steel pallets are fully recyclable, supporting your sustainability and cost-reduction goals.

## Key Applications



**WAREHOUSING & LOGISTICS**  
Including 3PL, Supply Chains



**AUTOMOTIVE & ENGINEERING**  
Handling heavy or high-value loads



**FOOD, PHARMACEUTICAL & HYGIENIC INDUSTRIES**



**CHEMICAL, DYE, AND WET GOODS STORAGE**

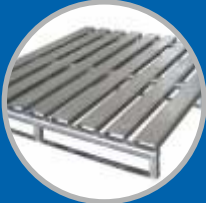
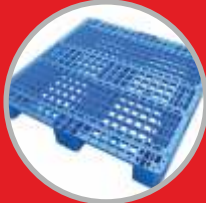


**EXPORT & OUTDOOR USE**  
Pallets Built To Survive Tough Environments

## Key Features of Steel Pallets

- **Strength** High Load Capacity – Built to handle heavy and bulky items with ease.
- **Durability** Longer lifespan than wood or plastic pallets, even in rough industrial conditions.
- **Hygienic & Easy to Clean** Suitable for food, pharma, & chemical industries where cleanliness is a priority.
- **Fire & Pest Resistant** Unlike wooden pallets, steel is non-flammable and not susceptible to pest infestations.
- **Recyclable** Environmentally friendly option with minimal maintenance.
- **Corrosion Resistant** Durable in harsh environments; ideal for moisture, chemicals, and outdoor exposure.
- **Stackable** Space saving design that allows secure vertical stacking during storage and transport.
- **Customization** Can be tailored in size, color and load specifications to fit operational needs.
- **Rack Comfortability** Engineered for stable placement on warehouse racks; maintains load balance & safety.

## Pallet Comparison

| Why METAL PALLET is better than Wooden & Plastic Pallet?                                              | METAL PALLET                                                                                                                                                  | WOODEN PALLET                                                                                                                                                         | PLASTIC PALLET                                                                                                                     |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  SAFETY             | <br>★★★★★<br>Seldom Breaks<br>Hard to Contaminate<br>Easy to Decontaminate | <br>★★<br>Causes Splinters Nail<br>Protrude Breaks easily<br>Hard to Decontaminate | <br>★★★<br>Break Moderately<br>No contaminate |
|  REPAIR             | <br>★★★★★<br>10 Years Warranty                                                                                                                                | <br>★★★<br>Frequency of repair is more                                                                                                                                | <br>★★<br>No Repair                                                                                                                |
|  DESIGN FLEXIBILITY | <br>★★★★★<br>Easy to make different<br>Sizes and Shapes                                                                                                       | <br>★★★<br>Easy to make different<br>Sizes and Shapes                                                                                                                 | <br>★★<br>Very costly to make,<br>due to high mould cost                                                                           |
|  FIRE               | <br>★★★★★<br>Gets Hot                                                                                                                                         | <br>★★<br>Adds to Fire                                                                                                                                                | <br>★★<br>Adds to Fire, Gives off Toxic Fumes                                                                                      |
|  CLIMATE            | <br>★★★★★<br>Cold - No Change<br>Mild - No Change<br>Hot - Become Hot                                                                                         | <br>★★★<br>Cold - Stiffens<br>Mild - No Change<br>Hot - Become Hot                                                                                                    | <br>★★<br>Cold - Becomes Brittle<br>Hot - Becomes Soft<br>Direct Sun - Loses oil & becomes Brittle                                 |
|  ENVIRONMENT        | <br>★★★★★<br>Eco Friendly                                                                                                                                     | <br>★★<br>Damage the Nature & Environment                                                                                                                             | <br>★★<br>Damage Environment                                                                                                       |



# STORAGE RACKS

## SELECTIVE PALLET RACKING / HIGH RISE STORAGE SYSTEM

Selective pallet racking is the most commonly used racking system in warehouses, offering direct access to every pallet without moving others.

Designed for versatility and easy stock rotation, this system is ideal for storing a wide variety of SKUs.

It allows for quick loading and unloading using standard forklifts, making it an efficient and cost-effective solution for both small and large-scale storage needs.

### Key Features

- 100% accessibility to every pallet
- Adjustable beam levels for varying pallet heights
- Compatible with all types of material handling equipment
- Easy to install, relocate, and expand



## HEAVY DUTY SHELVING STORAGE RACK

RECO Make Heavy Duty Shelving Storage Racks are specially engineered for storing medium to heavy load materials in an organized, safe, and space-efficient manner.

Designed with robust steel construction and modular design, these racks offer high durability, maximum load-bearing capacity, and easy accessibility.

They are available in multiple sizes, configurations, and load capacities to suit diverse storage requirements. The system can be customized with decking options such as steel panels, plywood, or wire mesh to accommodate a wide variety of stored items.

### Key Features

- 100% accessibility to every pallet
- Adjustable beam levels for varying pallet heights
- Compatible with all types of material handling equipment
- Easy to install, relocate, and expand



## HEAVY DUTY STORAGE RACK WITH SKID / PALLET SUPPORT BAR

RECO Make Heavy Duty Storage Racks are designed to provide robust and reliable storage solutions for warehouses, distribution centers, and manufacturing facilities.

Equipped with skid/pallet support bars, these racks ensure enhanced load-bearing capacity, safety, and stability for non-standard pallets, skids, or oversized loads.

The support bars distribute the pallet weight evenly across beams, preventing deflection and increasing rack longevity.

### Applications

- Warehouses & Distribution Centers.
- Automotive & Engineering Industries
- Cold Storage & FMCG Industries
- Heavy Manufacturing Units

### Key Features

- High Load Capacity: Designed to handle heavy-duty palletized loads with superior strength and durability.
- Skid/Pallet Support Bars: Provide extra safety and support for irregular or weak pallets, ensuring load stability.
- Flexible Design: Adjustable beam levels allow easy customization as per load height requirements.
- Optimized Space Utilization: Maximizes vertical and horizontal storage capacity.



## LONG SHELVING RACKS

Maximize your storage space efficiently with our heavy-duty Shelving Storage Rack, designed to organize and store a wide range of items with ease. Ideal for warehouses, industrial units, retail spaces, and commercial storage areas, this system offers robust construction, easy accessibility, and customizable configurations to suit your specific needs.

Manufactured using high-quality steel and powder-coated for long-lasting durability and corrosion resistance, our shelving racks ensure stability and strength.

Available in multiple shelf levels and load capacities, it is perfect for storing cartons, bins, tools, spare parts, and other medium to lightweight items.

### Key Features

- Supports heavy items—from large bins and tools to industrial equipment—without sagging or failure.
- Wide spans between supports allow storage of larger, bulkier items, reducing wasted space in between.
- Allows adjustment (for example in 50 mm / 75 mm increments) to accommodate items of different sizes, increasing flexibility.
- Powder-coated, galvanized, or otherwise treated surfaces resist corrosion, rust, and wear — suitable for harsh environments.
- Open sides and front allow quick visual inspection, manual picking, loading/unloading by workers or small material-handling equipment.

### Applications

- Warehouses & Distribution Centers: For bulk storage of inventory, non-palletised items, spare parts, cartons, and machinery components.
- Retail & Wholesale Backrooms: For storing back-stock, seasonal goods, large-volume shipments before display or dispatch.
- Archives / Records Storage: Heavy-duty shelving for large volumes of boxed documents, files, where load per shelf is high.
- Heavy Equipment Support / Spare Part Depots: Support for weighty components, boxes, or tools that need safe structured storage.



## FIFO STORAGE RACKS

Our FIFO (First-In, First-Out) Storage Rack system is specifically designed to manage inventory flow where the first item stored is the first to be retrieved. Ideal for fast-moving inventory and perishable goods, this system enhances warehouse efficiency by maintaining proper product rotation and reducing storage handling time.

The FIFO racking system typically includes gravity-fed roller tracks or inclined shelves, allowing products to move forward automatically when an item is picked, minimizing manual movement and ensuring a seamless flow of goods.

Perfect for industries like FMCG, food & beverage, pharmaceuticals, cold storage, and logistics, FIFO racks help maintain product quality and streamline operations.

### Key Features

- First-In, First-Out Operation
- Inclined Roller Bed Design
- Space Optimization
- Customizable Dimensions
- Reduced Handling Time



## **DRAWER TYPE MOULD STORAGE RACK**

RECO Make Drawer Type Mould Storage Rack is a space-efficient and heavy-duty storage solution designed for safe and convenient handling of moulds, dies, jigs, fixtures, and other heavy tools. The roll-out drawer design ensures effortless loading and unloading, reducing material handling time and increasing workplace productivity.

### **Key Features**

- Roll-Out Drawers: Smooth sliding mechanism with up to 100% extendable drawers for easy access
- High Load Capacity: Each drawer can carry heavy moulds/dies with load-bearing capacity as per requirement.
- Safe & Ergonomic Handling: Enables crane, stacker, or forklift operations directly on the drawer.
- Space Optimization: Compact vertical storage saves valuable floor space.

### **Applications**

- Ideal for industries such as plastics, automotive, die-casting, sheet-metal, tooling workshops, and engineering units where safe and organized mould/die storage is essential.



## ROLL-OUT SHEET STORAGE RACK

RECO Make Roll-Out Sheet Storage Rack with Rack & Pinion mechanism is a heavy-duty and space-saving solution designed for the safe, organized, and efficient storage of metal sheets, plates, and other flat materials.

Its roll-out drawer system, powered by a rack and pinion mechanism, ensures smooth and effortless sliding, enabling quick and safe access to individual sheets with minimal manual effort.

This system enhances workplace productivity by reducing handling time, ensuring operator safety, and maximizing floor space utilization.

### Applications

- Laser / Plasma / CNC Cutting Shops – Organized storage directly linked to cutting machines for faster operations.
- Automotive & Engineering Industries – Efficient handling of heavy sheet materials with reduced downtime.
- Metal Fabrication Units – Easy storage and retrieval of mild steel, stainless steel, and aluminum sheets.

### Key Features

- Rack & Pinion Mechanism – Provides effortless roll-out of drawers, even under heavy loads.
- High Load-Bearing Capacity – Each drawer can handle heavy sheet bundles safely.
- Improved Safety – Eliminates unsafe manual handling of sheets; reduces risk of injury.
- Space Optimization – Compact design allows vertical storage, freeing valuable floor area.
- Quick & Easy Access – Individual drawers can be rolled out up to 80–100% for easy loading/unloading.



## PATTERN STORAGE RACKS

RECO Make Pattern Storage Racks are designed to provide a systematic and safe solution for storing industrial patterns, moulds, and dies of various sizes and weights.

Engineered with robust construction and precise design, these racks maximize storage capacity while ensuring easy accessibility and protection of valuable patterns.

They are ideal for industries where frequent storage and retrieval of heavy and irregular-shaped patterns are required.

### Applications

- Foundries for storing wooden, metal, or resin patterns
- Manufacturing industries handling moulds and dies
- Storage of irregular, heavy, or non-standard materials
- Industrial warehouses requiring organized pattern management

### Key Features

- **Heavy-Duty Construction:** Manufactured using high-grade steel to withstand heavy load capacities.
- **Customizable Design:** Adjustable compartments tailored to different pattern sizes and weights.
- **Enhanced Accessibility:** Easy loading and unloading with suitable Material Handling Equipment (MHE).
- **Organized Storage:** Ensures systematic arrangement for quick identification and retrieval.
- **Space Optimization:** Vertical storage design saves valuable floor space.



## ROLL STORAGE RACKS

RECO offers a versatile range of Roll Storage Racks designed to provide safe, organized, and efficient storage solutions for fabric rolls, paper rolls, carpets, foils, and other cylindrical materials.

Our systems are engineered to maximize space utilization, reduce handling time, and ensure easy loading/unloading with suitable Material Handling Equipment (MHE).

### Key Features

- Optimum utilization of floor space.
- Customizable design as per roll dimensions and weight.
- Easy integration with forklifts, Stacker, or roll handlers.
- Robust construction with long - lasting performance.

### FIFO Type Roll Storage Rack (First-In-First-Out)

- Designed for systematic roll movement to ensure the first roll stored is the first roll used.
- Ideal for industries requiring strict inventory rotation such as textiles, packaging, and paper.
- Ensures smooth material flow and minimizes product obsolescence.
- Compatible MHE for fast and efficient operations.



### Suspended Type Roll Storage Rack

- Rolls are stored in a suspended position using specially designed beams and cradles.
- Allows easy access and quick handling of individual rolls without disturbing others.
- Ideal for selective storage where rolls of different sizes and materials need to be picked frequently.
- Ensures damage-free storage by preventing floor contact.



### Skid Type Roll Storage Rack

- Rolls are placed on skid frames/pallets and stored in racking systems.
- Suitable for heavy rolls and bulk storage requirements.
- Easy to handle using forklifts or pallet trucks, minimizing manual effort.
- Provides excellent stability, safety, and efficient space management.



## CANTILEVER STORAGE RACKS

RECO Make Cantilever Storage Racks are specially designed to store long, bulky, and irregular-shaped items such as pipes, tubes, angles, channels, timber, and sheets.

With a robust and flexible structure, these racks provide easy access, quick loading/unloading, and maximum storage efficiency.

### Key Features

- **High Load Capacity:** Reinforced steel arms and base support substantial weights, with excellent load distribution.
- **Flexible Arm Configuration:** Adjustable arms allow for multiple height settings; suitable for both single and double sided layouts.
- **Easy Material Handling:** Open structure means no front columns — smooth access for forklifts, cranes, or manual loading.
- **Space Efficiency:** Designed to optimize floor space, allowing for dense storage of long items without wasted vertical space.

### Applications

- Cantilever Racks are ideal for warehouses, manufacturing plants, construction sites, and any facility that needs reliable, accessible storage of long or unwieldy materials.



## SLOTTED ANGLE RACKS

RECO Make Slotted Angle Racks deliver a versatile, modular, and cost-effective storage solution ideal for warehouses, showrooms, industrial sites, and factories.

These racks are designed using precision-engineered steel (mild, HR or CR grade) and are completely dismountable, allowing easy reconfiguration or expansion as storage needs evolve.

### Key Features

- Customizable & Adjustable: Racks can be resized in height, width, and depth, and shelving position is adjustable to suit varied inventory.
- Easy Assembly & Disassembly: Uses nut-and-bolt joining (no welding needed), enabling rapid installation or relocation.
- Space-Efficient: Maximizes vertical storage and optimizes floor space, making it suitable for compact layouts.
- Cost-Effective: With interchangeable parts and reuse potential, it offers long-term value and scalability.

### Applications

- Perfect for light to moderately heavy goods, spare parts, documents, tools, and inventory storage.



## MULTITIER STORAGE RACKS

RECO Multitier Storage Racks are specially designed to optimize vertical space by creating multiple levels of storage within the same floor area.

These racks provide a cost-effective solution where floor space is limited but storage requirements are high. Our multitier systems are ideal for storing light to medium-duty materials that require easy access, picking, and movement.

They are modular, flexible, and can be customized according to the available height of the warehouse or storage facility.

### Key Features

- Optimal Space Utilization: Converts unused vertical space into productive storage areas.
- Multi-Level Design: Allows for 2-tier, 3-tier, or more levels depending on storage requirements.
- Ease of Access: Provision for staircases, catwalks, and handrails for safe and efficient movement.
- Customizable Design: Adjustable shelves to accommodate different product sizes.

### Applications

- Warehouses & Distribution Centers
- E-commerce & Retail Storage
- Textile & Garment Industry



## MOBILE COMPACTOR

RECO Make Mobile Compactor is a high-density storage system designed to maximize space utilization and provide secure, organized, and efficient storage.

Mounted on mobile trolleys that slide smoothly on rails, these compactors offer up to 80% more storage capacity compared to conventional shelving.

Ideal for optimizing limited floor space, RECO Make Mobile Compactors are durable, user-friendly, and available in manual operations.

### Key Features

- Space Optimization: Saves up to 80% floor space compared to traditional storage.
- Smooth Operation: Rail-mounted base ensures effortless movement of units.
- Safety & Security: Central locking system to restrict unauthorized access.
- Aesthetic Appeal: Powder-coated finish with a sleek and professional look.
- Durability: Robust steel construction for long-lasting performance.

### Applications

- Corporate Offices – File and document storage
- Banks & Financial Institutions – Secure record keeping
- Hospitals & Pharmaceuticals – Medical records, medicines, and consumables
- Libraries & Educational Institutions – Books, journals, and archives
- Manufacturing & Industries – Raw materials, tools, and finished goods
- Government Departments – Confidential records and archives





# MEZZANINE STRUCTURE

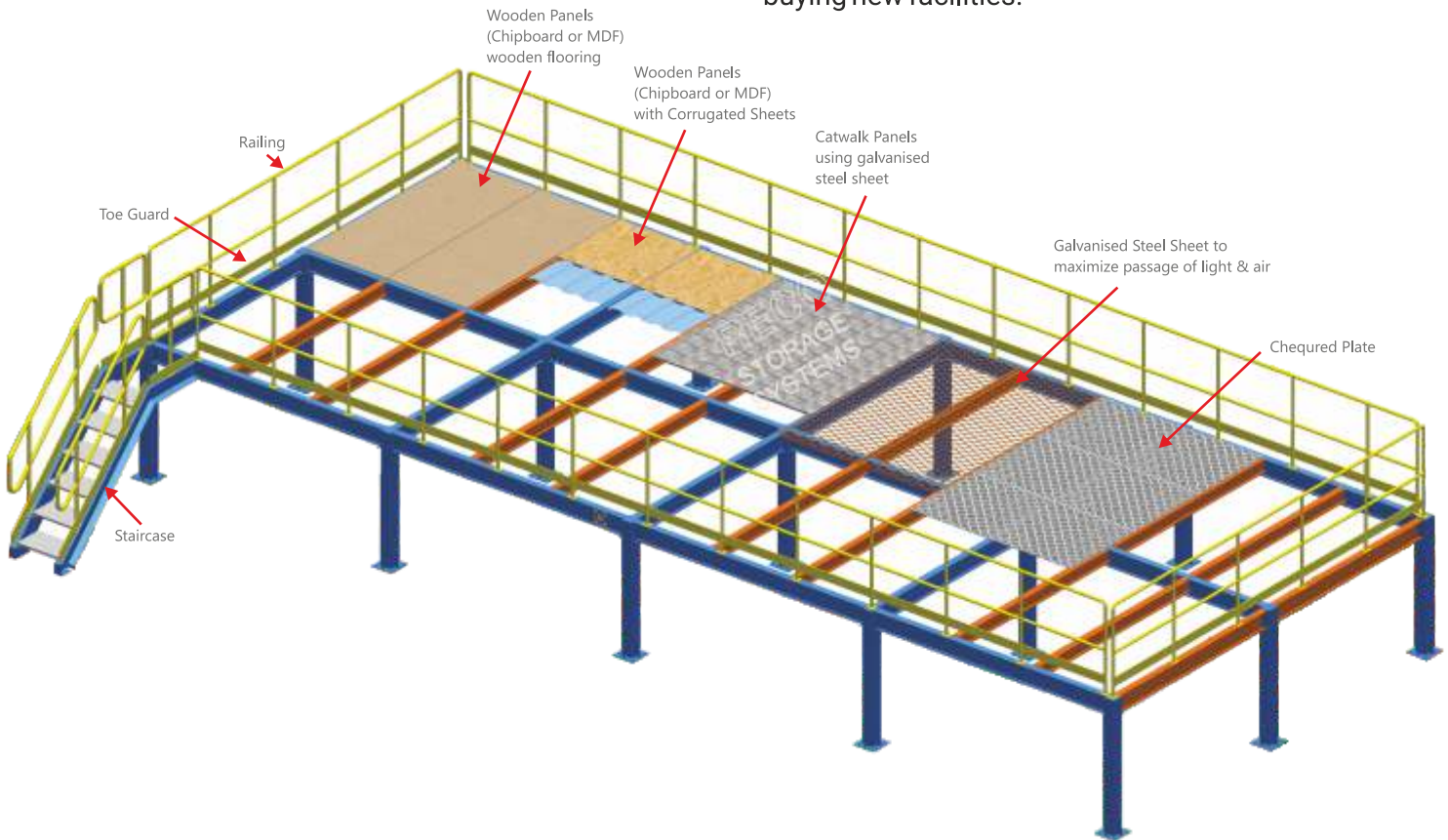


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## MEZZANINE STRUCTURE

Mezzanine floors enable the working height of a space to be utilised to its full potential by doubling or tripling the surface area. They can be designed as storage areas, changing rooms or offices, among other concepts. Railing systems are developed for different mezzanines to suit the mezzanine. Mezzanines are on high demand as it reduces cost of buying new facilities.



## PILLAR SUPPORTED MEZZANINE STRUCTURE

Mezzanine structures are an efficient and cost-effective solution to increase usable floor space without expanding your building. Designed for strength, safety, and flexibility, our mezzanine structures are ideal for warehouses, factories, offices, and commercial spaces.

### Key Features

- Space optimization
- Cost-effective expansion
- Custom-designed to suit your space
- Easy to install, relocate, and expand

### Applications

- Warehouses & storage areas
- Offices & administrative areas
- Manufacturing units



## SINGLE TIER MEZZANINE STRUCTURE FOR OFFICE USE

Mezzanine structures are an efficient and cost-effective solution to increase usable floor space without expanding your building. Designed for strength, safety, and flexibility, our mezzanine structures are ideal for warehouses, factories, offices, and commercial spaces.

### Key Features

- High-strength structural steel construction
- Clean architectural finish suitable for office interiors
- Anti-slip, noise-reducing flooring system
- Integrated staircases with handrails and safety rails

### Technical Specifications

- Load Capacity: 300–500 kg/m<sup>2</sup> (office occupancy)
- Structure Type: Free-standing steel mezzanine
- Flooring Options: Catwalk panel, Plywood with carpet, or Vinyl finish ETC.
- Clear Height: Designed as per ergonomic and building requirements

### Finish

- Powder-coated steel structure
- Custom color options to match office interiors

### Applications

- Creation of additional office cabins / workstations
- Conference rooms, meeting areas, or managerial offices
- IT rooms, record storage, or documentation areas
- Space optimization in commercial and industrial buildings

### Structural Design

- Single-level steel mezzanine platform
- Optimized column spacing for open office layout
- Designed for human occupancy loads
- Minimal vibration and noise transfer

### Safety & Compliance

- Designed in accordance with applicable building and safety standards
- Guardrails with toe Guards
- Fire safety and emergency access provisions
- Proper lighting and ventilation planning

### Benefits

- Doubles usable office space without building expansion
- Cost-effective alternative to new construction
- Quick installation with minimal disruption
- Modular and relocatable design
- Enhances workspace efficiency and organization



## SINGLE TIER MEZZANINE STRUCTURE FOR MATERIAL STORAGE

A single tier mezzanine structure for material storage is a steel intermediate floor system designed to efficiently utilize vertical space in warehouses and industrial facilities. It provides a safe, durable, and cost-effective solution for increasing storage capacity without expanding the existing building.

### Key Features

- Anti-slip flooring for safe material handling
- Integrated staircases, handrails, and safety rails
- Compatible with forklifts, pallet trucks, and conveyors

### Applications

- Storage of cartons, pallets, and components
- Raw material and finished goods storage
- Inventory segregation and organization

### Technical Specifications

- Designed for medium to heavy load capacities
- Free-standing or rack-supported configuration
- High-strength steel structure with durable decking
- Flooring – Catwalk panel, Chequered plate, Plywood, ETC.

### Benefits

- Maximizes available floor height
- Reduces clutter and improves workflow
- Quick installation with minimal disruption



## SINGLE TIER MEZZANINE STRUCTURE FOR MOLD STORAGE

Our Single Tier Mezzanine Structure for Mold Storage is designed to help manufacturing facilities, tool rooms, and warehouses maximize vertical space while providing safe and organized storage for heavy molds, dies, and tooling components.

Durable, modular, and load-rated, this mezzanine ensures your assets are stored efficiently and securely.

### Key Features

- Heavy Load Capacity - Designed to support high static and point loads from heavy molds.
- Custom Engineered Design - Tailor-made to suit mold sizes, storage layout, and building constraints.
- High-Strength Steel Construction - Fabricated from premium structural steel sections for maximum stability.
- Safe & Compliant - Designed as per applicable structural and safety standards.

### Applications

- Injection mold storage
- Die and tool storage
- Tool rooms and maintenance areas
- Manufacturing plants and warehouses

### Structural Specifications

- Structure Type: Single Tier Mezzanine
- Load Capacity: Designed as per mold weight requirement
- Flooring Options:
  - Chequered plate
  - Steel grating
  - Heavy-duty Catwalk panels
- Finish: powder coated

### Safety Features

- Guard rails and handrails
- Toe guards along edges
- Anti-slip staircases
- Clearly marked load ratings
- Column Guards

### Why Choose Our Mezzanine Solutions?

- Design for heavy industrial use
- Precision fabrication and quality control
- Fast installation with minimal downtime
- Custom layouts to match your workflow



# SINGLE TIER MEZZANINE STRUCTURE FOR MACHINE STORAGE

## Key Features

- Maximizes unused vertical space
- Ideal for heavy machine storage
- Custom-designed to suit load requirements
- Quick installation with minimal disruption
- Cost-effective alternative to building expansion

## Technical Specifications

- Structure Type: Single Tier Mezzanine
- Usage: Machine Storage
- Flooring: MS chequered plate / Catwalk panel (as required)
- Load Capacity: Designed as per machine load requirements
- Finish: powder coating

## Applications

- Machine & equipment storage
- Manufacturing units
- Maintenance platforms
- Assembly and inspection areas



## SINGLE TIER MEZZANINE STRUCTURE WITH TOP STRUCTURE FOR OFFICE USE

Our Single Tier Mezzanine Structure with Integrated Top Structure is designed to create efficient office spaces within existing facilities.

The system provides a robust load-bearing mezzanine floor along with a dedicated top structural framework to support ceilings, lighting, and aluminum partitions—delivering a clean, modern office environment without altering the main building structure.

### Structural Specifications

- Main Structure:
  - Fabricated mild steel columns and beams
  - High-strength bolted connections
- Flooring Options:
  - Metal deck slab sheet
  - Catwalk Deck panels
  - Plywood with Vinyl, carpet
- Top Structure:
  - Lightweight steel sections
  - Designed to carry ceiling and partition loads independently

### Applications

- Office cabins within warehouses
- Administrative offices in factories
- Control rooms
- Meeting rooms
- Technical and design offices

### Key Features

- Single Tier Mezzanine Floor
  - Engineered steel structure designed for office live loads
  - Maximizes vertical space utilization
  - Suitable for industrial, warehouse, and commercial buildings
- Top Structure for Office Fit-Out
  - Independent steel framework above mezzanine level
  - Designed to support:
    - False ceiling systems
    - Lighting fixtures
    - HVAC ducts
    - Aluminium/glass partitions



## TWO TIER MEZZANINE STRUCTURE FOR MATERIAL STORAGE

Our Two Tier Mezzanine Structure for Material Storage is a heavy-duty, space-efficient solution designed to significantly increase storage capacity without expanding floor area. Built with high-strength structural steel, this system creates two additional storage levels, ideal for warehouses, factories, and logistics facilities.

### Key Features

- Two Tier Storage Levels
  - Dual mezzanine floors for maximum vertical utilization
  - Optimized layout for efficient material handling
- Heavy-Duty Structural Design
  - Engineered for high load-bearing capacity
  - Designed to support palletized and non-palletized materials
- Modular & Expandable
  - Bolted construction allows future expansion or relocation
  - Customizable bay sizes and floor layouts

### Safety Features

- Full-height handrails and toe guards
- Load-rated flooring systems
- Safety gates at material loading points
- Fire safety and emergency access provisions

### Smart Access & Material Handling

- Staircases and ladders for safe personnel movement
- Dedicated pallet loading bays
- Optional goods lifts and conveyor system integration for faster material flow

### Why Choose Our Two Tier Mezzanine System?

- **Triple Your Storage Space** - Add two robust storage tiers and dramatically increase capacity without costly building extensions.
- **Built for Heavy Loads** - Engineered with high-strength structural steel to safely handle palletized and heavy industrial materials.
- **Fast Installation, Minimal Downtime** - Prefabricated and bolted construction ensures quick installation with little disruption to daily operations.
- **Flexible & Future-Ready** - Modular design allows easy expansion, relocation, or reconfiguration as your storage needs grow.



## MEZZANINE STRUCTURE WITH GOODS LIFT

Our Mezzanine Structure with Integrated Goods Lift is a complete vertical space-optimization solution designed to maximize storage capacity while ensuring safe, fast, and efficient material handling. By combining a robust steel mezzanine with a reliable goods lift system, this solution streamlines operations and reduces manual handling.

### Key Features

- **Maximize Vertical Space** - Create additional usable floor levels without expanding your building footprint.
- **Efficient Material Handling** - Integrated goods lift enables smooth vertical movement of materials between floors, reducing time, labor, and risk.
- **Heavy-Duty & Reliable** - Engineered steel structure and lift system designed for continuous industrial use.
- **Cost-Effective Expansion** - Achieve higher storage and operational efficiency at a fraction of the cost of civil construction.

### Ideal Applications

- High-strength steel mezzanine structure
- Custom goods lift capacity & platform size
- Multiple flooring options: metal deck, chequered plate, grating
- Safety handrails, toe guards & interlocked lift doors

### Goods Lift Features

- Designed for safe lifting of palletized and non-palletized materials
- Smooth vertical travel with controlled loading and unloading
- Custom load capacities and platform sizes
- Safety features include:
  - Interlocked doors
  - Limit switches
  - Emergency stop system





## MEZZANINE STRUCTURE WITH BELT CONVEYOR



## MEZZANINE STRUCTURE WITH SPIRAL CHUTE



## MEZZANINE STRUCTURE TYPES OF FLOORING



Catwalk Panel With Top Plain Sheet



Catwalk Panel Flooring



Plywood with Vinyl Flooring



Chequered Plate Flooring

## MEZZANINE STRUCTURE WITH SAFETY COMPONENTS



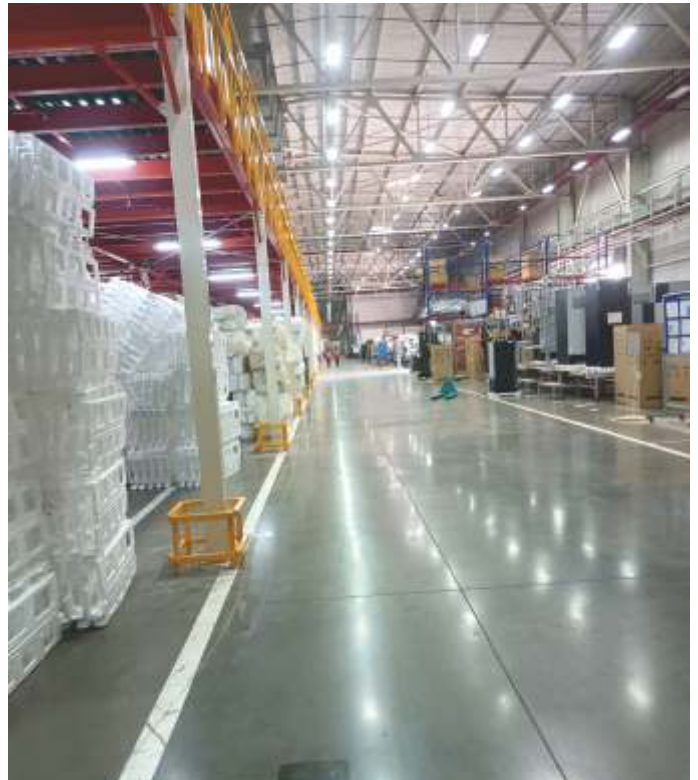
STAIRCASE



RAILING



RAILING WITH WIRE MESH



COLUMN GUARDS

## RACK SUPPORTED MEZZANINE STRUCTURE

Rack Supported Mezzanine Structures are an advanced storage solution designed to utilize vertical space efficiently.

In this system, the storage racks themselves act as the primary support for the mezzanine floor, eliminating the need for additional columns. This makes it an ideal choice for warehouses and distribution centers requiring high-density storage with optimized floor space.

### Key Features

- Dual-purpose design: Storage racks + mezzanine Floor
- Easy assembly and reconfiguration.
- Strong load-bearing capacity for heavy materials.
- Enhances material accessibility and operational efficiency.
- Custom-designed as per layout and storage needs

### Applications

- Ideal for warehouses, distribution centers, and manufacturing units.
- Suitable for storing cartons, bins, machine parts, tools, components, spares, and other industrial goods.
- Widely used in automotive, textile, engineering, pharmaceutical, and FMCG industries.
- Perfect solution for both bulk storage and selective item picking.



## SINGLE TIER RACK SUPPORTED MEZZANINE STRUCTURE

Our Single Tier Rack-Supported Mezzanine Structure is designed to help warehouses, manufacturing units, and distribution centers maximize vertical storage space while providing safe, organized, and heavy-duty support for racked materials.

Combining mezzanine flooring with integrated racking, it's a versatile solution for modern storage needs.

### Structural Features

- Main Structure: High-strength steel columns, beams, and rack supports
- Flooring Options:
  - Catwalk deck Panels
  - Chequered plate panels
  - Chequered plate Flooring
- Rack Integration: Compatible with standard pallet racking, cantilever racks, or custom shelving
- Safety Features:
  - Handrails, toe guards, and safety gates

### Applications

- Warehouses & distribution centers
- Manufacturing & assembly units
- Spare parts and tool storage
- Heavy-duty industrial storage



## MULTI-TIER RACK SUPPORTED MEZZANINE STRUCTURE

Our Multi-Tier Rack-Supported Mezzanine Structure is engineered to maximize vertical storage space while maintaining full safety and operational efficiency.

Ideal for warehouses, manufacturing units, and distribution centers, this system combines robust mezzanine floors with integrated racking, creating a versatile multi-level storage solution.

### Key Benefits

- **Maximize Vertical Space** - Create multiple storage levels to dramatically increase capacity without costly building extensions.
- **Rack-Supported Strength** - Heavy-duty racks support mezzanine floors and materials, distributing loads safely and efficiently.
- **Modular & Flexible Design** - Easily configurable layouts, bay sizes, and storage levels to meet changing operational needs.
- **Fast Installation** - Prefabricated, bolted construction minimizes downtime and allows future expansion.

### Applications

- Warehouses & distribution centers
- Manufacturing & assembly units
- Spare parts and tool storage
- Heavy-duty industrial storage



## Our Happy Customers ...

|                                                                                                             |                                                                                                                     |                                                                                                      |                                                                                                                                                  |                                                                                                                     |                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|  HYUNDAI                   |  Mahindra                          |  Atlas Copco        |  THERMAX                                                        |  wipro                           |  DeCON GROUP                       |
|  Visteon                   |  ADM GROUP                         |  Johnson Controls   |  SCL<br>Systematic Consom Limited<br>ISO 9001 Certified Company |  ENDURANCE<br>Complete Solutions |  FLASH                             |
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### RECO STORAGE SYSTEMS PVT. LTD.

An ISO 9001:2008 Certified Company

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#### PLANT - II :

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Pune - 410501.  
MH. India.

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