AREAS OF BUSINESS WITH LOGISTICS CONSULTING & **ENGINEERING SERVICE**

AUTOMATED STORAGE SYSTEMS (AS/RS

- RACK BUILDING TYPE AUTOMATED WAREHOUSE
- BUCKET TYPE AUTOMATED WAREHOUSE
- UNIT RACK AUTOMATED WAREHOUSE
- ELECTRIC MOBILE RACK AUTOMATED WAREHOUSE

STORAGE SYSTEMS

- PALLET RACK
- HIGH RACK
- SLIDING RACK (PALLET, BOX, DANPRA, ETC.)
- ARM RACK
- LIGHTWEIGHT RACK
- HANGER RACK
- CAROUSEL RACK (VERTICAL, HORIZONTAL)

- HIGH STACKER RACK
- DRIVE-IN RACK
- PUSH BACK RACK (CART, ROLLER)
- MIDDLEWEIGHT RACK
- TAINER (IN-ROLL, CARGO PALLET)

MEZZANINE SYSTEMS

- LIGHTWEIGHT MULTI-LAYER RACK
- PALLET MULTI-LAYER RACK
- HANGER MULTI-LAYER RACK

- MIDDLEWEIGHT MULTI-LAYER RACK
- BEAM FRAME MULTI-LAYER RACK
- OFFICE MULTI-LAYER RACK

MOBILE RACK SYSTEMS

- PALLET ELECTRIC MOBILE RACK
- LIGHTWEIGHT ELECTRIC MOBILE RACK
- MIDDLEWEIGHT ELECTRIC MOBILE RACK
- HANDLING MOBILE RACK

STORAGE EQUIPMENT

- CONVEYOR SYSTEM
- SORTER SYSTEM

- LFCON SYSTEM
- FORKLIFT (VNA, REACH)

ETC.

- SAFETY PROTECTOR (RACK POST, COLUMN, GATE)
- LOADING GATE
- DOCK SYSTEM

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CRAFTED WITH CONFIDENCE QUALITY PRODUCTS MADE IN THE KOREA



Leading innovator in the logistics industry with cutting-edge technology NEXLOGITECH, Inc.

NEXLOGITECH is a specialized company that builds the foundation for the future logistics industry using cutting-edge logistics technology. With extensive experience and expertise in both domestic and international logistics industries and technologies, we are reinforcing our company's position as a flexible and professional enterprise.

Furthermore, our in-house research institute contributes to maximizing efficiency by providing high-quality logistics engineering services through the development and accumulation of core logistics technologies. This enhances the logistics competitiveness of leading companies by constructing integrated logistics systems and introducing highly efficient logistics technologies.

With active engagement in overseas logistics industry and technology exchange, NEXLOGITECH is well-equipped become an advanced logistics company by securing a strong business foundation through the globalization of logistics technology and taking on leading roles in the logistics technology market.

Above all, as a leader in South Korea's logistics technology, NEXLOGITECH is committed to relentlessly advancing the world's best logistics industry and technology through continuous research and investment.

OVERVIEW OF MULTI-TIER STORAGE SYSTEMS

What is a Multi-Tier Storage System?

A multi-tier storage system aims to maximize the storage efficiency of goods and materials by adding additional floors within a logistics center (warehouse) to make the most of the available vertical space.

Maximization of storage space

Utilizing the upper space within the warehouse can double the storage capacity for goods.

Excellent cost-effectiveness

Avoids high construction costs, resulting in significant savings.

Outstanding safety

Structurally safe design that takes into account the volume and load of the handled goods.

Efficient warehouse operations

Enhanced management efficiency due to the concentrated storage of a large amount of goods.

Structurally independent from the building

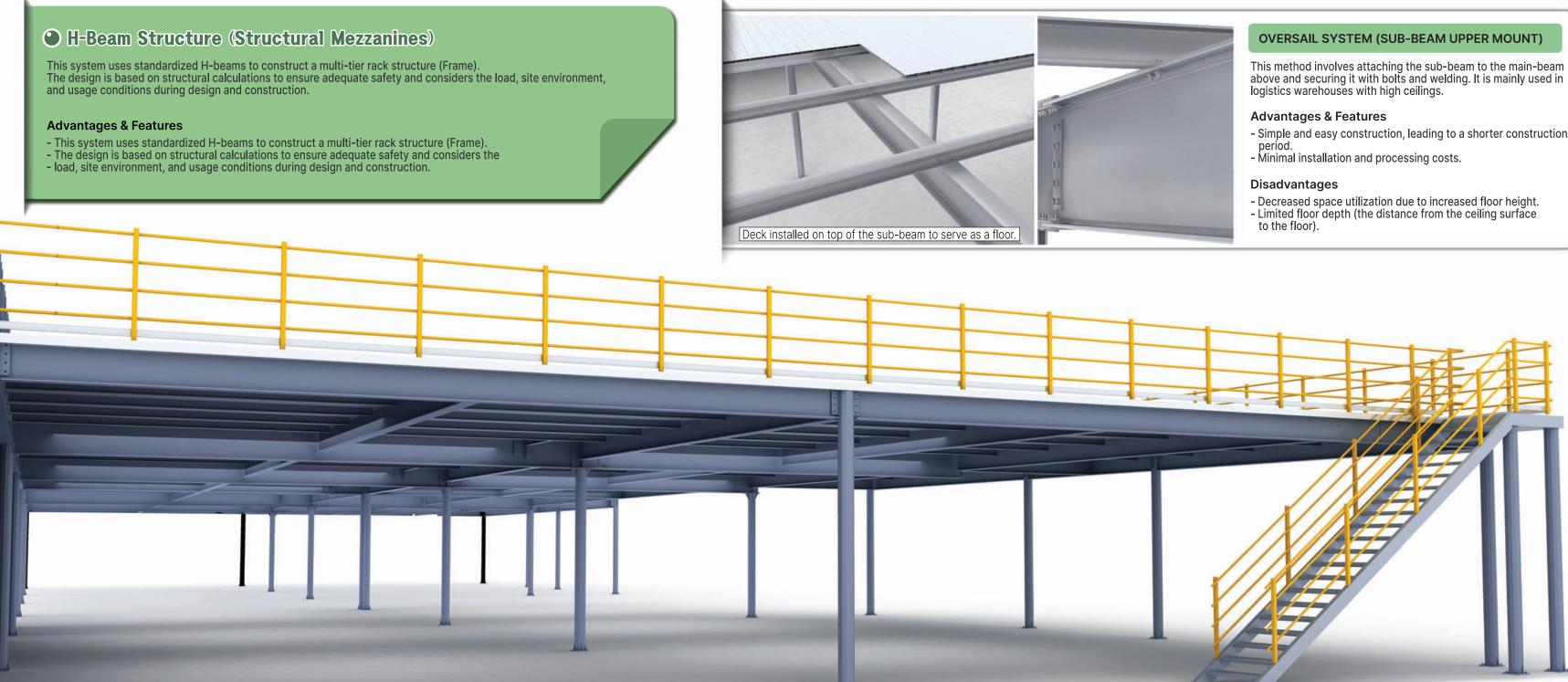
Constructing systems such as lifts and conveoutbound efficiency / / Can be dismantled and

yors improves inbound and relocated.

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TYPES OF MULTI-TIER FRAME STRUCTURES



above and securing it with bolts and welding. It is mainly used in

- Simple and easy construction, leading to a shorter construction

FIXED CONNECTION (STRONG CONNECTION METHOD)

This method involves firmly connecting the web and flange of the H-beam with bolts and welding, supporting vertical and horizontal forces while resisting rotation. It is primarily used for connecting columns and main beams.

Advantages & Features

- Can support heavy loads.
- Beneficial when the beam extension is long large distance between columns).

Disadvantages

- More complex and difficult construction compared to the pin connection method.
- Relatively high construction costs.



PIN CONNECTION (SHEAR CONNECTION METHOD)

This method involves connecting only the web of the H-beam with bolts, supporting vertical and horizontal forces, while not connecting the flange. It is primarily used for connecting main beams and sub-beams.

Advantages & Features

- Comparatively easy construction and quick installation.
- Relatively lower construction costs.

Disadvantages

- Less favorable when the beam extension is long.



ROUND COLUMN TYPE

Advantages & Features

- Aesthetically pleasing appearance with a wide view and excellent space utilization provides higher satisfaction for
- logistics center users.
- Lower risk of accidents for workers.
- Base finish: Non-shrink concrete.

Disadvantages

- Processing and material costs are relatively higher compared to H-beam.



SQUARE COLUMN TYPE

Advantages & Features

- In comparison to circular columns, square columns make joining with other materials and welding easier, and they do not roll when used as horizontal components, which simplifies assembly and erection.
- Base Finish: Shrinkage-free concrete.

Disadvantages

- The processing and material costs are slightly higher



H-BEAM COLUMN TYPE

Advantages & Features

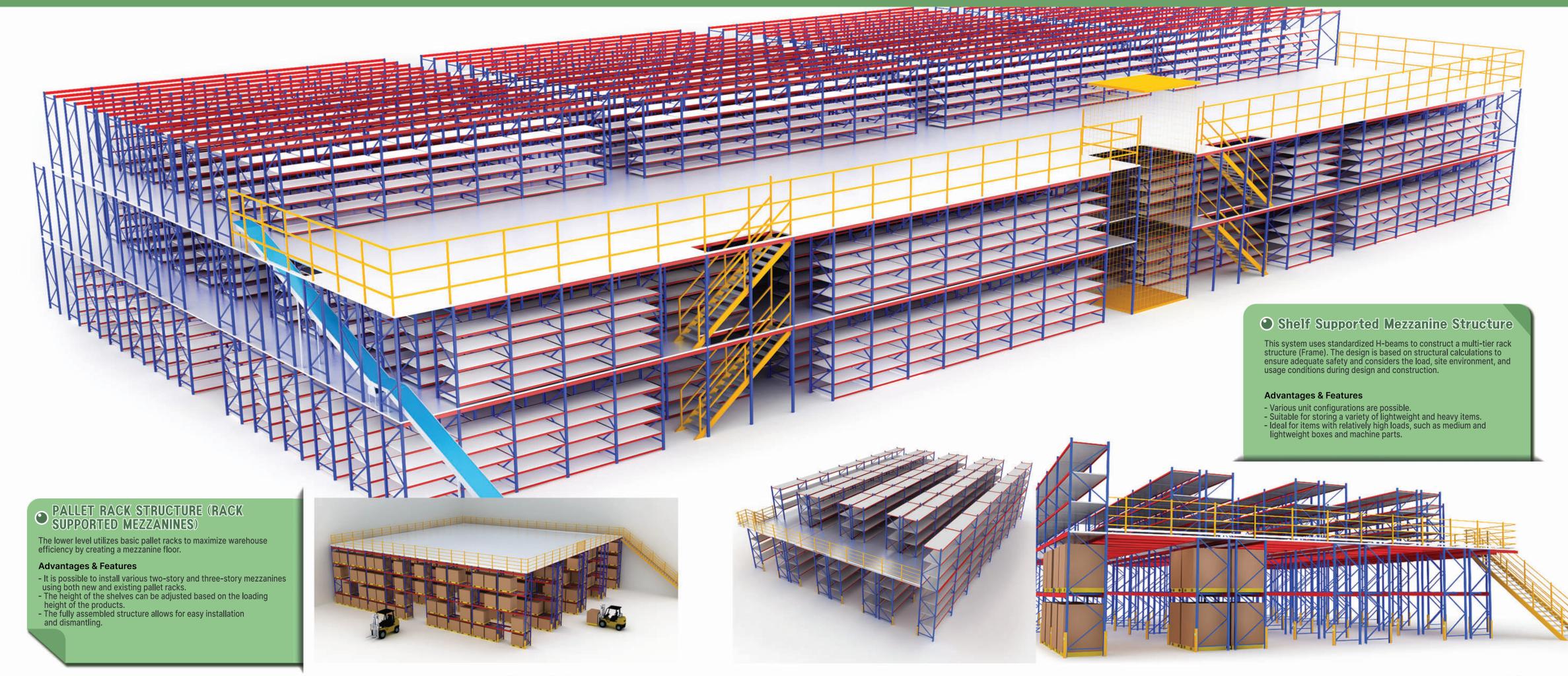
- Exceptional construction performance, economic efficiency, and sectional performance.
- The most cost-effective option in terms of processing and material costs.
- Structurally, it is the safest component.
- Base Finish: Shrinkage-free concrete.

Disadvantages

- There is a risk of safety accidents when logistics center workers collide with the columns.

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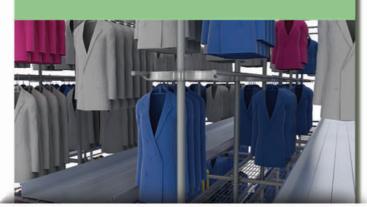
TYPES OF MULTI-TIER FRAME STRUCTURES

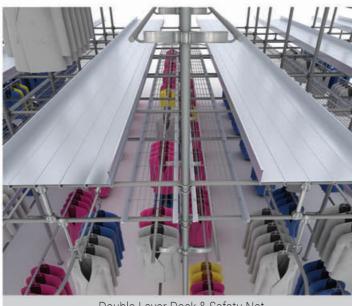


TYPES OF MULTI-TIER FRAME STRUCTURES

Hanger Rack Supported Mezzanines

This multi-tier clothing logistics system stores, sorts, and ships clothing products using hangers. A Trolley Conveyor can be used for inter-floor movement and integration with automated systems such as Sort or DPS.





Double Layer Deck & Safety Net



SPEEDRAIL & TROLLEY

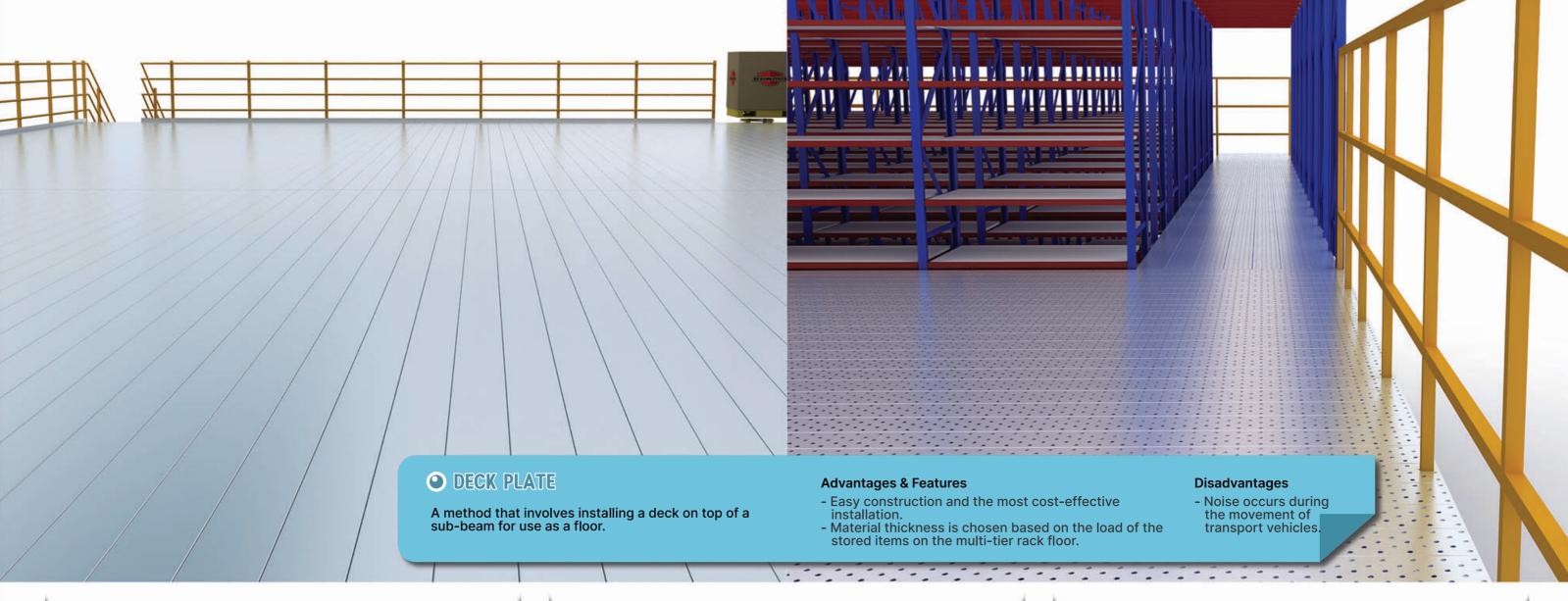
Advantages & Features

- No need for painting due to the use of white pipe.
 Maintains the original shape of the product for excellent quality control.
 Utilizes existing space for the installation of 2 or 3 levels.
 Fast and accurate inventory tracking.
 Easy identification of storage conditions due to product visibility.
 Easy relocation.



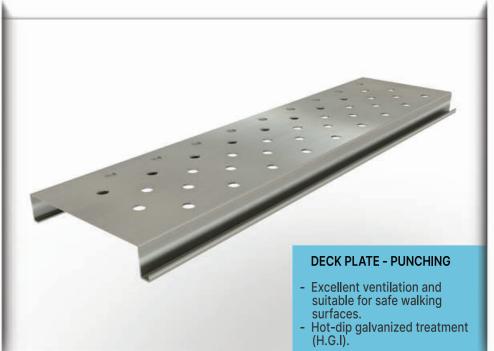


TYPES OF MULTI-TIER FLOORS









TYPES OF MULTI-TIER FLOORS



SUB-DECK INSTALLATION WITH REGULAR INTERVALS



O STEEL PLATE

A method that uses a steel plate installed on top of the sub-deck as a floor.

Advantages & Features

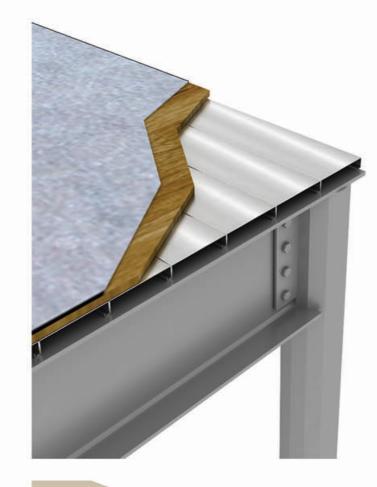
- No noise during transport vehicle movement and convenient walking for workers.
 Easy maintenance (very easy to clean).
 High durability against humidity and most chemicals.
 Material thickness is chosen based on the load of stored items on the multi-tier rack floor.

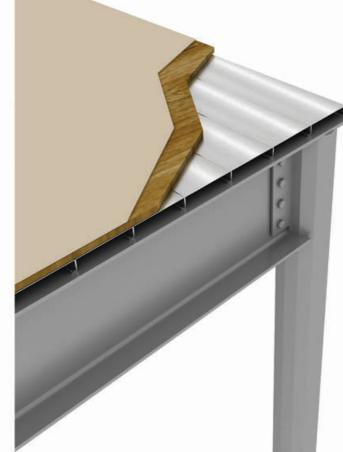
Disadvantages

- Relatively high installation and material costs









O PLYWOOD + MIT FLOOR

A method that lays plywood on top of the deck plate and installs MET on top for use as a floor.

Advantages & Features

- Reduced noise during transport vehicle movement. Easy maintenance (very easy to clean).
 Optimal walking experience for workers.
 Relatively easy installation.
 Various colors and designs available.

Disadvantages

- Less durable compared to steel plates.



• PLYWOOD + SAFE DEGO FLOOR

A method that lays plywood on top of the deck plate and installs Safe Deco on top for use as a floor.

Advantages & Features

- Reduced noise during transport vehicle movement.
- Strong durability.
 Easy removal of any contamination with cleaning agents or solvents.
 Higher durability compared to MET floors.

Disadvantages

- Relatively higher installation costs compared



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OTHER SAFETY EQUIPMENT



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O PALLET RACK COLUMN COLLISION PROTECTION DEVICE FOR WAREHOUSES

EXAGON-901

Offers excellent performance for pallet rack protection.

- Excellent absorption and mitigation of external impacts on the front and sidesVarious color options and high visibility
- Applicable to various rack columns
- Innovative improvements possible with additional devices
 Can be installed on each level





- The device is easy and simple to install without the use ofanchors and fixing bolts due to its strong grip.
- No structural damage caused by forklift collisions breaking concrete anchor bolts
- Easy and simple detachment by hand without tools
- Saves maintenance costs and replacement time







RACK POST PROTECTORS

Examples of installation and collision accidents with existing products

- Difficult installation and maintenance with anchor-type devices
 High installation and maintenance costs
 Items getting caught on rack column protectors

- during loading and unloading

 Difficulty in immediately identifying collision accident scenes









Forklift collision accidents are important safety issues in logistics warehouses.

Ministry of Land, Infrastructure, and Transport [Warehouse Storage Rack Safety Management Manual]

- Storage Rack Risk Factors
- Accidents can occur when goods fall due to corrosion, damage to the rack from exceeding maximum load capacity, poor loading of goods, or improper rack connections, damaging products or injuring nearby workers.
- Storage rack safety devices (collision protection devices):
- Install protection devices at the bottom of the rack to withstand minor impacts or collisions caused by mobile equipment such as forklifts.
- * Pallet rack columns are not designed to be safe from collisions caused by forklifts.
- Our NEXAGON-901TM product has been developed to fit internationally recognized rack brands and is continuously being developed to fit most rack sizes.

[Patent Registration No. 10-1449678]

* For more information on different sizes, please visit our company website or contact us.



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