



RECO STORAGE SYSTEMS PVT. LTD.

An ISO 9001:2015 Certified Company

STORAGE SOLUTIONS PROVIDER
SINCE 2004



MOBILE STORAGE RACK SYSTEM

Reco offers you the ultimate storage system with the latest easy glide technology for a noise free, effort-less and smooth operation for years together.

The Optimizer Compactor / Mobile Storage Rack System offers the security of stored material and proves to be very cost effective. This mobile storage rack system requires lesser space than conventional racking system / cupboards. The system glides on steel tracks and consists of mobile base units onto which different shelving options can be assembled.

When a particular rack is required, the appropriate aisle is opened up by mechanical or electrically driven bases. Only one aisle is required to service multiple racks.

AREAS OF APPLICATION

Office: Documents storage, File Storage, Stationaries.

Warehouse/Factories: Storage of Components Boxes, Spare Parts, Hardware, Multiple Sku's, Engineering & Allied Items.

Hospital/Labs: Patient Records, Slides, Medical Instruments, Medicine Sample Storage.

Showrooms: Back Office Storage.

● Contact for more details

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Special Features

- Sturdy and precision-fabricated racks using high-quality material
- Precisely engineered guide rails, gears, sprockets and chains for smooth, jerk-free movement and low noise or vibrations
- Sealed bearings with lifetime lubrication
- Sheet metal cladding, ensuring protection from dust, damage, pilferage or theft
- Position locking of racks during usage to ensure operator safety
- Complete system can be locked to prevent unauthorized access
- System requires minimal maintenance

Salient Features

Anti Topple Arrangement

- Each cabinet should have full proof an anti-toppling arrangement, which is achieved by putting special clips at all four corners of each under structure. This will prevent the unit from toppling.
- Anti tilt arrangement is a very essential arrangement of the mobile storage system, which are a pair of roller bearing, suspended from the base unit moving within ground rail and guiding the unit while motion.

End Stopper

- Each system will be provided with stoppers on either ends of the rails to prevent the de-railing of the compactor unit.

Safety Lock

- Safety lock arrangement to avoid accidentally being trapped while using the system.



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Advantages:

Increase Space

Get more out of your current space by doubling your storage capacity or by reducing your storage footprint by 50%. Mobile shelving has the potential to increase your storage capacity up to 300% compared to lateral filing cabinets.

Improve Productivity

You, and those you share your storage space with, will be able to find stored materials quickly, freeing up time for more important daily tasks.

Customize Storage

Mobile shelving systems can be configured to fit your individual storage needs. Whether you are storing bulky boxes or file folders, mobile shelving is the ideal option. Deep shelves and heavy-duty carriages can handle any large boxes or heavy loads, while pre-configured measurements allow for perfect filing storage.

Increase Security

Although locking devices are available on any mobile storage system, programmable systems provide you with the ultimate in system security through electronic or remote access. This guarantees that only someone who has the proper authority can open aisles.

Improve Accessibility

By increasing the density of stored materials, you're able to bring your storage closer to your point of need. This gives you easier access to what you need most, and helps improve efficiency.

Safer Environment

Powered storage systems safely move heavy loads through electronic input. These storage systems offer the most options for protecting users and stored material.

Reduce Costs

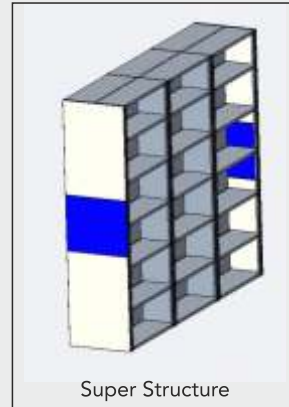
When comparing a traditional filing cabinet to a mobile storage system, mobile shelving can double your storage in the same footprint at a similar cost. Or keep the same amount of storage in half the floor space at a much lower cost.

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COMPONENT SPECIFICATION

Supper Structure

- Supper structure of the compactor storage system should be pillar based rigid knock down type in specs as indicated in picture.
- It shall consist of storage units fixed or movable – bolted to chassis which rolls onto the channels, which, firmly embedded to the ground. The configuration shall be having single static at one side, single last at other side and 2 twin mobile bodies in between.



Under Structure

Base frame:

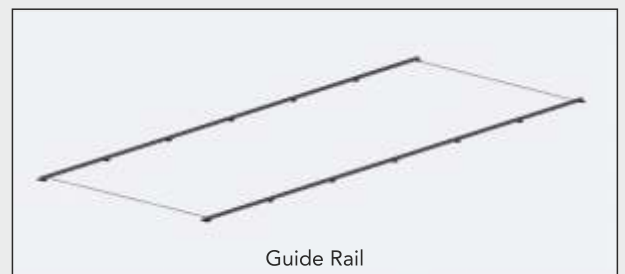
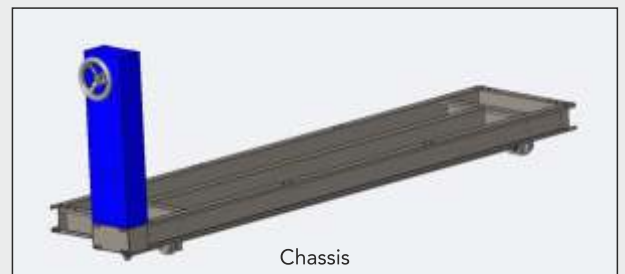
- Base frame is fabricated from HRC material in 2.5mm thickness with height of 255mm.

Bearing:

- In one bay & two bay system 8 no of bearing & three bay & four bay 10 no of Plummer bearing should be used.

Guide Rail:

- Two no. of rail is provided in 1, 2 & 3 bay.
- Three no. of rail is provided in 4 & 5 bay.

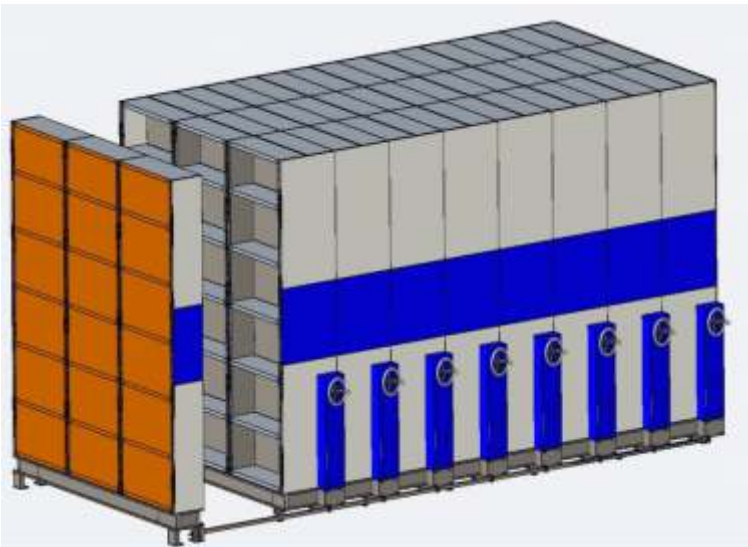


Drive Mechanism

It will be provided in between front cladding and inner cladding , it includes the arrangement of two stage chain and sprocket.

- **Sprocket & Chain Tensioner** : The drive mechanism will comprise of sprocket and chain tensioner arrangement (Sprocket-chain-tensioner arrangement or two stage sprocket –chain arrangement) Movement shall be achieved mechanically three bay drive wheel.
- **Chain**: The chain used will be Diamond/Roll on make only.
- **Driving wheel** : PU molded with Steel insert for better strength .Driving wheel will comprise of a central hub resting on a pair of roller bearings with three insert arms engaging into the hub. Easy nob on handle should be provided for easy & smooth handling of the system.
- **Safety Lock** : Each drive type units shall have locking KNOB near the drive wheel for manual locking of individual units.
- **Central lock**: Each system will be provided with a central lock to enable locking of the entire system with one key.

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Contact for more details

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