



MECHATRIX

Company Profile

MECHATRIX **INDUSTRIAL SOLUTIONS PVT LTD**

Mechatrix Industrial Solutions Pvt Ltd were founded in the year 2021 by experienced professionals from the Shop and visual floor management solutions. Mechatrix Industrial Solutions Pvt Ltd offer customized solutions for dynamic storage, easy to handle material management and effective Visual Management system.

ABOUT US

Mechatrix Industrial Solutions Pvt Ltd were founded in the year 2021 by experienced professionals from the Shop and visual floor management solutions. Mechatrix Industrial Solutions Pvt Ltd offer customized solutions for dynamic storage, easy to handle material management and effective Visual Management system.

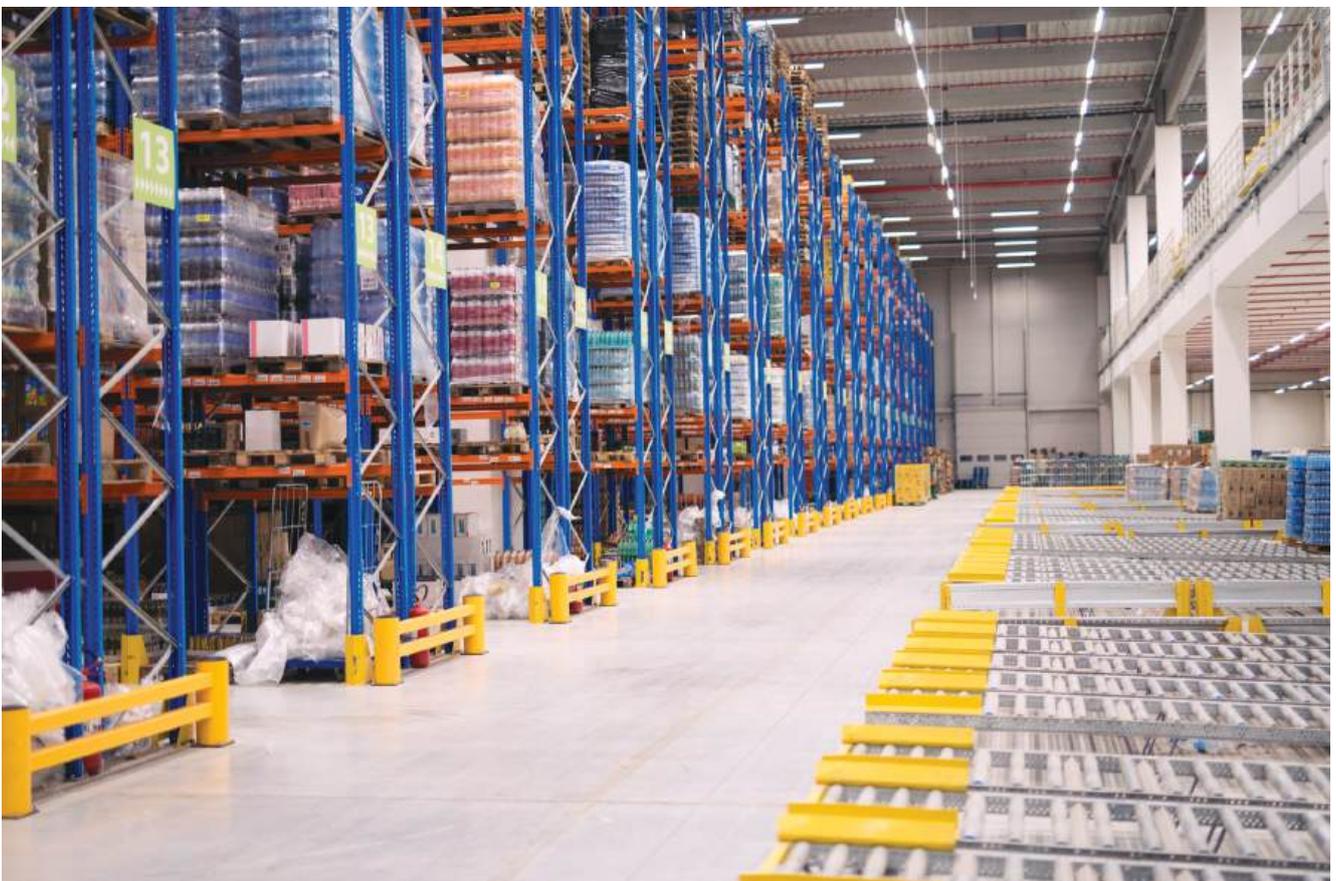
We have shop floor designed solutions is typically characterized by its layout, machinery, assembly lines, workstations, and storage areas.

We have designed storage solutions which leave more space at your workplace for productive pursuits. This might help a big way in achieving your productivity goals.

We have designed visual management solutions of high quality, effective Visual Management products, both bespoke and 'off the shelf' and visual management products to implement lean and continuous productivity improvements and improved employee engagement.

Our state-of-the-art manufacturing facility located in Pune, Maharashtra delivers an array of customized storage systems that are safe, easy to use, save space, and look beautiful owing to the perfect finish. We are the best quality Industrial racks, assembly workstation, trolley, and safety guard or partition and product display manufacturer in Pune, India.

We understand the industry needs and study the usage-specific requirements to suggest designs that fulfill the Shop and visual floor management solutions requirements in the best possible manner.



VISION

To be globally recognized leader of innovative, high quality industrial shop and visual management product that helps our customer to improve their efficiency, productivity, sustainability, and create a positive impact on society.



MISSION

To be a preferred shop and visual management product provider for diversified industry segments and to conceptualize, engineer, manufacture, and install effective storage solutions and product display with a focus on quality, speed of execution and after sales support.



VALUES

Innovation

Mechatrix Industrial Solutions Pvt Ltd are committed to continuous innovation in order to provide its customers with the best possible products and services.

Quality

Mechatrix Industrial Solutions Pvt Ltd are committed to providing high-quality products and services that meet the needs of its customers.

Customer Service

Mechatrix Industrial Solutions Pvt Ltd are committed to providing excellent customer service that exceeds the expectations of its customers.

Sustainability

Mechatrix Industrial Solutions Pvt Ltd are committed to operating in a sustainable manner that minimizes its environmental impact.

Society

Mechatrix Industrial Solutions Pvt Ltd are committed to giving back to the community and making a positive impact on the world.



SHOP FLOOR MANAGEMENT

Shop floor management, also known as floor-level management, is a set of practices and strategies aimed at optimizing the efficiency, productivity, and overall performance of the shop floor. It involves the coordination and control of various activities, resources, and personnel to ensure smooth operations and timely production.

At the core of shop floor management is the concept of lean manufacturing, which emphasizes minimizing waste, improving quality, and maximizing value. Lean principles, such as continuous improvement, standardized work, visual management, and employee empowerment, are applied to enhance productivity and eliminate inefficiencies.

The goal is to create a streamlined and flexible production environment that can quickly adapt to changing customer demands.

The shop floor is typically characterized by its layout, machinery, assembly lines, workstations, and storage area

INDUSTRIAL STORAGE SYSTEM

A) SLOTTED ANGLE SHELVING RACK

Slotted Angle is a flexible product that is widely used in small / medium Industry. A number of storage systems can be made in slotted angle & shelves due to its flexibility. It is easy to design structure customized to the customer need.

Using Conventional bolting system makes installation of storage systems fast, easy and cost effective. There are wide ranges of storage systems that can be made out of slotted angles.

- Quick, easy, cost-efficient, and simple storage solution.
- Can store items ranging from 50 kg to 150 kg.
- Depths up to 600mm and a maximum height of 2500mm is possible.
- Every level of storage is fixed and can be adjusted easily with bolts.
- This is a simple and cost-efficient solution for all storage needs.
- Slotted Angle is a quick and easy storage solution.
- Each level is fixed with the help of bolts and can be adjusted easily.
- Variety of Profile allows different load carrying capacity and improved stability.



MS SLOTTED ANGLE SS RACK



SS SLOTTED ANGLE RACKS/ FILE RACK



Benefits of Slotted Angle Shelving

- This type of shelving can be used for wide range of applications.
- Small parts, fasteners, documents and books can be stored directly and also in smaller bins and carton boxes.
- Slotted angle shelving system is utilized for manual replenishment and for quick order picking.
- It is most preferred where the storage space and height is less and the part to be stored is small.
- Facilitates quick order picking and is best for manual replenishment.
- Is utilized for a wide range of applications.
- Small boxes and bins can be conveniently stored as also spares, documents, books, etc.
- Best for storing small-sized items and when the height of storage space is less.

B) PIGEON HOLE RACKS / PARTITION RACK

Slotted angle Pigeon Hole / Partition Racks are made out of slotted angles and shelves combining different components we can make the desired slotted angle Pigeon Hole / Partition rack.

This type of racks are used When You need To cover the racks from all 3 sides and also there is a need to differentiate products in smaller Batches different sizes , color , shapes etc.... the partition in between helps in dividing the racks into small Sections called as pigeon Hole / Partition Racks. These shelving racks can be made as per the customer's needs & specifications and different loading capacity the loading capacity of these racks vary from 50 kgs/per shelve up to 150 kgs per/shelve UDL.



SS PARTITION RACK



MS PARTITION RACK

Advantages of Shelving Racks:

- o Most commonly used
- o Most flexible
- o Easy to move
- o Easy to install & easy to maintain
- o Economical cost
- o Large number of sizes available
- o Easily expandable system
- o Protected from all 3 sides
- o Easy to bifurcate the products in different sizes, colors, shape etc.



C) SLOTTED ANGLE TABLES

Work benches are tailored made out of slotted angles, the stakes increases productivity for the single flow management. This tables are extensively used in electrical, electronic, plastic, automobile, garments, textile, stationary.. etc. Extensively useful for keeping a variety of the product on the top ads well as under shelves of the table, this are offered in various specification as per the clients need.

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Features:

- o Flexible in size
- o Sturdiness
- o Proper Spacing
- o Optimum Durability
- o Excellent Storage Capacity
- o High tensile strength

C) SLOTTED ANGLES PARTITIONS

Slotted angles partitions are made as per the customer need and specification. Slotted angles partitions are widely used in factories, offices, and ware houses .etc.

Slotted angle partitions are mainly used to divide and organize material handling areas in order to bifurcate/ differentiate products or departments. These are temporary in nature and due to high flexibility can be altered or extended at any given time.



D) SINGLE DECK PALLETS

- Single Deck – Non Reversible Type.
- Two way / four way entry for the forklift, stackers and Hand Pallet Trucks.
- Load carrying capacities from 500 kg to 3000 kg per pallet
- Compatible with all types of material handling equipment.
- Two way entry type pallets are preferred for use in heavy duty racking system.
- Any practical size can be made as per customer requirement.



F) CAGE PALLET

We manufacture self-stackable cage pallets with wire mesh. The materials used are rugged and our cage pallets are safe to be used in most demanding circumstances. Structural as well as rolled sections are used in making the cage bin. Our cage pallets offer an all-side entry for the hand pallet truck and forklift. Being see-through, you can easily identify the materials stored inside.

- Cage pallet is manufactured with Rolled and sheet metal sections.
- Cage-pallet having a load capacity from 500 to 1500kg, if this load is uniformly distributed on the pallet surface and stackable.
- Mesh construction enables easy access to stored material.



Benefits of Cage Pallet

- Easy visibility of materials
- Strong, stackable and durable
- Corrosion resistant
- Four-way entry for an easy manual and machine lifting
- Suitable for transporting storing and picking.
- High stability with high bearing load.
- Loose parts materials can be stored and transported
- Can be handled with manual pallet truck and fork lifts.



G) INDUSTRIAL LOCKER

Industrial Locker offered by us is extensively cherished for their sturdy construction, excellent durability and resistance against corrosion. To make sure the same, we manufacture these lockers using better quality material and other components, while keeping in mind the industrial parameters. You may choose from 6 Door, 9 Door, 12 Door, 15 Door, 18 Door, 24 Door, 48 Door models or get lockers manufactured as per your requirement. These staff lockers can be utilized in commercial spaces, schools, clubs, etc. These industrial safety lockers are offered with multiple lockers and are powder coated which makes the storing of products safe and easier. Offered in gorgeous designs, these can be customized in different sizes and dimensions depending upon clients demands.



Benefits of Staff Lockers

- Durable
- Safe
- Economical
- Aesthetically appealing



TROLLEYS

Designed using best grade material, Trolleys is ideal critical solutions for carrying heavy loads from one place to another. Owing to sturdy construction, these are light in weight and thereby ensure complete ease for carrying different products. In addition to this, offered assortment is perfect to use in railway workshops, airports, factories, dockyards, warehouses and fertilizer plants. Clients can avail these trolleys from us in different specifications depending upon their precise demands.

Platform Trolley

Platform Trolley is extensively used for movement of gunny- bags, heavy materials, corrugated boxes, crates etc. in stores, factories and warehouses. These heavy platform trolleys are manufactured in tubular pipes, platform of sheet metal with castor wheel. The offered assortment of trolley finds extensive applications industries such as refineries, construction companies, cement industry, pharmaceutical companies, fertilizer companies, textile industry etc and different other Industries, and in any other transporting usage.



Features

- High quality
- Strongly built
- Reliable performance
- Minimum maintenance
- High load bearing capacity

Specifications

Raw Material Grade	Stainless Steel Sheet Grade 304
Top Supported	16 Guage Stainless Steel Sheet Heavy duty S.S structure with Heavy duty castors & Handle
Finish Capacity Packing	Buffed & Shined Mirror or Matt 200 to 2000 Kgs. Each in Carton or According to demand.



TOOL CABINETS

Our exclusive range of Heavy Duty Storage Racks, storage tool cabinet is designed using best grade material and thereby ensures production of flawless product-line. These tool storage cabinets are accessible in variegated designs and specifications to meet the client's requirements. With the structures being extensively used for diverse material handling applications, we are able to match up with the storage demands of industry sectors like automobile, engineering, pharmaceuticals, food and beverages and many more.



Features

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- Strongly built
- Reliable performance
- Minimum maintenance
- High load bearing capacity



Specifications

Length	900 mm – 3600 mm Length
Height	Ranges from 1800 mm upto 10000 mm
Width	600 mm (2')/900 mm (3')/1200 mm(4') or any width as per customer specification



SHELF CABINET CUPBOARDS

Shelf Cabinets are designed using superior quality material and to the clients. The special points of attraction of these Shelf Cabinets are highly spacious nature, elegant designs and robust construction. These Shelf Cabinets are able to give high performance. Furthermore, these Shelf Cabinets are customized according to the choice of the clients.



Application

- Storage of Office Files, Bins, Boxes, Tins,
- Cartons in Automotive Industries, Packing
- Industries, Chemical Industries, Offices,

ASSEMBLY WORKSTATION

Assemble Tables are made using optimum grade material and using advanced technologies in production. The assortment of tables is offered with a variety of shelves and components. These tables are ideal for storing components. Further, these tables find substantive place generally in electronic, electric, automobile and plastic industries. Our table is extremely demanded in electronic, electrical, plastic and automobile industries, owing to its features like ease to use, durability and low maintenance.



Features

- Can even place fixture on this worktable.
- All tables provided with leveler for height adjustment. Wheel is optional.
- Standard working height is 850 mm from ground.
- Fitting height of tube light is 2050 mm
- Light on table top is 350 Lux., with normal tube light.
- Finish: Standard – Powder coating (Ivory Glossy / Deep Blue).

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GRAVITY CONVEYORS

Gravity Conveyors manufactured by us are principally used to convey heavy engineering components. We utilize hard chrome rollers, and modified in different length and width as per the customer requirement. These heavy duty gravity conveyors are very well-liked in the market areas for their high quality, excellent durability, optimum performance and consistency. Clients can avail these industrial gravity conveyors from us at very affordable prices.



STRUCTURAL ALUMINUM FRAME BY USING SHOP FLOOR MANAGEMENT

Industrial Storage Rack

Structural Aluminum Frames Allow Businesses To Use The Vertical Space Instead Of Floor Space For Storage. This Makes Material/Products Easily Accessible To Employees Saving Precious Production Time And Storage Area. The Structural Flexibility Allows Us To Design And Construct The Best Possible Storage Solution To Fit The Available Space.



Features

- Standard height from ground is 2000 mm
- Structure in 30*30 and 40*40 anodized aluminum profile
- Load Carrying Capacity of up to 125 kg per layer for uniform distributed load
- Excellent aesthetics
- Fixed level adjusters
- Shelves in Ply, MS,SS
- Door material: Glass or Acrylic
- Available size : as per standard

TROLLEY

Trolleys aid you in moving material and completing your tasks quickly. The lightweight aluminum frames, which are 40% of its correspondent steel pipes weight, makes movement of the trolleys easier but still offer the durability with increased aesthetics.

Features

- Standard height from ground is 920 mm
- Structure in 30*30 and 40*40 anodized aluminums profile.
- Load Carrying Capacity of up to 150 kg per layer for uniform distributed load
- PU Line castors with brake for easy mobility
- Ergonomic design reduces physical exertion



ASSEMBLY WORKSTATION

Whether standing or seated workstations make work easier and more efficient by ensuring you have everything required within easy reach, saving time and energy. The state of production activity can be quickly assessed simply by looking around. By allowing for good posture, less exertion, fewer motions, better heights and reaches, work is more efficient as it reduces work discomfort and increases the morale of the employees.



Features

- Designed following all standard ergonomic norms
- Structure in 40×40 anodized aluminum profile
- Load Carrying Capacity of 100 to 300 kg per layer for uniform distributed load
- LED light integration for clear visibility
- Excellent aesthetics
- Fixed level adjusters
- Worktop in Ply, MS,SS
- Customized printing
- Available size : as per standard

Customizations options:

- Erasable Magnetic & Non-magnetic board
- Lower storage



PARTITION AND MACHINE GUARDING

Safety in the workplace is one of the most important points that need to be addressed. By using either Fencing, Partitions or Machine Guarding it reduces the hazard area related to a given machine. Fencing solutions are easy to specify, have fast delivery times, is delivered completely pre-fabricated and are installed on-site making it easy to do any necessary changes. Our extruded anodized Aluminum frames offer unlimited possibilities and combinations, are corrosion resistant to help keep your factory clean and safe. Each project is analyzed individually to offer the best solutions that will meet any compliance parameters required.

Types of Partition:

- 1) Welding partition 2) ACP partition 3) Wire mesh partition



Features

- Structure in 30*30 & 40*40 anodized aluminum profile
- Simplified design and installation to guard any industrial application
- Any combination of elements and systems possible
- Pre-fabricated system is installed onsite, reducing engineering & labor costs
- All components in the fencing system can easily be disassembled and reused
- Any enlargements and adaptations can easily be accommodated thus incurring minimal additional cost
- Any layout possible

Customizations options:

- Panels available in different widths
- Height per specification
- Panel material: Powder coated mesh, Acrylic, Aluminum composite panel, Welding partition & many more options

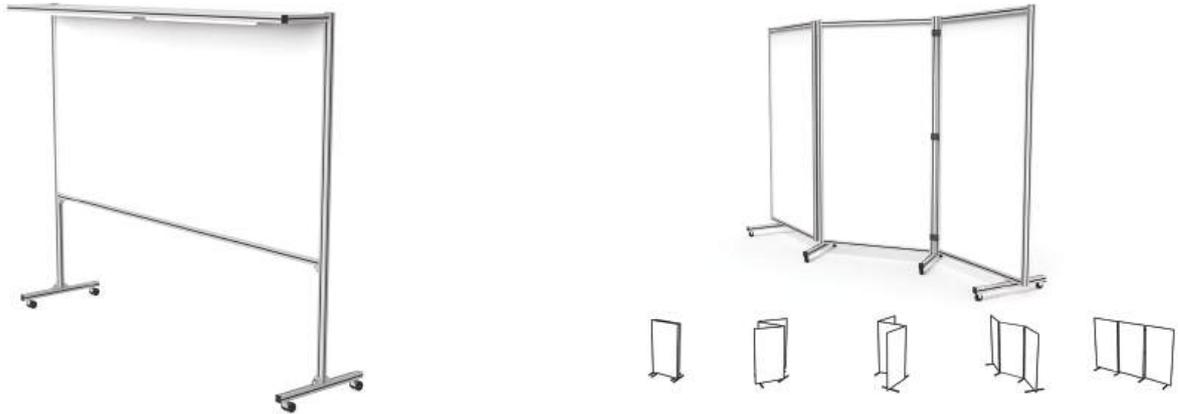


VISUAL MANAGEMENT SYSTEM

DISPLAY SYSTEMS

Display systems combine display boards with the concept of Lean displays offering a compact solution for teaching, information display and visual management. Our customizable options focus on understanding your purpose of use and delivering the best solution making the end product aesthetically appealing and space efficient.

Display Board with Light Arrangement



Features

- Standard height from ground is 2050 mm
- Structure in 30×30 anodized Aluminum profile
- White erasable surface in Magnetic & Non-magnetic options
- Multipurpose shelf
- Excellent aesthetics
- Dual side usability (for dual side option)
- PU Line castors with brake for easy mobility
- Printing and customization available
- Available size : as per standard



PRODUCT DISPLAY UNIT

Aluminum product displays give a creative and effective way of bringing your products to the forefront of the customers mind. It offers a great way to promote your products and create awareness and interaction within the organization. The flexibility in design allows for unlimited structure variations, all of which are designed to best display your product. How a product is displayed plays a critical role in the look, feel and culture of a brand. When done well, it creates awareness while simultaneously increasing brand loyalty.



Features

- Structure In 40x40 Anodized Aluminum Profile
- 4 Customizable Sides For Display
- Led Light Integration
- Excellent Aesthetics
- Fixed Level Adjusters

Customizations options:

- Shelves In MS,SS, Ply
- Customized Printing



STANDEE



TECHNICAL SPECIFICATIONS

- Structure in 40 x 40mm anodized Aluminum section.
- 45 degree angles ACP plate.
- Acrylic document cover with corner holders.
- Excellent aesthetics.
- Sturdy design.





MECHATRIX

Industrial Solutions Pvt Ltd



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