



SPARE PARTS DISTRIBUTION CENTER FOR PRESTIGIOUS AUTOMOBILE PLAYER

Case Background

One of the largest motorcycle and three-wheeler manufacturers across the world and is a household name in Indian geography with a prestigious history.

As a strategic move company had planned to set up a new Spare Parts Distributions Centre which will be a fulcrum of the supply chain catering the needs of Indian and International market.

The complexity of the automotive supply chain can be understood from the fact that a vehicle comprises thousands of components and sub-assembly modules. Moreover to that are the multitude of suppliers and a healthy number of dealerships. The move was essential since the existing warehouse was not able to cater to the increasing demands and managing lead time with new model launches.

Challenges

This Spare Parts Distribution Centre will be the fulcrum of supply chain and needed to be abreast with world class logistics facilities. The major challenges during the conceptualization of the solutions were:

Optimum Space Utilization: The cubic storage space to be created was to the tune of 100000 sq. feet.

Space for Value Add Activities: To conceptualize a warehouse which is not just a storage facility but a value creating centre.

Minimizing the Lead Time: The solution design needed to facilitate optimum material & information flow amongst the stakeholders involved.

Safety in Operations: Efficient layout & working instructions for safe material and people flow inside the warehouse.

Integration Elements: Storage system should have compatibility with conveyors and fire fighting systems.

Solution

The major highlights of the storage solution proposed and provided by us are as:

Products Installed & Capacity

1. Selective Pallet Racking: 13000 Pallet Positions
2. Heavy Duty Shelving : 10000 Picking Positions
 - Mezzanine Floor with total area of 2500 sq. meter

Key Highlights of the Solution

- The pallet racking system was divided in different blocks for the quick identification of stocks.
- Integration with VRCs and the staircases.
- Wooden Flooring for the low noise operation inside the warehouse.
- Integration with fire fighting safety elements and provision for same in design.

Godrej Storage Solutions Advantage

- Best in class spare parts distribution centre with demarcated area for value add activities.
- Minimizing facility footprint with the optimum utilization of space.
- Racking solution which enabled better visibility of SKUs inside the warehouse and thus minimized the lead time.
- Safety elements in racking solution were added to enable safe warehousing practices.
- Deploying and managing manpower to the tune of 50+ along with adequate mechanization for efficient project management.

For More Information, please contact:

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Benefits

The objective was to build a world class spare parts distribution centre within challenging timelines and to maximize operational efficiency. This feat was well achieved by us in record time. A collaborative approach of functions involved in the chain of execution made this possible and proved our capabilities to execute such mammoth of project once again.

