



REVAMPING CKD PARTS STORAGE DISTRIBUTION CENTER FOR EIGHT MODELS OF LUXURY CAR MAKER

Case Background

100 year old German premium car, bike and engine maker started its operations in India inaugurating Chennai manufacturing plant in 2007. The manufacturing plant has the capacity to craft more than 11000 units in a year. Since then, the group has continuously increased the number of its locally made car models up to eight.

New product launches and regulatory environment in India demanded a shift in supply chain strategy. To improve on waiting periods, service levels & other customer retention parameters, the group decided to realign its operations at their pivotal CKD parts storage distribution center in Chennai.

The distribution center had Selective Pallet Racking. The existing storage system was becoming an impediment in meeting the supply chain parameters and was thus affecting the end customers.

Challenges

Chennai spare parts distribution centre is the key to the entire supply chain and hence, challenges in realigning the operations could have impacted the entire supply chain. The major challenges that we faced during the solution design were:

Strict Execution Timelines: The entire execution of the solution needed to be completed in pressing timeline of 4 week.

Maximum Space Utilization: The storage space to be revamped was to the tune of 23000 sq. feet.

Execution without Disturbing Ongoing Operations: It was functional warehouse. Project execution to revamp existing racks into new system was to be done without disturbing the ongoing operation.

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

Upgraded existing storage system for the real benefits with integration enhancements

1. Shelving System: 3219 Loading Levels

Key Highlights of the Solution

- Integration of 2 Vertical Reciprocating Conveyor (VRC) and 4 loading gates for voluminous transfers and efficient dispatch operations.
- Mesh Claddings to prevent SKU fall from taller height.
- Storage System was furnished with Fire Fighting Elements – Sprinklers, Smoke Detectors, and Hose Reels.
- Ideated 4 staircases in the layout for human access.

Godrej Storage Solutions Advantage

- Our experienced team enabled shorter turnaround time to finalize the solution.
- Upgrading existing racks into new Heavy Duty Shelving System without disturbing ongoing operations.
- Efficient co-ordination in Multi-Vendor Environment to integrate various fire fighting and other elements.
- Solution was delivered within 4 weeks timeline.
- Best in class storage solution designed conforming to EN standard as per customer's international requirement.



For More Information, please contact:

GODREJ STORAGE SOLUTIONS

No.1, SIDCO Industrial Estate, Ambattur, Chennai - 600098

Tel: 1800-419-7060 | Email : storage@godrej.com