

Warehouse Process Improvements for Auto Spares OEM

About the company

The client is a major auto spares distributor based in India. The company supplies spares for trucks and buses.

Business objectives

To study the current warehouse operations and identify key levers of improvements within the warehouse, quantify the benefits and recommend a roadmap for improvement.

Business complexities

- 1 lakh sq. ft. warehouse with multiple storage systems like racking, shelving, etc.
- ~13,000 parts portfolio to be managed
- Paper based warehouse operations
- No WMS supported environment
- High reliance on particular individuals for various processes
- Manual task allocation
- High order execution time
- High rate of errors while picking

Project highlights

- Need to digitize the warehouse operations and have system guided picking and put away assisted by HHTs
- Introduce MSQ for sales to Chanel Partners to reduce the load on the warehouse operations
- Invest in faster and efficient machines – Reach Trucks, BOPT, Smaller Picking Trolleys and Conveyors for material handling
- Installation of pouching machines and MRP label pasting machines
- Fast moving kits need to be put in Made to Stock

Value delivered to the client

- Increase in warehouse productivity by 74%
- Increase in inventory accuracy by 20%
- Reduction in order processing touch time by 46%
- Improvement in task accuracy and reduction in picking errors
- Drop due to Logistics reduced by 75% by digitization of warehouse processes