

Warehouse Design for Apparel & Fashion – Case Study

Business Requirement

One of the largest business house in India into Apparel & Fashion wants De Pro to design their suiting manufacturing warehouse facility of 2.5 lac sq. ft located at Bhiwandi, Mumbai.

Business Challenges

- High No. of SKU's & Throughput.
- Need Short Cycle Time to Support Store Requirements.
- Process & Material Flow Efficiency and Accuracy.
- Improve supply chain performance to accommodate rapid organic and inorganic growth
- Flexibility to cater to skew in business volumes and growth in business
- Develop world class facilities at par with global standards
- High stock holding to support stores and other regions

De Pro Solutions

- Effective layouts created for easy access, clear identification, and quick turnaround.
- Layouts has been designed considering growth volumes for next 5 years and storage capacity of up to 1 Crore + meter.
- Storage has been designed considering Mix and Non-Mix SKU's.
- Considered usability of existing infrastructure and new advance infrastructure and automation with lowest possible investment.



Key Data Point

- SKU's – 40,000 +
- Meter Storage - 55 Lac +
- Total Manpower – 350 +
- Through Put – 2 Lac. Meter / Day
- Project Timeline – 2 Months

De Pro Value Add

- Warehouse Capacity Increased – 100% (Over Next 5 Years)
- Meter Storage – 1 Crore +
- Efficient Layout Resulted into Short Cycle Time.
- Project Delivered – Before Time