

Warehousing & Logistics

Warehousing & Logistics should be a dedicated backbone of the proposed Shahapur Fiber-to-Fashion Industrial Park. It connects every manufacturing zone with domestic and international markets.



Integrated Logistics Flow

Raw Fibre



Spinning & Yarn



Weaving & Knitting



Processing & Dyeing



Garments / Home Textiles



Packaging



Warehouse



Logistics Hub



IN Domestic Markets /  Export Markets



1. Raw-Material Warehousing

Dedicated storage for:

- Cotton & synthetic fibre
- Yarn
- Grey fabric
- Dyes and approved industrial materials
- Packaging materials
- Accessories

Proper segregation and storage conditions should be planned according to the material.



2. Finished-Goods Warehousing

Large warehouses can serve:

- Garments
- Home textiles
- Fabrics
- Packaged products

Factories can use either dedicated warehouses or a shared 3PL warehouse model.



3. Central Logistics Hub

A central logistics zone could include:

- Truck loading/unloading docks
- Truck parking
- Container handling
- Weighbridge
- Dispatch yard
- Transport offices
- Consolidation centre
- Packaging/repacking area
- 3PL logistics facilities



4. Smart Warehouse

The project can use:

WMS + Barcode/Rfid + Inventory Tracking + Digital Dispatch + Vehicle Tracking

This allows manufacturers to know:

What is stored → Where it is → Quantity → Customer → Dispatch status



5. Export Logistics

An export-focused logistics centre could provide:

Factory → Consolidation Warehouse → Container → Port → International Buyer

The final port/transport routing should be selected based on the project's actual connectivity and cargo economics.



6. Investment Opportunities

This creates several potential investment models:

Warehouse ownership

Build and lease warehouses to textile companies.

3PL logistics

Store, handle and dispatch products for manufacturers.

Container/transport services

Provide dedicated transportation.

Fulfilment centre

Serve D2C and e-commerce textile brands.

Cold/controlled storage

For products requiring specific storage conditions.



7. Green Logistics

The park can incorporate:

- Solar rooftop warehouses
- LED/energy-efficient lighting
- Electric vehicle charging
- Electric material-handling equipment
- Rainwater harvesting
- Green landscaping
- Digital route optimization
- Recyclable packaging





