

An efficient logistics operation is critical to any business. Arel provides specialist services from developing an integrated logistics strategy through the implementation and integration with the operation, through providing project management services or construction and implementation.

Arel have unique skills and experience in business logistics and the particular requirements for textile manufacturing and warehousing applications.

Arel will provide a comprehensive logistics evaluation and review as the basis for developing an integrated logistics strategy and implementation. This study will cover any part of the business from raw material storage and warehouse through production, to the entire business logistics process, up to the end customer. The review will cover the process flow from purchase or raw materials to despatch of finished product and all materials handling processes throughout the business.

Based on the review results, Arel provides integrated information systems to enhance the efficiency of the logistics process by delivering the required information to the right person in the right place, at the right time – ensuring appropriate process management and minimizing inefficient 'multiple handling' on the shop floor or warehouse.

AREL IS YOUR KEY TO SUCCESS



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Multi Machine Control

Arel Process Management

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LOGISTICS



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LOGISTICS

LOGISTICS SERVICES

Services

- o Logistics Process review and evaluation
- o Logistics Strategy Development

Facility Planning and Design

- o Capacity simulation
- o Facility Design
- o Production machine layout
- o Integrated Warehouse Design
- o WMS analysis and system specification
- o Storage and handling systems design
- o Storage and Handling equipment implementation
 - o Manual
 - o Mechanised
 - o Automated
- o 'Speed Rail' for hanging garments

Warehouse Operations

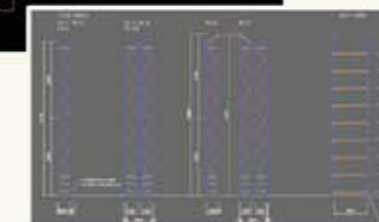
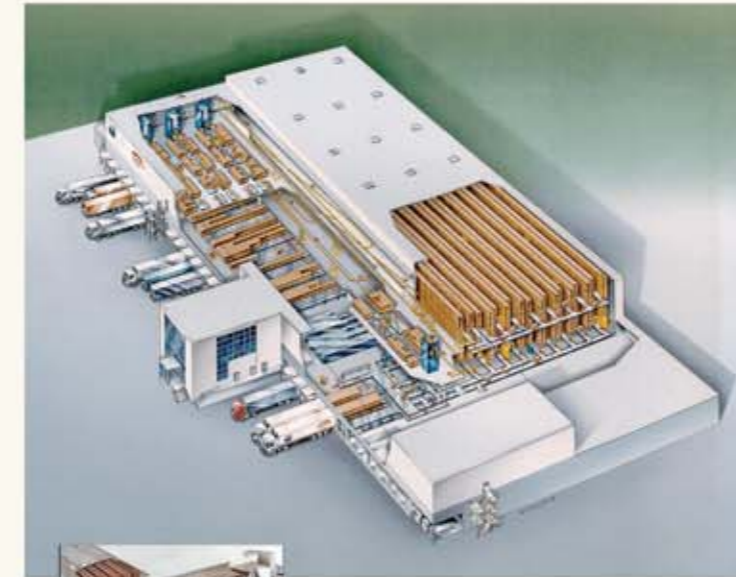
- o Pick methodologies
- o Materials handling
- o Technologies - Barcode, RF and RFID
- o Scan Packing
- o Physical inventory

Supply Chain

- o Supply Chain review and evaluation
- o Strategy Development
- o Information system specification

Project

- o Project Management
- o Implementation



INTEGRATED WAREHOUSE DESIGN

Whether for carton packaged inventory or hanging apparel Arel will design the right warehousing and storage solution for your business, which will support your needs, including, receipting, put-away, storage, pull-down, pick and pack, staging, despatch and management reporting. Different 'pick and pack' methodologies can be implemented depending on requirements, integrated with the correct materials handling and hardware technology to maximise flexibility and efficient operation.

LOGISTICS PROCESS ANALYSIS AND INFORMATION SYSTEM SPECIFICATION

One key to an efficient logistics process is a functional information system designed to manage the process and deliver key information to management and clear instructions to the operators. Arel will analyse the process, and provide a system to ensure close integration and maximize efficient operation.

FACILITY DESIGN

A well designed facility is an important part of an efficient logistics process. Arel will develop a design for a new, greenfields, facility or redesign an existing facility and develop a project plan for the smooth transition from the existing to the modified facility. This can be done, simply, for a single warehouse or an entire, integrated manufacturing and distribution facility.