



# Chapter 11

## Packaging and Materials Handling



# Learning Objectives

- To know how product features affect packaging and materials handling
- To familiarize you with packaging fundamentals such as packaging functions and labeling
- To appreciate select issues that affect packaging such as environmental protection and packaging inefficiencies
- To learn about unit loads and the unit load platform
- To identify materials handling principles and materials handling equipment



# Packaging and Materials Handling

## Key Terms

- Building-blocks concept
- Closed-loop systems
- Container
- Cube out
- Ergonomics
- Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
- Materials handling
- Package testing
- Packaging
- Pallet (skid)
- Part-to-picker system
- Picker-to-part system
- Shrink-wrap
- Slip sheet
- Unit loads (Unitization)
- Weighing out