

Selecting the Right Bulk Packaging for Storage and Shipping

Presented by:

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How do you know if you have a bulk application?

- Part Consumption Velocity
- Part Size
- Supply Chain Handling
 - Loading
 - Unloading
 - Space Availability
- Sensitivity of Parts

What is the value of going bulk?

- Lean – Handling reduction
- Increased ergonomics
- Reduce need for racking systems
- Simplify packaging (one container)
- Product protection

Bulk Options

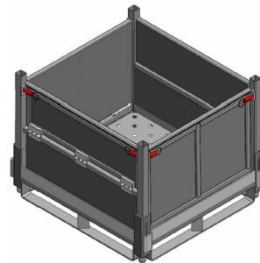
- Rigid Plastic



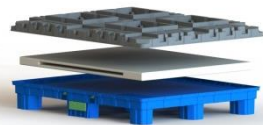
- Corrugate / Bags



- Metal



- Sleeve Packs

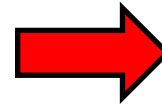
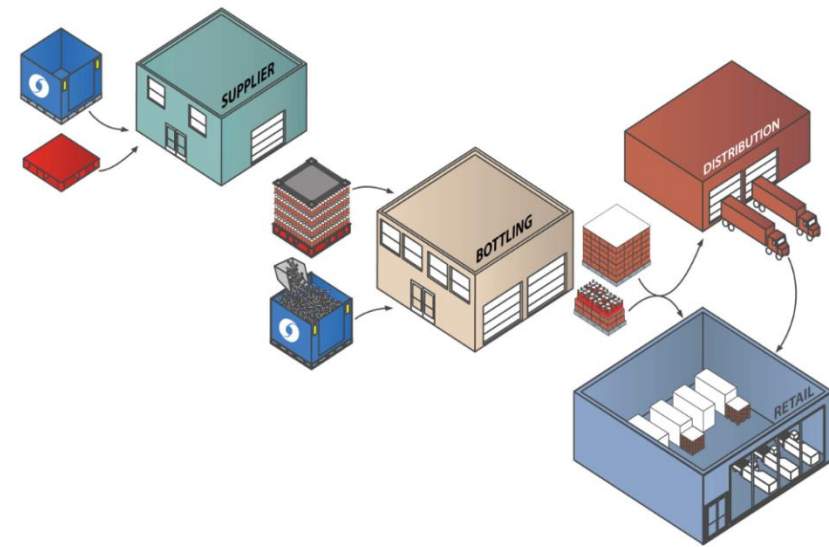


How to select the right bulk container for your application

- Load weight
- Load Type (uniform, fluid)
- Trip Distance
- Load and unloading environment (line side, dumping equipment, etc)
- Product protection requirements
- Mode of transportation (rail, trailer, ocean, etc)

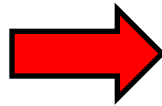
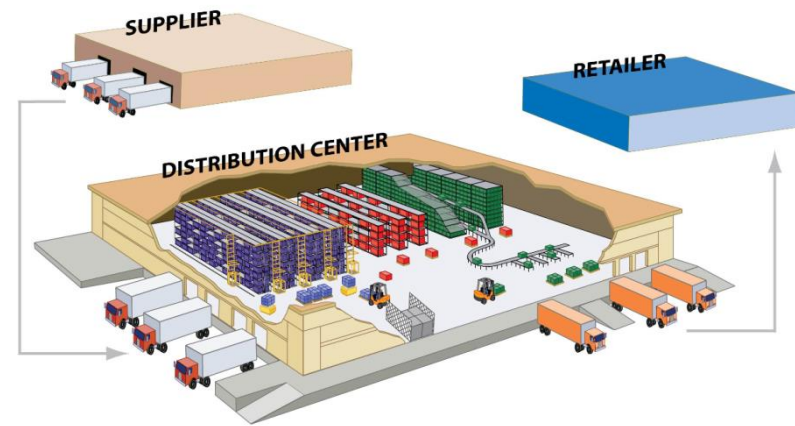
Beverage Supply Chain

- Conversion out of Corrugated bins
- Benefits Realized
 - Fewer trips – maximize cube
 - Increased product protection
 - Warehouse utilization
 - Sustainable packaging - carbon reduction
 - Lower cost per trip



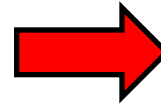
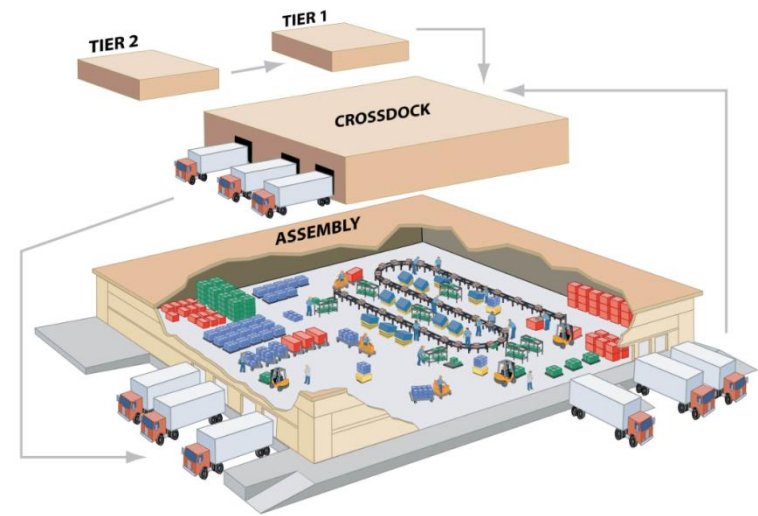
Consumer Goods

- Small lot corrugate converted to bulk
- Benefits realized
 - Savings of approximately \$1.3 million
 - Reusable packaging ROI in 1.5 years
 - Eliminated damage to bottle caps
 - Reduced waste



Industrial Supply Chain

- Metal ridged bulk conversion into plastic
- Benefits realized
 - Lower packaging tear weight
 - Warehouse space utilization
 - Eliminate contamination rust
 - Minimize need for protective dunnage
 - Lower cost per trip



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