

Packaging Engineering Services

Siebert Engineers, Inc. provides innovative solutions to problematic packaging operations. Siebert is proficient in evaluating an equipment layout and designing changes to reduce personnel and increase productivity. The cost for automated equipment typically provides a return on investment that permits its installation to be cost justified. Siebert's availability of other engineering services allows us to design the utilities and infrastructure to support the packaging line.

Packaging Equipment

- Specify and Select Commercially Available Equipment
- Source a Vendor for Custom Equipment
- Equipment Layout Considering Ergonomics
- Integrate Material Handling Equipment
- Determine Material Flow Patterns
- Determine Space Requirements for Packaging Materials and Warehousing

Packaging Systems

- Evaluation of Existing Systems to Determine Inefficiencies
- Design of New Integrated Flexible Packaging Lines from Filling to Palletizing
- Design of Equipment Arrangement to Suit Space Available
- Preparation of Elevation Views and Equipment Transfer Points

Package Development

- Ascertain volumes and packaging rates for various steps in the process
- Work with Client to Determine Packaging Materials
- Select Commercially Available Equipment
- Create Innovative Line Designs and Layout Options
- Block Flow Diagrams
- Prove Viability of Concepts
- Conceptual Cost Estimate

Industries Served

- Food, Dairy, and Confectionary Manufacturing
- Chemicals and Personal Products

Project Types

- Liquid Bottle Filling
- Powder Pouch and Bag Filling
- Product Cartoning, Case Packing, and Palletizing
- Evaluation Studies
- Packaging Line De-bottle Necking
- Automation to Remove Direct Labor

