

Material Handling Engineering Services

When Siebert Engineers, Inc. was founded the primary service provided for its clients was material handling engineering. SEI has continued to provide this service and add all of the other engineering disciplines. The services we provide cover the complete spectrum of moving any type of material or object from one point to another.

Conceptual Designs

- Determine Production Requirements
- Survey Site for Available Space
- Research Available Vendors for Commercially Available Equipment
- Develop Conceptual Layout Sketches and Block Flow Diagrams
- Prepare Conceptual Cost Estimate

Material Handling System Design

- Specify and Select Equipment
- Prepare Equipment Layouts Based on Equipment Size
- Review Vendor Drawings
- Design Chutes and Transfer Mechanisms for Equipment to Equipment Interfacing
- Determine Ancillary Support Equipment for System Functionality
- Determine Requirements for Utilities
- Prepare Equipment Elevations
- Determine Structural Support Requirements

Procurement Assistance

- Identify Vendors and Sources for New and Used Equipment
- Prepare Bid Packages
- Evaluate Bids and Perform Bid Analysis

Industries Served

- Food and Confectionary Manufacturing
- Chemicals and Personal Products
- Power Plants

Project Types

- Single Piece Point to Point Transfer
- Complete Systems from Unloading Bulk Deliveries to Point of Use Dispensing
- Powder, Granulations, Ore, Rock, Packages, and Components
- Bulk Material Handling
- Pneumatic Conveying

