

Solutions for the Food Industry

Decades of experience in sanitary design and state-of-the-art technology form the basis for our innovative extrusion, feeding and material handling solutions for food and pet food processing.



Extrusion

Extruders, Pelletizers and Ancillaries

Typical applications include:

- > Pet food, aquatic feed and pet treats
- > Confectionary
- > Snack foods and cereals
- > Texturized proteins
- > Flavor encapsulation



Feeding and Dispensing

Volumetric and Gravimetric Feeders

Feeder types include:

- > Single and twin screw
- > Vibratory
- > Weigh belt
- > Liquid loss-in-weight
- > LIW and GIW batching systems



Pneumatic Conveying

Dilute and Dense Phase, Vacuum and Pressure

Typical systems include:

- > Bulk bag, railcar and silo unloading
- > Dense phase conveying of preblends to process
- > Dilute phase conveying via pressure or vacuum
- > Refill of loss-in-weight feeders for continuous processes
- > Multi material conveying and batch weighing
- > Combined volumetric feeding and conveying where space is limited

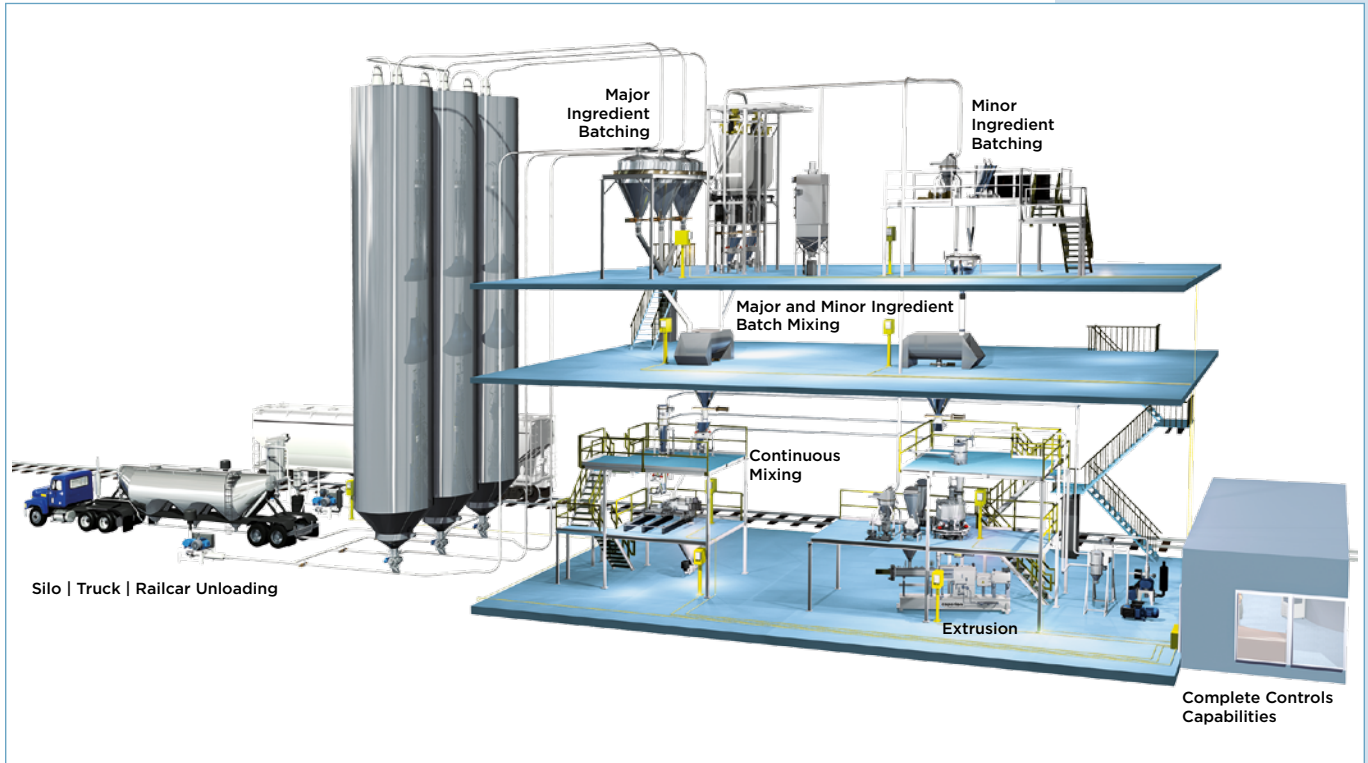


Material Handling

We offer a wide range of high quality components, such as:

- > Diverter valves
- > Feed bins and bag dump stations
- > Filter receivers
- > Secondary filters
- > Rotary valves
- > Bin vents
- > Sampling devices

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Systems Engineering Design

Experienced systems engineering groups create optimal solutions for any application with options on features such as:

- > Compliance with EHEDG, FDA, FSMA and/or GFSI initiatives, standards and regulations
- > Extensive application and material handling expertise of even the most difficult materials
- > Custom designed PLC controls with a variety of protocols with detailed HMI designs
- > Recipe and function loop controls, bar codes and tracking, and complete systems alarm analysis

State-of-the-Art Test Facilities

Fully equipped test labs are at your disposal at a variety of locations around the world. Each location can conduct tests with your process materials to answer critical process questions and determine the best configuration for a particular product or group of products.

Our Kansas State University Bulk Solids Innovation Center BSIC is a university-level research center dedicated to studying bulk solids material handling, in turn enhancing the businesses that use these materials or manufacture the systems that convey, store and dispense them.

