

MATERIAL STORAGE



Bulk Material Handling and
Storage Systems



STANDARD AND CUSTOM PRODUCT DEVELOPMENT

Sterling offers innovative material handling systems that work... for you. Our standard products are designed to work well with your existing equipment and system. Whatever your operation requires, Sterling maintains close communication with you throughout each project.

Container Dumpers

Sterling's full line of Container Dumpers removes material from containers and places it into your material handling system quickly and affordably. The line includes vertical lift and dump equipment, totally enclosed dust containment units, floor level, and elevated dumpers.

Batch Mixers

Sterling Batch Mixers provide an efficient method of obtaining a homogeneous mix of most dry materials. Our mixers excel for industries including chemicals, plastics, metals, food, and drug. This proven line of mixers handle material including pellets, flakes, granules, and powders, each mixed and ready to process.

Screw Conveyors

Screw Conveyors are designed to convey flowable solid materials. The units give you maximum efficiency when moving materials from their source to process. Our Screw Conveyors offer variable speeds to adjust the flow of material to match the speed of other machines and systems. Our extensive line of auger systems feature coreless, solid core, and specialty augers.

Bins

Our extensive line of portable and stationary material holding bins are ideal for storing both raw materials and finished product. Ergonomically designed in a variety of standard and custom shapes, bins are available in various sizes to maximize and conserve handling time, space, and energy. Specialty Agitator Bins are designed to enable difficult to flow materials (conductive to bridging and rat-holing) to be moved effectively.

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Container Tilters

Container Tilters allow you to tilt containers to their corners for easy product removal. Our Tilter units work on as little as 60 PSI and have been designed to load at floor level or low profile. An optional patented safety locking system keeps safety in mind. Also, by activating the hand button, the regulator will automatically tilt at a predetermined weight. For materials that will not flow at angles over 52°, we offer a vibrator option.

Bag Break Systems

Our Bag Break Systems are designed in the modular concept using standard components. This gives you more options when designing systems to fit your needs. Standard units include a bag station hopper, grate with cutter blade, bag shelf, and dust collecting systems. Discharging accessories include gravity, auger, or air options. The optional Bag Compactor will aid in disposing of your empty bags.

Bulk Bag Loaders and Unloaders

Sterling Bulk Bag Loaders and Unloaders are available for manual operation as well as fully automated units incorporating electric hoists, bag massagers, flow control valves, and various methods of conveying material into or out of bulk bags.

