



STERLING

PRODUCT OVERVIEW

BLENDING | CONVEYING | DRYING | PROCESS COOLING | HEAT TRANSFER | SIZE REDUCTION

THE CRITICAL FRONT LINE TO PROTECT UPTIME.



sterlco.com

MATERIAL HANDLING SYSTEMS

Sterling is a leader in the design and manufacture of resin conveying, drying and blending systems. With intuitive controls and process data collection capabilities, our solutions work together seamlessly to provide efficient operation, minimize cost, and increase uptime.



MATERIAL BLENDERS & FEEDERS

Blend color, additives, and regrind into your process. Sterling provides a wide range of blending and feeding systems for metering resin and other plastic processing additives into extruders, injection molding machines, and other process equipment.



DRYERS & DRYING SYSTEMS

Drying systems provide simple and fast drying of your process material. A variety of models are available, providing quality drying performance for nearly any application.

- Desiccant Wheel Dryers
- Central Drying Systems
- Hot Air Dryers
- Drying Hoppers



CONVEYING SYSTEMS

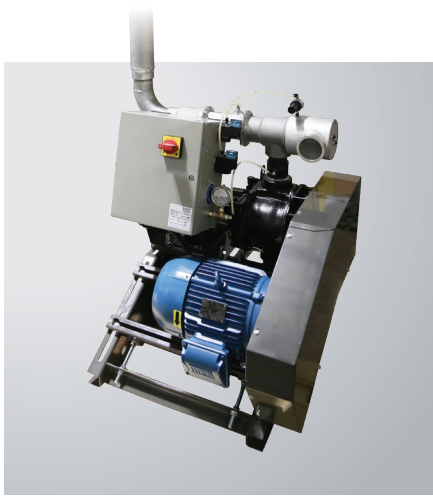
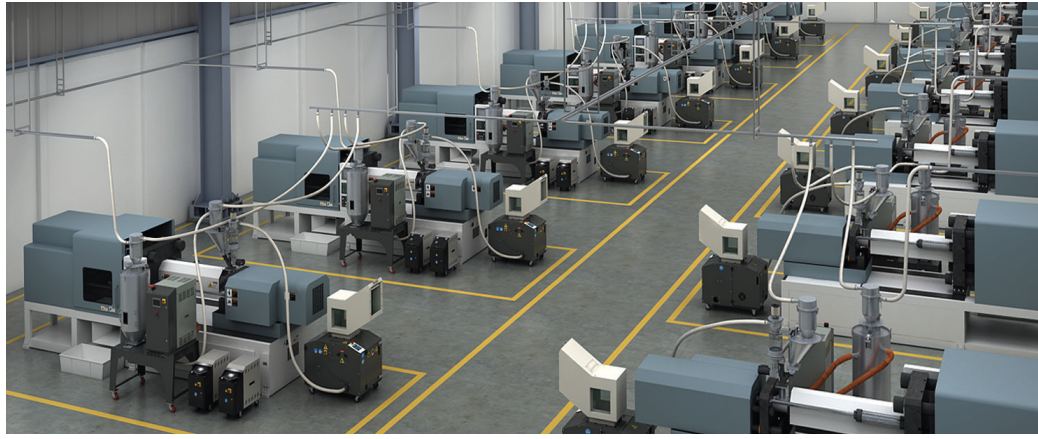
Efficiently move your free-flowing, pelletized, regrind or powder material drawn from hoppers, drums, bins, material bags, or gaylords.

- Conveying Controls
- Hopper Loaders
- Vacuum Receivers



SYSTEMS CONTRACTING

One of our greatest strengths is taking your production requirements and business objectives and recommending one or more approaches to a complete auxiliary system design. We work with you through the design, engineering, manufacturing, and installation phases to meet your unique application needs.



VACUUM PUMPS & FILTERS

Sterling's vacuum pumps are designed for 24 hour, continuous operation. Perfect for central conveying applications. Extend the life and efficiency of your vacuum pump by protecting it from damage with filter chambers.

- Vacuum Pumps
- Filter Chambers



MATERIAL STORAGE SYSTEMS

Sterling's line of bulk material handling and storage equipment includes an extensive standard product line. Turn to Sterling for systems development, custom design capabilities, and heavy-duty components.

- Silos
- Container Tilters
- Surge Bins
- Bulk Bag Loaders and Unloaders
- Container Dumpers
- Batch Mixers
- Railcar Unloading
- Screw Conveyors



FILM RECLAIM SYSTEMS

Sterling's film reclaim systems cover all the needs of a blown or cast film producer's recycling process, helping to reduce manufacturing costs.

- Edge Trim Conveying
- Edge Trim Feedrolls
- Film Grinders
- Fluff Blowers & Cyclones
- Fluff Storage Tanks

HEAT TRANSFER & PROCESS COOLING SYSTEMS

Sterling provides a broad range of cooling solutions for multiple industries. A full product offering enables us to provide a solution for your industrial cooling needs. Let our experts guide the design of a cost-effective chilling system matched to your unique process cooling needs.



WATER TEMPERATURE CONTROL UNITS

A full line of water temperature control systems help meet demanding application needs. Each TCU combines precise, automatic temperature control with easy operation for unmatched reliability and performance.



OIL TEMPERATURE CONTROL UNITS

A full line of oil temperature control systems help meet higher temperature applications. Each TCU is extremely reliable, easy to operate, and delivers superior performance.



PACKAGED & PORTABLE CHILLERS

All Sterling Portable Chillers feature a unique design that simplifies service and maintenance while conserving valuable production floor space. Packaged Chillers by Sterling are specially engineered for small, demanding industrial applications. Each self-contained unit is designed for immediate hook-up and is ready to supply clean, cooling water at constant temperatures. A wide range of economical options is available to meet or exceed the demands of almost any application.



CENTRAL CHILLERS

The latest in efficient, reliable Central Chilling Systems. Combining smart technology with modular capabilities, these chillers are designed to reduce downtime and grow with expanding application needs.



PUMP TANKS

Pump tank assemblies are backed by proven engineering and expert fabrication that have made these systems the industry standard for decades. These versatile tanks can be modified to meet the specific needs of each facility and application.



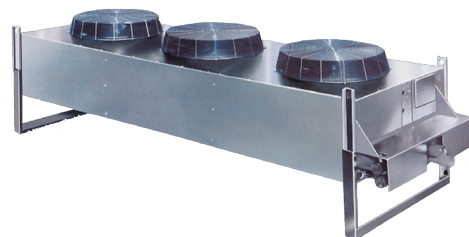
BLOWN FILM COOLERS

BFC Series blown film coolers boost productivity by eliminating production variables. Fully-engineered chilled water coil assemblies deliver air ring cooling at constant temperature, pressure, and volume.



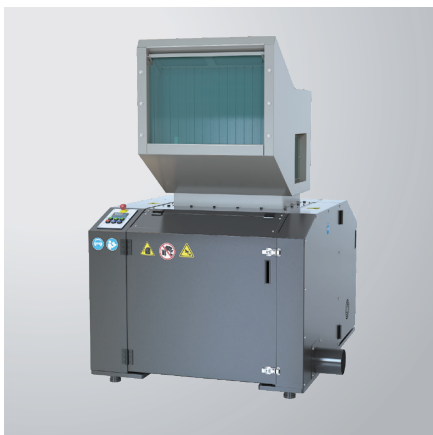
COOLING TOWERS

A wide range of cooling towers is available from Sterling's Winter Kooler, taking advantage of low outdoor ambient temperatures, to traditional cooling towers.



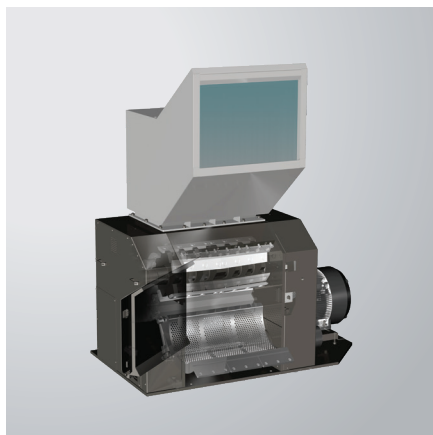
SIZE REDUCTION SOLUTIONS

Sterling designs and manufactures size reduction equipment and systems utilized in injection molding, thermoforming, extrusion and recycling facilities. A variety of product sizes and configurations handle a broad range of material throughput for hand, robot or conveyor-fed applications.



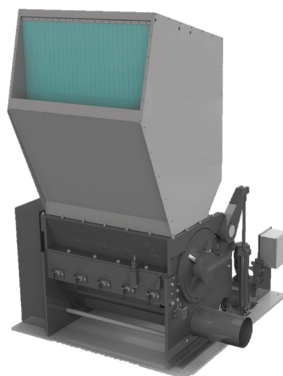
BESIDE THE PRESS SERIES

Sterling's newest series of Beside the Press Granulators features a variety of durable, high performance machines. Each machine integrates into any molding or extrusion operation for resin reclaim directly at the side of the press.



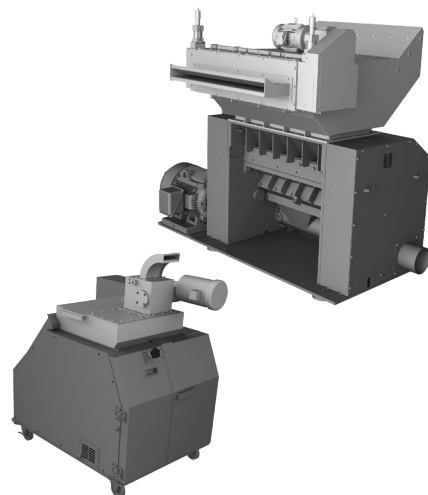
CENTRAL SERIES

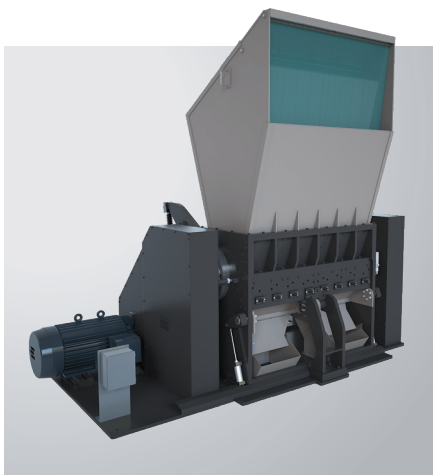
Get the flexibility to process large volume parts, with the capability to configure the cutting chamber to grind higher density parts. Multiple chamber configurations are available, allowing you to create a machine specially configured to your process needs. High quality output makes it easier to utilize the maximum amount of recycled material in your process.



THERMOFORMING SYSTEMS

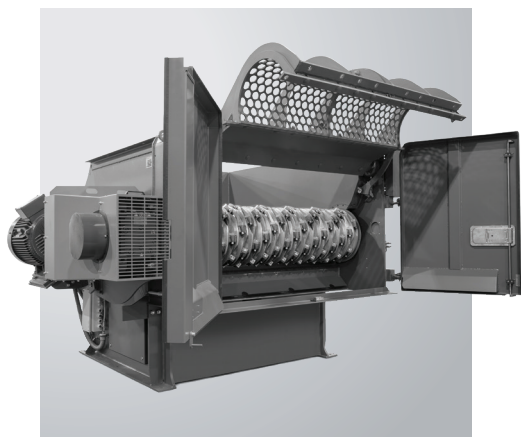
Featuring a variety of Granulators & Feedrolls that are designed to process a wide variety of material. Expertly designed infeed systems ensure smooth processing of materials from startup through full-speed operation. Our granulators and feedrolls are ruggedly built to handle a multitude of materials dimensions, draws, and throughput requirements.





HEAVY DUTY GRANULATORS

Heavy Duty Granulators are designed for the most demanding applications. From low density fiber to heavy cross-sectional parts, Sterling's largest granulators are ready to tackle your high-capacity size reduction needs. With a broad range of models and options, Heavy Duty Series Granulators are designed with large throughput processes in mind. These granulators can be paired with a shredder for optimal recovery of heavy materials. The toughest granulators on the market are ready to take on your toughest applications.



SHREDDING SYSTEMS

Make your reclaim efforts more efficient, versatile, and profitable. When used as first stage for efficient and reliable pre-breaking, shredders can add value and quality to your overall process. By properly sizing plastic scrap in a responsible way, materials are reclaimed in a more precise fashion.



PRODUCT REPAIR & REFURBISHMENT

Extend the life of your investment through factory repair and refurbishment, bringing your equipment to near-new condition.

FEATURES

- Sterling can rebuild your granulators, shredders, and feedrolls to original equipment specifications
- Rebuilt to like-new condition for 40%–50% of the cost of a new product
- Typical rebuild includes Bearings, Blades, Screens, Housings, Shields, Wear Plates, Hole Repair, Knife Block Repair, Testing, and repainting to like-new condition

INDUSTRY LEADING AFTERMARKET SUPPORT AVAILABLE

TECHNICAL SUPPORT & TRAINING

Sterling provides expert technical support and training, allowing customers to get the most out of their production environment.

ON-SITE SERVICE

Our service and support team is available to provide regular maintenance and emergency service at your facility.

PARTS SUPPORT

Thousands of parts are in stock, ready for same-day shipment including specific wear parts. Customer service representatives are ready to assist, ensuring you get the part you need—when you need it.





Sterling is the front runner in temperature control units for plastics and industrial applications. For more than 100 years, Sterling and the Sterlco® brands have been synonymous with dependable temperature control for applications in plastics, food and beverage, pharmaceutical, and many other industries.

Sterling has grown to be a market leader across a broad range of auxiliary equipment for the plastics industry, leading the way in chillers and process cooling, material handling, and granulators.

Sterling brings a century of experience, providing our customers with premium value and quality.

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