



Size Reduction



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MA Series Auger-Fed

Colortronic Auger-fed granulators feature a low profile design with an exclusive screen drawer and hinged lid, which provide complete chamber access for quick, easy cleanout. The slant chamber design robots/sprue pickers or parts separators.

About Us

Colortronic now offers a full line of size reduction and recycling equipment from under-the-press to centralized granulator systems. Our team of industry experts will design a system to your application, oversee installation and support the equipment after the sale.

MT Series Thermoform Under-the-Press

Designed for continuous reclamation of skeletal web directly from the thermoform trim process, the MT Series granulators are available in 36:" or 56" feed widths. For low power, low RPM operation, six knives are mounted in an offset pattern on the alloy steel rotor in conjunction with two adjustable, stationary knives with double cutting edges. This mean more lineal inches of cute, mor capacity, and less likelihood of plugging.

Plastics Separator & Process

The PolyMag™ Process provides an effective and automated means to recover manufacturing scrap and waste for multi-material processors. To do this, the PolyMag™ additive is incorporated into one of the polymers prior to molding, similar to colorant, making this resin susceptible to the very strong magnetic field produced in the Erium Rare Earth roll separator. Scrap parts are run through a traditional granulator and the PolyMag™ separator can then separate the mixed polymer regrind.



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Size Reduction Products

M1000 Series Beside-the-Press

The M1012 and M1018 Series granulators are designed for efficient beside-the-press regrind of reject components from injection molding, blow molding and extrusion process. Quiet running and extremely versatile, these granulators can be used with robot feed, conveyor feed or hand feed applications.

The M1000 Series offers a quick-release hand knob access and removable pivoting drop-down screen and screen cradle for quick access to the cutting chamber for maintenance and cleaning.

MTG 800 Series Beside-the-Press

MTG 800 Series Beside-the-Press granulators feature a modular hopper design. Its innovative design reduces both cleanout time and knife adjusting time. The revolutionary new 800 Series granulator is designed with easy access to all major components, simplifying service and maintenance.

MTG1200 Series Beside-the-Press

The MTG1200 offers a wide range of capabilities to handle the most demanding injection molding, blow molding and extrusion requirements.

- Solid Flywheel drive sheave
- TEFC motor
- Three (3) blade open rotor with rotating end discs; Two (2) Bed knives
- Top-access bed knife adjusting system

MTG1600 Series Beside-the-Press

MTG1600 Series models include 16x20, 16x28 and 16x40 cutting chambers. All three models provide excellent quality regrind and quiet operation. Unique machined, bolted and doweled construction ensures durability. Double-sealed bearings are lubricated for life. Rotating end discs are standard throughout the MTG1600 Series line for minimized friction and heat buildup.



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- 1 Polymag™ Separator
- 2 MA Series
- 3 MT Series
- 4 M1000 Series
- 5 MTG1200 Series
- 6 MTG1600 Series



M Series Beside-the-Press

Portable, slow running granulator with feed chute, motor overload protection and visual alarm signal. The M103 and M253 are easy to maintain and quick to clean. Hinged construction allow for easy accessibility to the cutting chamber, and handles are sprues and rejects from injection molding machines.

MS Series Beside-the-Press

The MS Series, the latest innovation from Colortronic, features screenless operation with no longs regrind. The small footprint squeezes in the tightest of spaces and its rugged, heavy-duty construction provide years of dependable and reliable service. The MS Series also provides quick and easy, no tools access for ease of maintenance.



M65 Series Beside-the-Press

Providing efficient and versatile granulation for a variety of applications, the M65 Series can be used with robot feed, conveyor feed or hand feed operations. Colortronic's M65 Series granulators provide maximum cutting efficiency with low speed, 3-knife open rotor design.



Size Reduction Products

MSM2000 Series Central

Featuring Twinshear knife configuration to increase cutting efficiency, the MSM2042 and MSM2062 Series granulators offer throughputs from 1800 lbs/hr up to 2600 lbs/hr. The granulators are easy to maintain with a drop-down screen cradle and hydraulic tilt mechanism on the infeed hopper for quick and easy access to the cutting chamber and rotor. The 2042/2062 Series' low feed height and large widths are ideal for thermoforming, and a variety of infeed, discharge, and rotor options provide added flexibility for almost any application.

MSH3200 Series Heavy-Duty Central

The MSH3200 Series granulators have been designed with you, the processor in mind. They cover a wide range of applications including heavy extruder purgings, blow-molded flashings, thick sheet, pipe, large blow-molded parts (automotive, furniture, profiles), X-ray films, packaging and large capacity post-consumer products.



MSM2400 Series Central

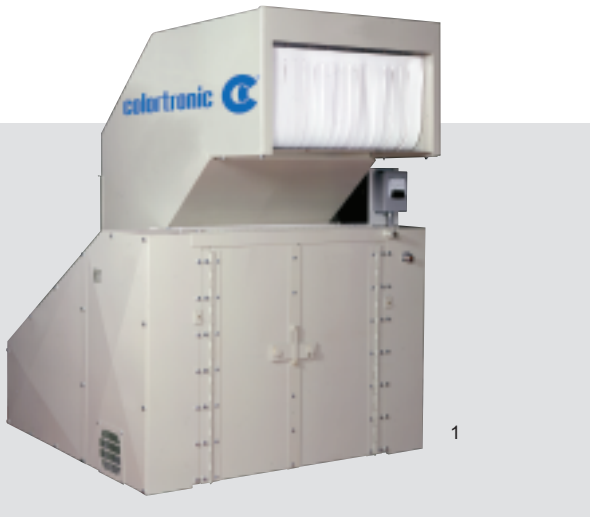
Colortronic's MSM2400 Series is one of the most versatile central granulators available. Ideally suited for applications including large injection-molded parts, blow-molded parts, automotive moldings, light purgings, furniture and appliance parts, etc. The MSM2400 Series comes in 27" (700 mm), 39" (100 mm) and 56" (1400 mm) widths, cutting circle diameter of 24", and horsepower options from 50 to 150 hp with throughputs from 1800 to 6000 lbs/hr.

MSH Series Heavy-Duty Central

Colortronic's MSH Heavy-Duty central granulators are designed for high capacity central reclamation. They can granulate a wide variety of plastics scrap, from low density fiber to thick, high molecular weight purgings, and can be integrated with a variety of handling equipment. They feature a high shear rotor and heavy duty double roller bearings mounted on the outboard to avoid contamination.



- 1 M Series
- 2 MS Series
- 3 M65 Series
- 4 MSM2000 Series
- 5 MSH3200 Series
- 6 MSM2400 Series
- 7 MSH Series Heavy-Duty



MSH2000 Heavy-Duty Central

Colortronic's MSH Series is designed for heavy-duty, high capacity granulation. Ideally suited for applications including heavy extruded purging, sheet, pipe scrap, X-ray film, post consumer bailed bottles, film and fibers. The MSH Series has a cutting circle diameter for 18" and horsepower options from 100-200 hp.

MTF Series Medium Tangential

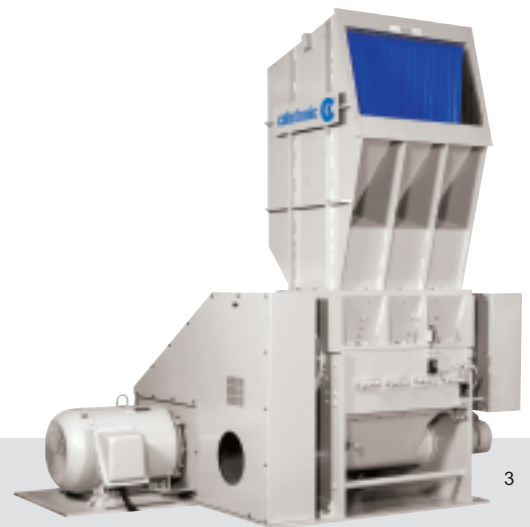
Colortronic's 2024 and 2036 Medium Tangential granulators accept large products with improved performance and are 100% American made. The MTF offers customers a solution to granulation problems by minimizing part bouncing and optimizing material processing for large, bulky parts.

MT Series Thermoforming

The Colortronic MT Series offers reclamation of thermoformed, extruded scrap, sheet, web and edge trim. With a standard 50 hp motor and throughput capacities up to 3,000 lbs/hr, there is a colortronic granulator idea for your specific needs. The MT Series models include 14 X 56" and 14 X 62" feed chute openings. Both provide heavy-duty construction and quiet operation. Double sealed bearings are lubricated for life.

MTF Series Large Tangential

Colortronic's Large Tangential Series Granulators feature heavy-duty construction, including an easy access base, which creates a stronger design with easy clean out and servicing.





Size Reduction Products

Two-and Three-Shaft Shredders

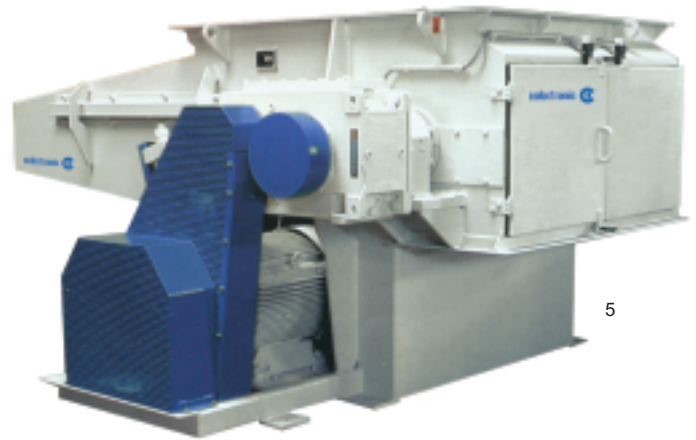
Colortronic's Two-Shaft Shredder with discharge screen features size reduction for primary or secondary processing for electronics, tires, pallets, plastics, film, C & D, medical waste, and steel drums. The Three-Shaft Shredder with discharge screen features size reduction with consistent particle size for electronics, tires, pallets and plastics.

Impact Pulverizers

The MPM Series Impact Pulverizers feature high-speed precision pulverizing of medium-hard, impact-resistant and friable materials. The two piece design makes maintenance easier, allowing the outer sides to be reshaped or replaced without removing the inner discs.

VH Series Shredders

The VH Series Rotary Grinder is designed especially for size reduction of vinyl siding, PVC fencing, plastic extrusion profiles and other scrap materials. The VH Series offers a low speed, high torque design, oversized drivetrain, heavy spherical roller bearings, and a stress-free frame, robotically welded.



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- 1 MTF Series Medium Tangential
- 2 MTF Series Large Tangential
- 3 MSH2000 Series
- 4 MPM Series Pulverizer
- 5 VH Series Shredder



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