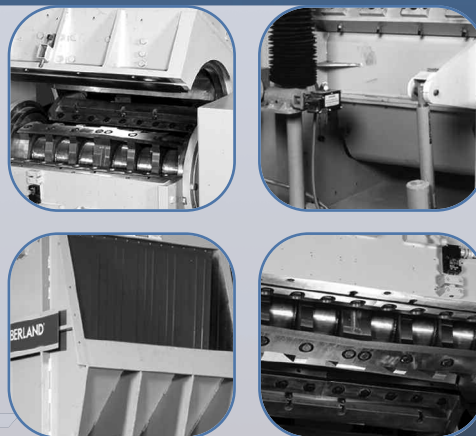
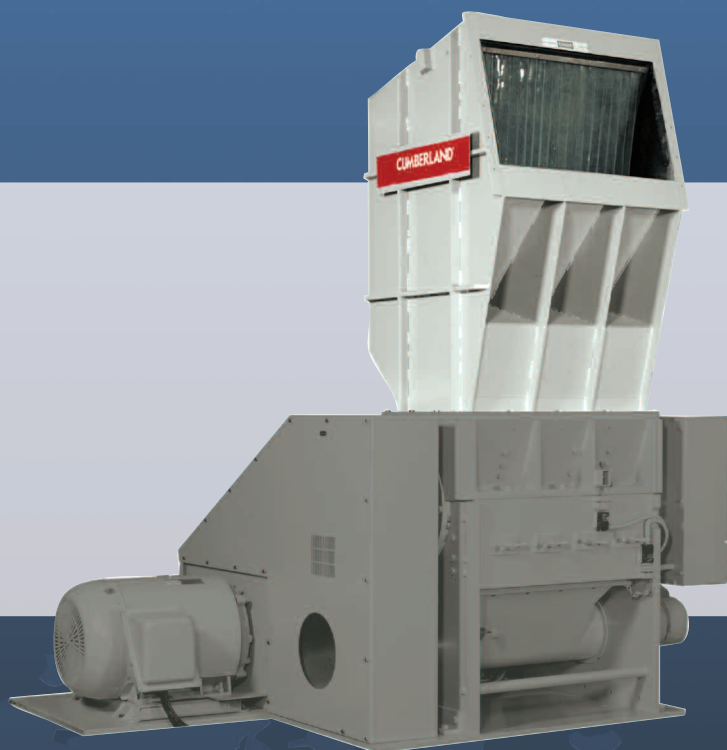


C SERIES

Central Granulators



C Series Granulators Offer Heavy-Duty Size Reduction

The C Series is designed for heavy duty, high capacity granulation. Ideally suited for applications including heavy extruded purgings, sheet, pipe scrap, X-ray film, post consumer bailed bottles, film and fibers. The C Series comes in 40" (1000mm) and 56" (1400mm) widths, cutting circle diameter of 18", and horsepower options from 100 thru 200 hp.

www.cumberland-plastics.com

Features

- Dual flywheel high torque design
- Unique rotor and disc design reduces frictional heat, helps prevent end-plate smearing
- Exclusive Twin Shear™ slicing action reduces energy consumption, fines and extends knife life
- Split chamber, easy cleanout service access

Options

- Up to 200 hp
- Hog style rotor
- Raised bed knife system
- Conveyor feed with amperage feedback

Twinshear™ Knife Design

- Creates "scissor cutting" action, reducing energy consumption
- More efficient than chopping motion knife designs
- Allows the C Series to handle the most difficult plastic purging

Split Chamber

- Raises the upper half of the cutting chamber and lowers the screen cradle and discharge assembly via motorized screw jacks
- 50% reduction in clean out time
- Simplifies access for knife adjustments and replacement
- Allows further reducing of service downtime by not requiring the air evacuation piping system to be disconnected

Cutting Chamber With Rotating End Discs

- Prevents polymer "melt-down"
- Virtually eliminates "endplate smearing"
- End ring (disc) rotates in relationship to the cutting chamber, improving airflow and minimizing frictional heat generation

Specifications	C1000	C1400
Throat Size	20" x 40"	20" x 56"
Cutting Circle	18"	
Throughput (3/8" screen)	2500	3500
Infeed	Conveyor	
Cutting Chamber	(2) Bed	
Rotor	(2) Knife Twin High Shear	
Rotor Knives	(3) HCHC	
Bed Knives	(2) HCHC	
Screen Diameter	3/8"	
Base	Airveyor	
Discharge	Airveyor	
Motor (tefc)	100	125
Drive	V-Belt	
Electrical Components	Safety switches wired into common junction box	
Controls	To suit voltage - 110V at operator station	
Accessories	Conveyors, blowers, cyclone separators to suit application	
Feed Height	102"	
Length	87" (2200 mm)	
Width	126" (3200 mm)	148" (3700 mm)
Height	122" (3100 mm)	122" (3100 mm)
Weight (lbs)	14,000	17,000

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