



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

balled 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.

C Series Central Granulators

Standard Features

- Dual flywheel high torque design
- Unique rotor & 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

Unique C Series Rotor and Cutting Chamber Design

- 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

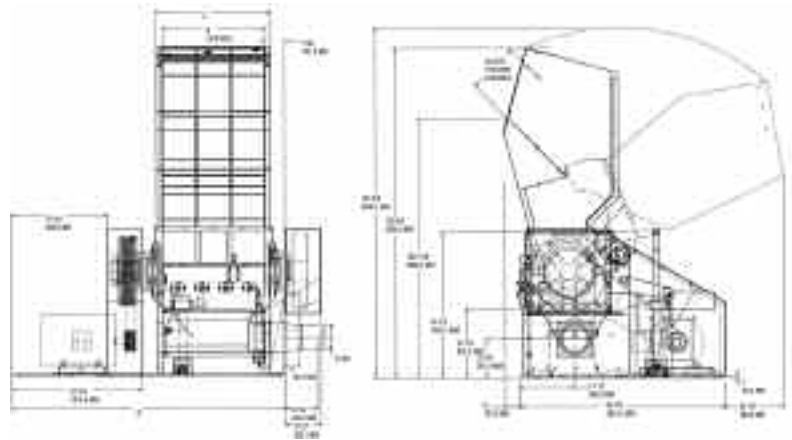
Twin Shear® Knife Design

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

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

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



Ruggedly built to international standards, these machines will handle a wide variety of applications including bulky blow molded parts, thermoformed web and cut-sheet products, extruded sheet and film, plus the full gamut of post-consumer plastics for recycling operations.



CORPORATE HEADQUARTERS

2900 S. 160th Street
New Berlin, WI 53151
TEL: (262) 641-8600
FAX: (262) 641-8650

www.cumberland-plastics.com

REGIONAL SERVICE CENTERS (800) 229-2919

ACS Tech Center
4100 Market Place
Flint, MI 48507
TEL: (810) 720-7300
FAX: (810) 720-2598

ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE

©2010 Cumberland Engineering

Bulletin CG6-120.3