



Technical Specification

3200 Series Granulators



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3200 Series Granulators

Application:

The 3200 Series was designed for centralized reclamation of bulky parts, energy-absorbing, high impact and friable materials, heavy wall pipe and fittings, thick plastic blocks and purgings, non-ferrous metals, wire and cable, and tire shredding reclaim. These granulators are ideal for large solid furniture parts, cast blocks and purgings of ABS, nylon polypropylene, polycarbonate and acetate.

Features:

Model	Throat Size	Cutting Circle Diameter	Throughput	Approximate Weight
3263	813 x 1600 mm	914 mm	4540 kg/hr	18,145 kg
3284	813 x 2134 mm		5900 kg/hr	22,680 kg

Benefits:

- The 3200 Series is engineered for the toughest production jobs.
- Powered hopper tilt and cradle swing down for easy access.
- Ruggedly built for maintenance-free operation: Solid hardened rotor and a heavy steel plate cutting chamber, deep welded and precision machined.
- Oversized bearings in integral ground housings permit close knife clearances for longer knife life and cleaner cut material.
- Segmented screen lifts out easily.

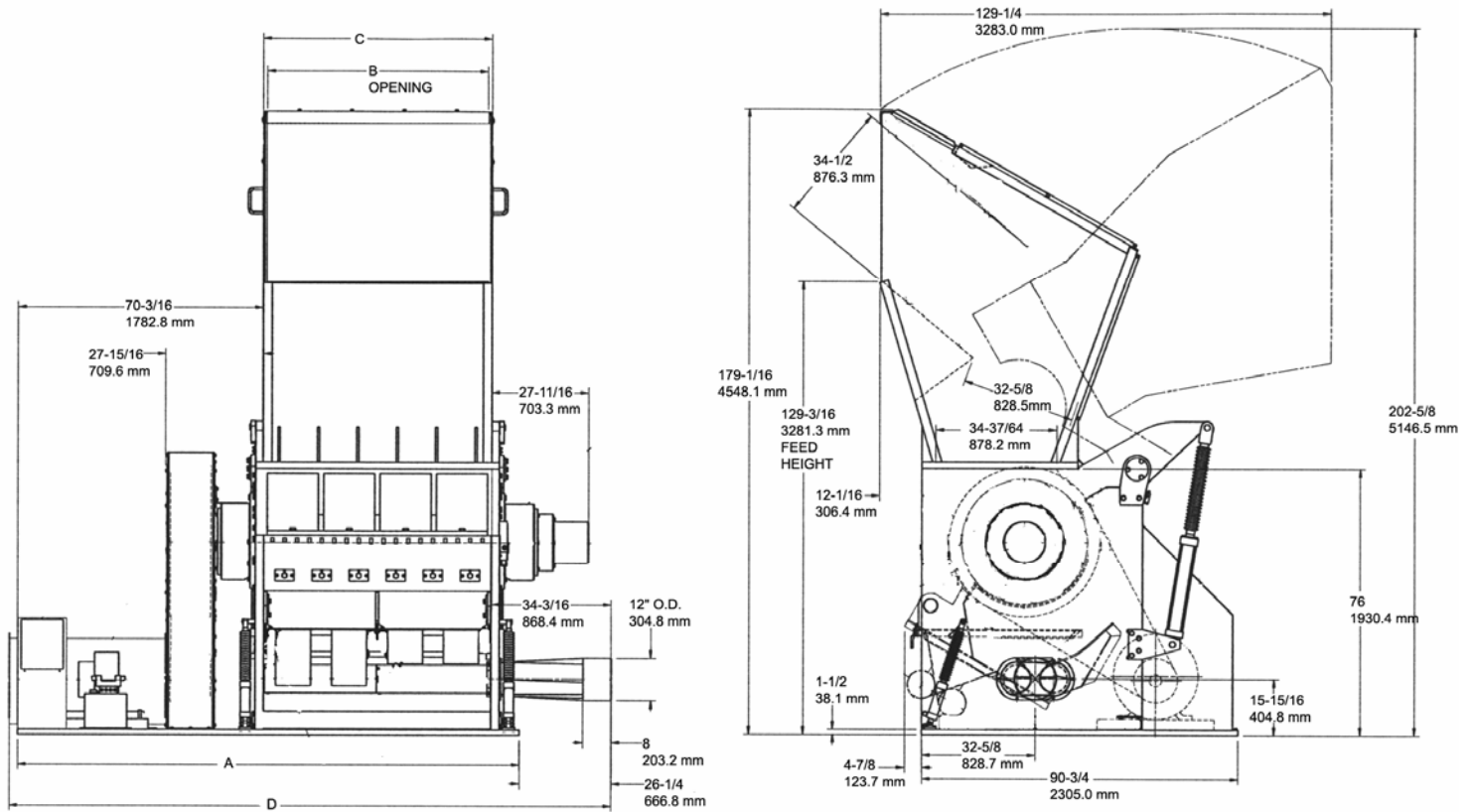
Specifications:

	Standard	Standard Options	Special Options
Infeed	Conveyor feed	Sheet feed Tray and feed roll Tray feed Pipe feed	
Cutting Chamber Rotor	2-bed knife	Hard faced, Water cooling	3rd bed knife
	3-knife offset	5-knife offset 20 knife hog 30 knife hog (model 3263)	5-knife Twinshear 7-knife Twinshear 9-knife Twinshear 12-knife Twinshear
Rotor Knives	HCHC, 55°, S/A	HCHC, Hog type	
Bed Knives	HCHC		
Screen	10 mm dia. non-heat-treated	5 mm to 101 mm diameter	4140, heat-treated
Base	Low-profile		
Discharge	305 mm Airveyor chute (model 3263) 356 mm Airveyor chute (model 3284)	Conveyor	
Motor	150 kW (model 3263) 186 kW (model 3284) 1200 RPM, TEFC, 240/400v @ 50Hz	110 kW – 300 kW, TEFC	Special voltages, customer supplied motors
Drive Parts	V-belt	Dual flywheel	Customer supplied
Electrical Components	Start/Stop push buttons and safety interlocks		
Controls	Hydraulic Power Pack for hopper and screen cradle	400 volt	Special voltages, reduced voltage starter
Labels	Safety labels/English	French/Spanish	
Accessories		Blower, separator, common stand, conveyor	

— See Page 2 For 3200 Series Drawings —



Cumberland 3200 Series Granulators



Dimensions:

Model	A	B	C	D
3263	3645 mm	1603 mm	1661 mm	4372 mm
3284	4178 mm	2137 mm	2194 mm	4651 mm