

SHURFEED™ 2000 GRANULATORS

Machine-side and central granulators with unique chamber design for fast recovery of tough, bulky parts, thick sections, sheet and film.



POLYMER SYSTEMS

Quiet Operation

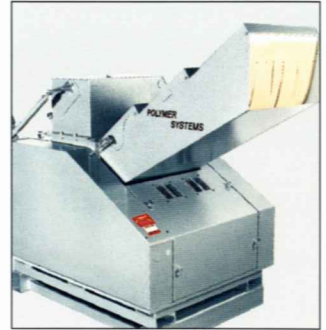


Soundproofing panels provide 85 dbA or less in most applications, while retaining ease of maintenance, service, and clean-out.

Hoppers are constructed of a special sound-deadening steel-polymer-steel laminate.

Modular Hoppers

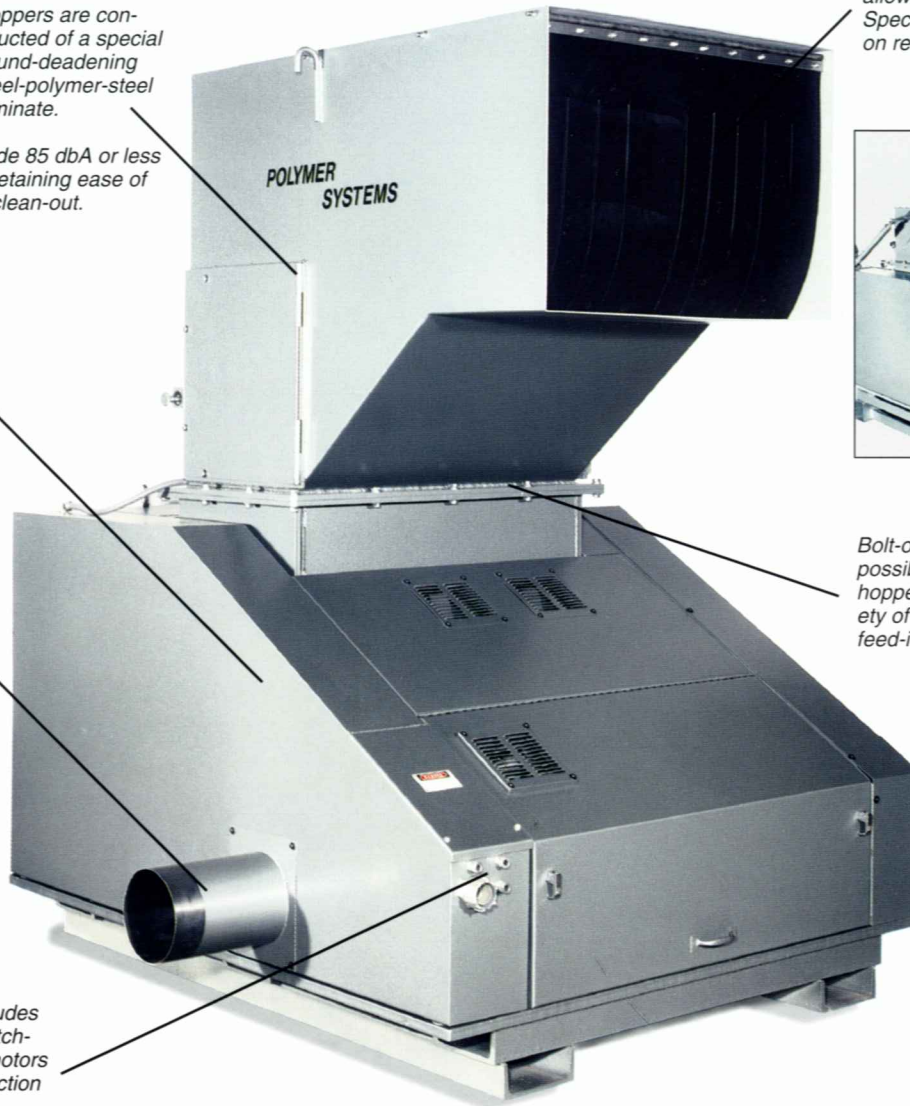
Standard, low profile machines allow convenient manual feed. Special heights and hoppers on request.



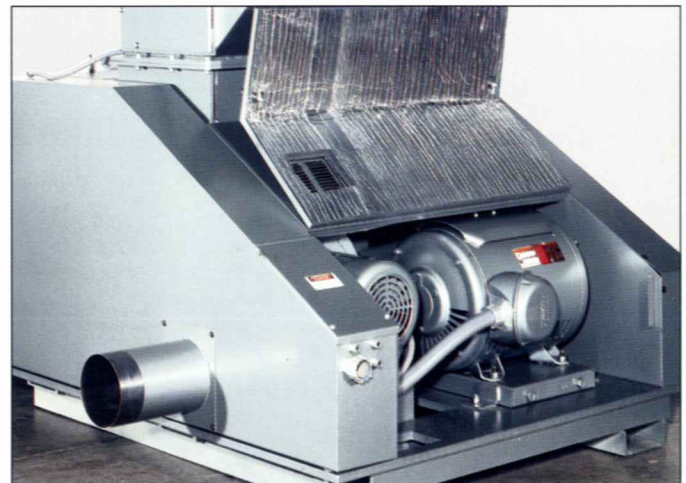
Integral evacuation blower reduces floor space requirements. Horizontal or vertical discharge.

Bolt-on hopper design makes it possible to install alternate hopper configurations for a variety of manual or automatic feed-in applications.

Standard factory wiring includes hopper and screen limit switches, granulator and blower motors wired to one convenient junction box.



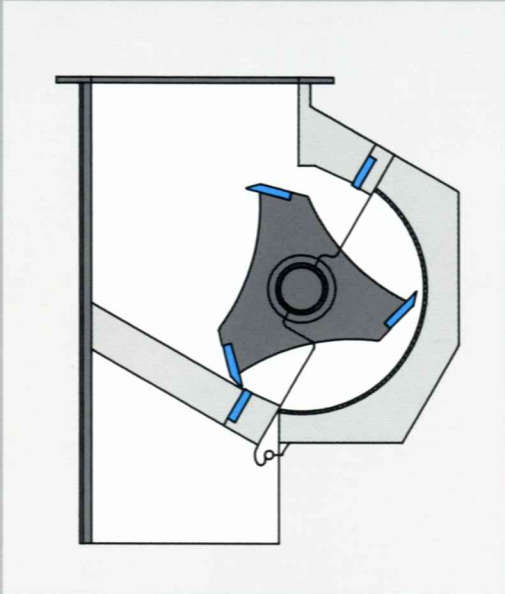
A massive high inertia rotor system, mounted in heavy duty bearings outboard of the cutting chamber, insures cutting of thick sections without jamming. The cutting chamber and screen cradle are of heavy duty welded construction. Complete access is provided at rear of machine for fast, simple cleaning and adjustment.



Long lasting, wear resistant evacuation blower is mounted inside sound proofing enclosure for quiet operation and minimal floor space requirements, yet easily accessible clean-out.

**POSITIVE FEED,
NO FLYBACK,
MAXIMUM THROUGHPUT**

Shurfeed™ cutting chamber design allows material to fall directly in front of the rotating knives and to be pulled quickly through the cutting action for fast, complete granulation without piece bounce and flyback.



Three steep angle rotor knives and two bed knives mounted in Double Angle Cut™ configurations reducing energy consumption, noise, heat and fines, while increasing throughput.

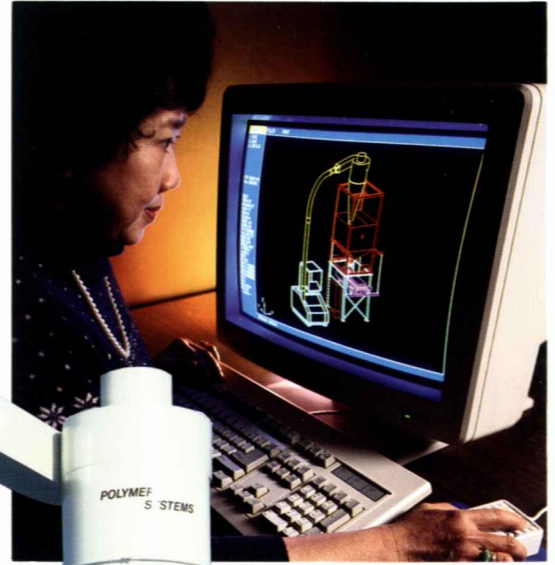
**"Full Measure"
Granulating Efficiency**

Only Polymer Systems gives a clear, unobstructed feed opening equal to rotor diameter for maximum performance through every inch of the cutting circle. This unique design maximizes granulator capacity, eliminates bottlenecks at the entrance to the cutting chamber and dramatically increases effective screen area for fast throughput. Ask for a comparison!



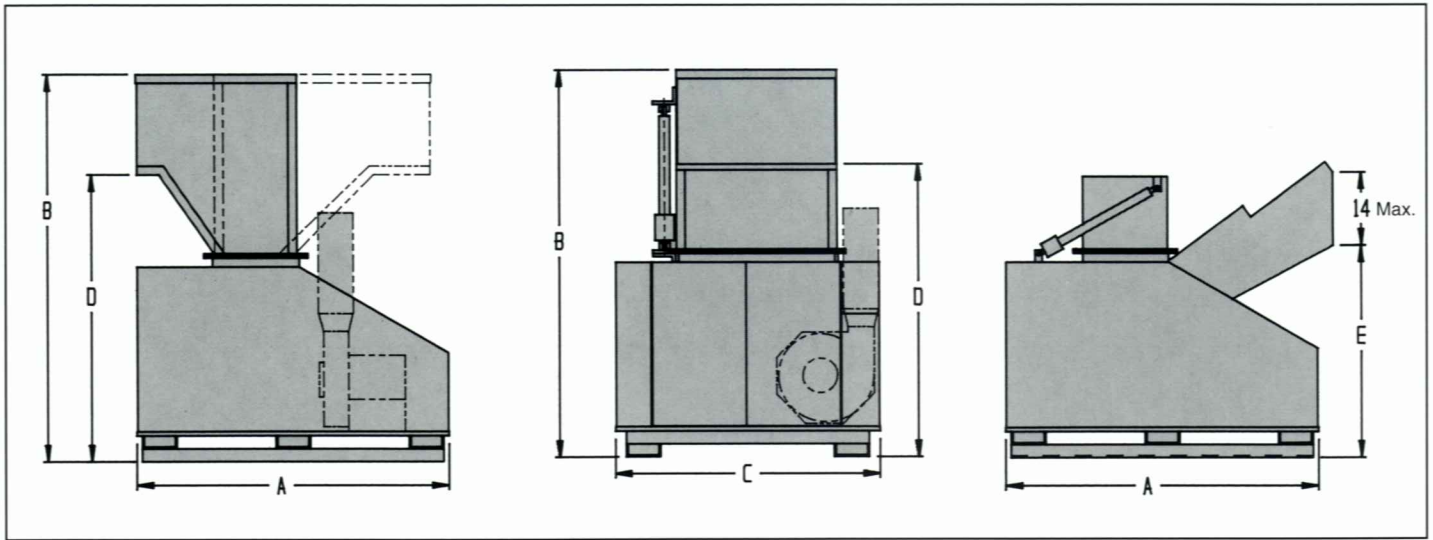
**CUSTOM SYSTEMS . . .
CONCEPT THROUGH START UP!**

Polymer Systems can provide knowledgeable applications specialists and the latest CAD engineering capabilities to develop special machine configurations and complete systems with a full array of control, conveying, parts handling and automation equipment to meet specific turnkey material recovery requirements. Talk with us about your particular needs.



System shown includes:

- SF2036. 75 HP Granulator
- #15 7.5 HP Blower/Cyclone Evacuation System
- 3000 lb. Surge Bin
- Material Classifier
- NEMA 12 System Control Panel

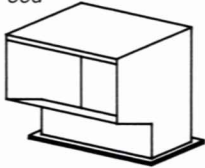


DIMENSIONS

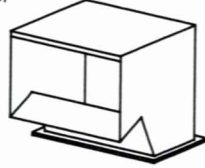
MODEL*		A	B	C	D	E**
2030	in.	72	90	55	68	48-60
	(mm)	(1829)	(2286)	(1397)	(1727)	(1219-1524)
2036	in.	72	90	61	68	48-60
	(mm)	(1829)	(2286)	(1549)	(1727)	(1219-1524)
2042	in.	72	90	67	68	48-60
	(mm)	(1829)	(2286)	(1702)	(1727)	(1219-1524)

** Infeed height depends on hopper length to allow parts to be completely inside hopper before contacting rotating knives.

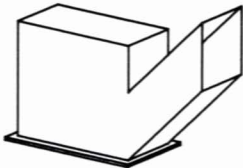
Front Feed



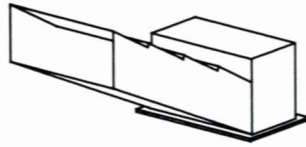
Conveyor Feed



Side Feed



Sheet Feed with Surge Hopper



HOPPER CONFIGURATIONS

Many feeding systems are currently operating successfully in the field. These include machines adapted to fully automated systems, unusual material shapes and sizes, and multiple feed applications. Completely automated evacuation and collection systems are also available. We will be happy to accommodate your specific requirements.

SPECIFICATIONS

MODEL*		2030/2430	2036/2436	2042/2442
Throat Size* at Chamber	in.	20 x 30	20 x 36	20 x 42
	(mm)	508 x 762	508 x 914	108 x 1067
Screen Area	in. ²	730	910	1050
	(cm ²)	4562	5688	6563
Motor	HP	40-50	50-60-75	75
	(KW)	30-37	37-48-56	56
Cutting Circle (dia.)	in.	20	20	20
	(mm)	508	508	508
Rotor Knives		3	3	3
Bed Knives		2	2	2
Weight	lbs.	6000	6700	7400
	(kgs.)	2727	3045	3364
Throughput	lb/hr	2000	2400	2800
	(kg/hr)	910	1100	1275

*ALSO AVAILABLE!

- 24" x 30"
- 24" x 36"
- 24" x 42"

Polymer Systems manufactures a complete line of granulators, including press side, auger feed and heavy duty central machines. Also available are specialized designs for automation, hot material and film recovery, and large, bulky parts such as blown bottles and molded housings.

We encourage and support post-consumer recycling efforts, and offer systems for a variety of recovery applications!



HOSOKAWA POLYMER SYSTEMS

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