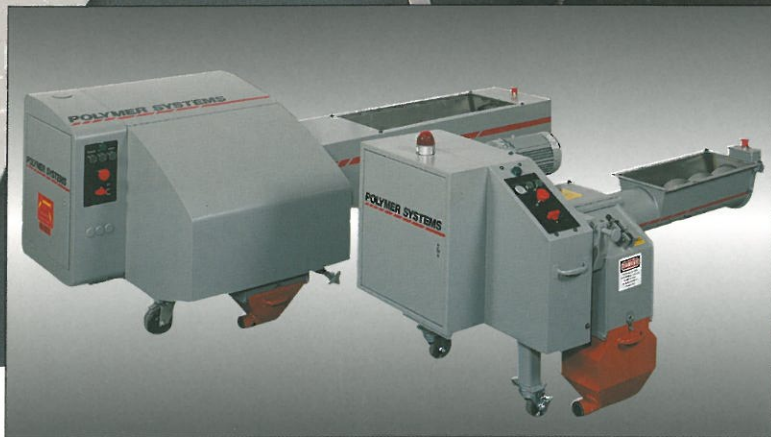


# AUGER FEED GRANULATORS



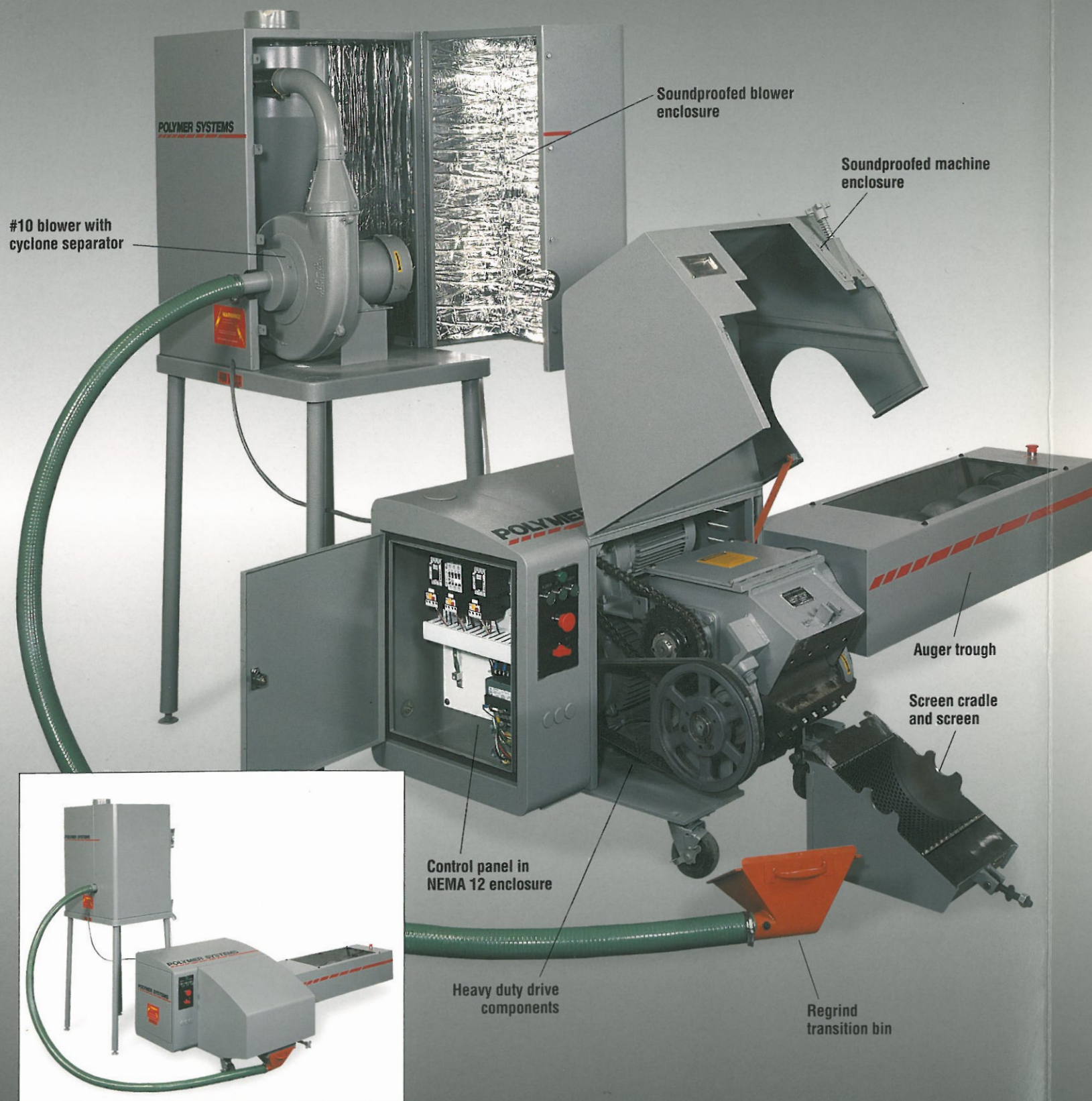
*Rugged, versatile  
material recovery systems for  
automated plastics processing.*

Model 1010A and Model 88 AE Auger Feed Granulators.

**POLYMER SYSTEMS**



# Advanced Features For Trouble-Free Automation And Easy Maintenance.



Model 1010A with soundproofed blower evacuation system.

## Special Configurations

Polymer Systems' highly versatile Auger Feed Granulators can be customized for virtually any under-press or beside the press application.



Model 1010AE with special U-shaped extended trough and space-saving, top-mounted #10 blower evacuation system.



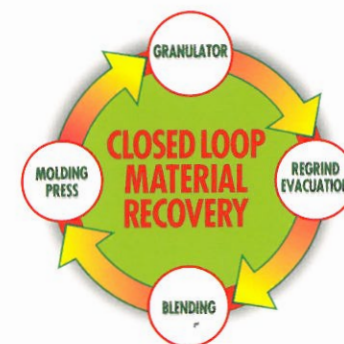
Model 88AE with parts separator and #9 blower evacuation system.

- Longer and shorter auger screws and troughs
- Left and right-hand screw pitches
- Various auger speeds
- Special feed heights
- Oversize bins for regrind storage
- Water-cooled cutting chambers for processing hot materials
- Hardfaced cutting chambers and carbide-coated knives for abrasive materials
- Filter for cyclone separator

## Complete Automated Systems

The vast majority of auger feed granulators are used in automated setups, especially closed loop systems where regrind is immediately remolded. Therefore, Polymer Systems makes its auger feed models very easy to equip for unattended operation, using such optional features as:

- Auger-driven part/runner separators for two-plate molds
- Metaltector® metal detection devices
- Automatic evacuation systems
- Zero speed switch to prevent chamber overload
- Pneumatic parts transfer system
- Blower evacuation systems



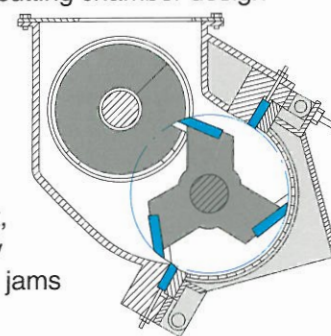
## Clean, Uniform Granulate

The high shear, Double Angle Cut™ slicing action produces clean, uniform granulate from thick, thin, rigid or elastomeric materials. Polymer's counter-slanted blade configuration is considered the industry's most efficient and economical granulating system, requiring less energy and producing less fines and noise than other designs.



## Unchokable Chamber Design

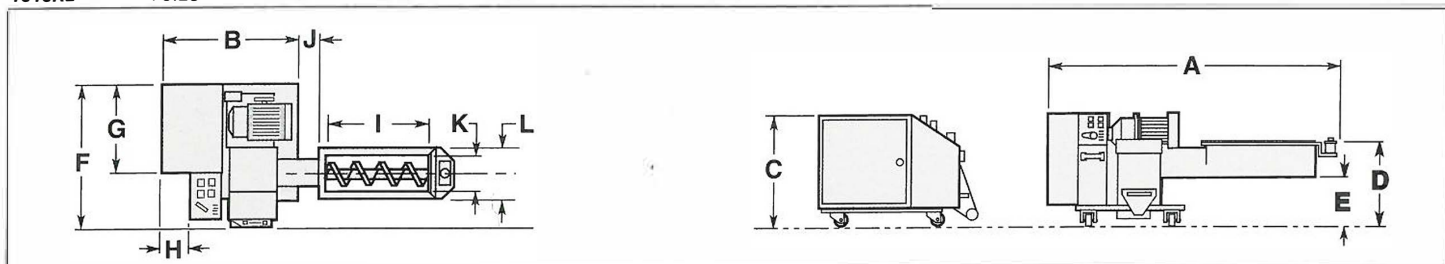
This unique, patented cutting chamber design allows runners to be literally picked off the auger shaft by the rotating knives. Runners no longer bunch up or wrap around the auger shaft, which eliminates costly shutdowns for clearing jams and tangles.





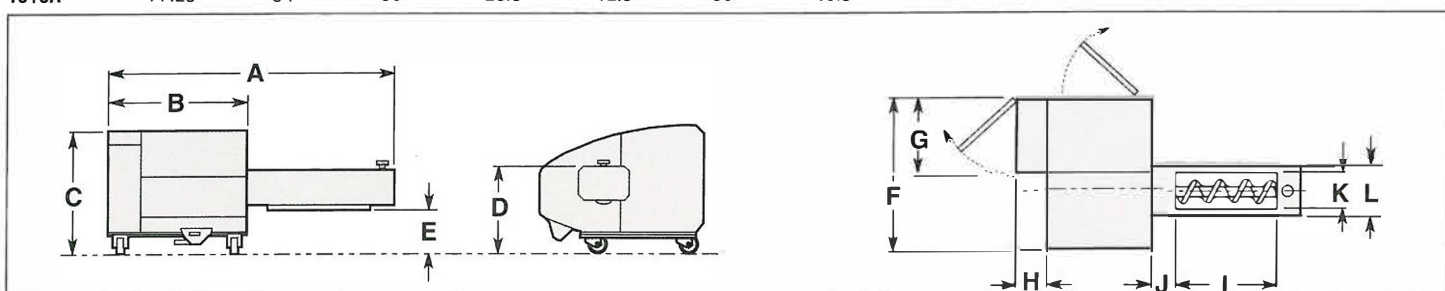
## DIMENSIONS/AE MODELS

MODEL	A	B	C	D	E	F	G	H	I	J	K	L
88AE	55	29	23.25	17	9.5	31.5	18	6	20	4	8	9.75
1010AE	76.25	32.5	27.5	23.5	12.5	37.5	23.5	6	30	12	12	14



## DIMENSIONS/A MODELS

MODEL	A	B	C	D	E	F	G	H	I	J	K	L
88A	53.5	27.5	25	17	9.5	32	16	6.5	20	5	8	10
1010A	77.25	34	30	23.5	12.5	39	19.5	8	30	11.25	12	15



## SPECIFICATIONS

Model		88	1010
Throat Size at Chamber *	in. (mm)	8 x 8 (203 x 203)	10 x 10 (254 x 254)
Motors** Granulator	HP (kw)	5 (4) [7.5 HP (6 kw) optional]	5 (4) [7.5 HP (6 kw) and 10 HP (8 kw) optional]
Auger	HP (kw)	.75 (.6)	1.5 (1.1)
Cutting Circle (dia.)	in. (mm)	7.6 (193)	9.5 (241)
Rotor Knives	number	3	3
Bed Knives	number	2	2
Auger (dia.)	in. (mm)	5 (127)	8 (203)
Flight thickness	in. (mm)	.375 (9.5)	.375 (9.5)
Throughput ***	lbs./hr. (kgs./hr.)	175 (80)	275 (124)
Shipping Wt.	lbs. (kg)	555 (250)	900 (405)

\* Measured at entrance to chamber.

\*\* Totally enclosed fan-cooled (TEFC).

\*\*\* Average figures; throughput varies with different materials, part shapes, and screen sizes.

All specifications are subject to change without notice.  
All production rates & projections are good faith estimates.



## HOSOKAWA POLYMER SYSTEMS

Hosokawa Polymer Systems is a member of the Hosokawa Micron Group, responding to global needs through an emphasis on materials science and engineering. The Group is an international provider of equipment and systems for powder and particle processing, product recovery, plastic processing and confectionery products. The Group maintains facilities for research, engineering, manufacturing, and service in each of the world's major industrial markets.

Visit our Web site at: <http://www.polysys.com>

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Hosokawa Polymer Systems encourages and supports post-consumer recycling efforts. We offer systems for a variety of recovery applications.

